

# State of North Carolina

## Single Audit Report For the Year Ended June 30, 2023

**UNBIASED. IMPACTFUL. IRREFUTABLE.**



A Department of the  
State of North Carolina





## North Carolina Office of the State Auditor

Jessica N. Holmes, State Auditor

# Our Mission and Our Commitment

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The Office of the State Auditor is the State's Independent Auditor. We provide unbiased and irrefutable audit and investigative reports so stakeholders can make informed decisions, hold entities accountable, and ensure good stewardship of public funds.

The Office of the State Auditor's mission is accomplished by conducting thorough audits and investigations. These audits and investigations are performed by highly competent and professional staff and result in useful and practical recommendations to improve services provided by North Carolina state government.

This office will always strive for the highest standards in professional conduct, independence, and integrity as we pursue our mission. If we find financial management deficiencies, we will report them without apology because our ultimate responsibility is to the citizens and taxpayers of North Carolina.

A handwritten signature in cursive script that reads "Jessica N. Holmes".

Jessica N. Holmes  
State Auditor



## North Carolina Office of the State Auditor

Jessica N. Holmes, State Auditor

# Auditor's Transmittal

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The Honorable Roy Cooper, Governor  
The General Assembly of North Carolina

We are pleased to submit the *Single Audit Report* for the State of North Carolina for the fiscal year ended June 30, 2023. We conducted our audit in accordance with the auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 *U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

This *Single Audit Report* reflects federal awards of \$35.07 billion. This report includes significant deficiencies and material weaknesses in internal control relating to major federal programs and instances of noncompliance, including several that we believe constitute material noncompliance, that meet the criteria of the Uniform Guidance.

The North Carolina *Annual Comprehensive Financial Report* for the fiscal year ended June 30, 2023, has been issued in a separate report by the Office of the State Controller. In accordance with *Government Auditing Standards*, we are issuing our report on our consideration of the State of North Carolina's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements that have a direct and material effect on the financial statements.

The deficiencies in internal control and instances of noncompliance arising from our audit that are required to be reported by *Government Auditing Standards* or the Uniform Guidance are described in the Schedule of Findings and Questioned Costs.

We wish to acknowledge the assistance of the North Carolina Office of the State Controller and the cooperation of other state agencies, community colleges, and universities in the preparation of this report.

Respectfully submitted,

A handwritten signature in cursive script that reads "Jessica N. Holmes".

Jessica N. Holmes  
State Auditor

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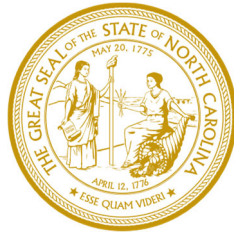
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Chapter 147, Article 5A of the North Carolina General Statutes gives the Auditor broad powers to examine all books, records, files, papers, documents, and financial affairs of every state agency and any organization that receives public funding. The Auditor also has the power to summon people to produce records and to answer questions under oath.



# Auditor's Section



## North Carolina Office of the State Auditor

Jessica N. Holmes, State Auditor

### Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With *Government Auditing Standards*

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The Honorable Roy Cooper, Governor  
The General Assembly of North Carolina

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of North Carolina, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the State of North Carolina's basic financial statements (not presented herein), and have issued our report thereon dated December 6, 2023.

Our report includes a reference to other auditors who audited the financial statements of the North Carolina Education Lottery, the North Carolina Turnpike Authority, the North Carolina Housing Finance Agency, the North Carolina State Education Assistance Authority, the Golden L.E.A.F (Long-term Economic Advancement Foundation), Inc., the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare, Inc., the Supplemental Retirement Income Plan of North Carolina, the North Carolina Public Employee Deferred Compensation Plan, and the North Carolina Department of State Treasurer Investment Programs, as described in our report on the State of North Carolina's financial statements. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors.

#### Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the State of North Carolina's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the State's internal control. Accordingly, we do not express an opinion on the effectiveness of the State's internal control.

*A deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the State's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be

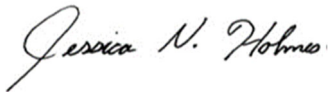
material weaknesses. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

### Compliance and Other Matters

As part of obtaining reasonable assurance about whether the State of North Carolina's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the State's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the State of North Carolina's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Jessica N. Holmes  
State Auditor

Raleigh, North Carolina

December 6, 2023



## North Carolina Office of the State Auditor

Jessica N. Holmes, State Auditor

### Independent Auditor's Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

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The Honorable Roy Cooper, Governor  
The General Assembly of North Carolina

#### **Report on Compliance for Each Major Federal Program**

We have audited the State of North Carolina's compliance with the types of compliance requirements identified as subject to audit in the *OMB Compliance Supplement* that could have a direct and material effect on each of the State of North Carolina's major federal programs for the year ended June 30, 2023. The State of North Carolina's major federal programs are identified in Section I, Summary of Auditor's Results, of the accompanying Schedule of Findings and Questioned Costs.

The State of North Carolina's basic financial statements include the operations of certain agencies and component units that are not included in the Schedule of Expenditures of Federal Awards for the year ended June 30, 2023. Our audit, described below, did not include the operations of these agencies and component units because they were audited by other auditors as discussed in Note 1B to the Schedule of Expenditures of Federal Awards.

#### ***Qualified Opinion on Certain Major Programs***

In our opinion, except for the noncompliance described in the Basis for Qualified and Unmodified Opinions section of our report, the State of North Carolina complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on those programs listed for the year ended June 30, 2023.

#### ***Unmodified Opinion of Each of the Other Major Federal Programs***

In our opinion, the State of North Carolina complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its other major federal programs identified in Section I, Summary of Auditor's Results, in the accompanying Schedule of Findings and Questioned Costs for the year ended June 30, 2023.

#### ***Basis for Qualified and Unmodified Opinions***

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* (GAGAS), issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditor's Responsibilities for the Audit of Compliance section of our report.



We are required to be independent of the State of North Carolina and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the State of North Carolina’s compliance with the compliance requirements referred to above.

**Matters Giving Rise to Qualified Opinions on Certain Major Programs**

As described in Section III, Federal Award Findings and Questioned Costs, in the accompanying Schedule of Findings and Questioned Costs, the State of North Carolina did not comply with several compliance requirements that are applicable to several of its major federal programs, as follows:

| Finding Number | ALN    | Major Federal Program   | Type of Compliance Requirement  |
|----------------|--------|---|---|
| 2023-001       | 14.228 | Community Development Block Grants/State’s Program and Non-Entitlement Grants in Hawaii | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Period of Performance; Special Tests and Provisions   |
| 2023-004       | 17.258 | WIOA Adult Program  | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-005       | 17.259 | WIOA Youth Activities   | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-006       | 17.278 | WIOA Dislocated Worker Formula Grants   | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-018       | 93.788 | Opioid STR  | Subrecipient Monitoring   |
| 2023-020       | 93.959 | Block Grants for Prevention and Treatment of Substance Abuse                            | Subrecipient Monitoring   |

Compliance with such requirements is necessary, in our opinion, for the State of North Carolina to comply with the requirements applicable to those programs.

**Responsibilities of Management for Compliance**

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the State of North Carolina’s federal programs.

**Auditor's Responsibility for the Audit of Compliance**

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the State of North Carolina's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, GAGAS, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the State of North Carolina's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, GAGAS, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the State of North Carolina's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the State of North Carolina's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the State of North Carolina's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

**Other Matters**

*Other Instances of Noncompliance:*

The results of our auditing procedures disclosed other instances of noncompliance which are required to be reported in accordance with the Uniform Guidance and which are described in Section III, Federal Award Findings and Questions Costs, of the accompanying Schedule of Findings and Questioned Costs as items:

| Finding Number | ALN    | Major Federal Program  | Type of Compliance Requirement                                    |
|----------------|--------|------------------------|---|
| 2023-013       | 93.658 | Foster Care Title IV-E | Activities Allowed or Unallowed; Allowable Costs/Costs Principles |

| Finding Number | ALN    | Major Federal Program      | Type of Compliance Requirement   |
|----------------|--------|----------------------------|--|
| 2023-015       | 93.659 | Adoption Assistance        | Activities Allowed or Unallowed;<br>Allowable Costs/Costs Principles;<br>Eligibility |
| 2023-016       | 93.778 | Medical Assistance Program | Activities Allowed or Unallowed;<br>Allowable Costs/Costs Principles;<br>Eligibility |

Our opinion on each major federal program is not modified with respect to these matters.

*Government Auditing Standards* requires the auditor to perform limited procedures on the State of North Carolina's responses to the noncompliance findings identified in our compliance audit described in the accompanying Schedule of Findings and Questioned Costs. The State of North Carolina's responses were not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

*Verification of Information for Children's Health Insurance Program and Medicaid Eligibility:*

As defined in North Carolina's Children's Health Insurance (CHIP) and Medicaid State Plan (approved by U.S. Department of Health and Human Services, Centers for Medicare and Medicaid Services), self-attestation by applicants is accepted for certain elements of the Modified Adjusted Gross Income (MAGI) methodology of determining participant eligibility. Further verification or documentation is not required. Approximately \$7.5 billion, or 41%, of total Medicaid benefit expenditures and \$822 million, or 100%, of total CHIP benefit expenditures were for beneficiaries whose eligibility was determined using the MAGI methodology.

Auditors tested participant eligibility using the documentation contained in auditee files, which includes self-attested data that was not required to be verified by the auditor. Elements for which self-attestation is accepted, are critical to determining eligibility, and were not required to be verified by auditors include:

- Age
- Household composition (i.e. number in household)
- Tax filer status
- Certain income types (including various unearned income)

Since auditors were not required to verify this information, it is likely that there are beneficiaries in the CHIP and Medicaid program that received benefits but were not eligible.

Our opinion is not modified with respect to this matter.

**Report on Internal Control Over Compliance**

Our consideration of internal control over compliance was for the limited purpose described in the Auditor's Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance and therefore, material weaknesses or significant deficiencies may exist that were not identified. However, as

discussed below, we identified certain deficiencies in internal control over compliance that we consider to be material weaknesses and significant deficiencies.

*A deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. We consider the deficiencies in internal control over compliance described in Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs as the items below to be material weaknesses:

| Finding Number | ALN    | Major Federal Program   | Type of Compliance Requirement  |
|----------------|--------|---|---|
| 2023-001       | 14.228 | Community Development Block Grants/State's Program and Non-Entitlement Grants in Hawaii | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Period of Performance; Special Tests and Provisions   |
| 2023-004       | 17.258 | WIOA Adult Program  | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-005       | 17.259 | WIOA Youth Activities   | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-006       | 17.278 | WIOA Dislocated Worker Formula Grants   | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility; Matching, Level of Effort, Earmarking; Period of Performance; Reporting; Subrecipient Monitoring |
| 2023-018       | 93.788 | Opioid STR  | Subrecipient Monitoring   |
| 2023-020       | 93.959 | Block Grants for Prevention and Treatment of Substance Abuse                            | Subrecipient Monitoring   |

*A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiencies in internal control over compliance described in Section III, Federal Award Findings and Questioned Costs, of the accompanying Schedule of Findings and Questioned Costs as the items below to be significant deficiencies:

## Independent Auditor's Report

| Finding Number | ALN     | Major Federal Program   | Type of Compliance Requirement  |
|----------------|---------|---|---|
| 2023-002       | 14.228  | Community Development Block Grants/State's Program and Non-Entitlement Grants in Hawaii | Reporting   |
| 2023-003       | 14.228  | Community Development Block Grants/State's Program and Non-Entitlement Grants in Hawaii | Reporting   |
| 2023-007       | 84.010  | Title I Grants to Local Educational Agencies  | Reporting   |
| 2023-008       | 84.367  | Supporting Effective Instruction State Grants   | Reporting   |
| 2023-009       | 84.425D | Education Stabilization Fund  | Reporting   |
| 2023-010       | 84.425U | Education Stabilization Fund  | Reporting   |
| 2023-011       | 84.425U | Education Stabilization Fund  | Reporting   |
| 2023-012       | 93.499  | Low Income Household Water Assistance Program   | Reporting   |
| 2023-013       | 93.658  | Foster Care Title IV-E  | Activities Allowed or Unallowed; Allowable Costs/Cost Principles              |
| 2023-014       | 93.658  | Foster Care Title IV-E  | Reporting   |
| 2023-015       | 93.659  | Adoption Assistance   | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility |
| 2023-016       | 93.778  | Medical Assistance Program  | Activities Allowed or Unallowed; Allowable Costs/Cost Principles; Eligibility |
| 2023-017       | 93.788  | Opioid STR  | Reporting   |
| 2023-019       | 93.959  | Block Grants for Prevention and Treatment of Substance Abuse                            | Reporting   |

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

*Government Auditing Standards* requires the auditor to perform limited procedures on the State of North Carolina's responses to the internal control over compliance findings identified in our audit described in the accompanying Schedule of Findings and Questioned Costs. The State of North Carolina's responses were not subjected to the other auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the responses.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

**Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance**

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, the aggregate discretely presented component units, each major fund, and the aggregate remaining fund information of the State of North Carolina as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the State of North Carolina's basic financial statements (not presented herein). We issued our report thereon dated December 6, 2023, which contained unmodified opinions on those financial statements.

Our report includes a reference to other auditors who audited the financial statements of the North Carolina Education Lottery, the North Carolina Turnpike Authority, the North Carolina Housing Finance Agency, the North Carolina State Education Assistance Authority, the Golden L.E.A.F (Long-term Economic Advancement Foundation), Inc., the University of North Carolina System – University of North Carolina Health Care System – Rex Healthcare, Inc., the Supplemental Retirement Income Plan of North Carolina, the North Carolina Public Employee Deferred Compensation Plan, and the North Carolina Department of State Treasurer Investment Programs, as described in our report on the State of North Carolina's financial statements.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying Schedule of Expenditures of Federal Awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditures of Federal Awards is fairly stated in all material respects in relation to the basic financial statements as a whole.



Jessica N. Holmes  
State Auditor

Raleigh, North Carolina

March 18, 2024 (except as related to the Report on  
The Schedule of Expenditures of Federal Awards,  
As to Which is dated December 6, 2023)

**Schedule of Findings and Questioned Costs**

For the Fiscal Year Ended June 30, 2023

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**Schedule of Findings and Questioned Costs**

**I. Summary of Auditor’s Results**

For the Fiscal Year Ended June 30, 2023

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Financial Statements

- Type of auditor’s report issued? Unmodified
- Internal control over financial reporting:
  - Material weaknesses identified? No
  - Significant deficiencies identified that are not considered to be material weaknesses? No
- Noncompliance material to financial statements noted? No

Federal Awards

- Internal control over major programs:
  - Material weaknesses identified? Yes
  - Significant deficiencies identified that are not considered to be material weaknesses? Yes
  - Type of auditor’s report issued on compliance for major programs? Unmodified for all Major Programs except WIOA Cluster, Community Development Block Grants/State's Program and Non-Entitlement Grants in Hawaii, Opioid STR, and Block Grants for Prevention and Treatment of Substance Abuse, which are qualified.
- Any audit findings disclosed that are required to be reported in accordance with section § 200.516(a) of the Uniform Guidance? Yes

– Identification of major programs:

| Cluster/<br>Assistance<br>Listing Number | Name of Federal Program or Cluster          |
|--|---|
| CWSRF                                    | Clean Water State Revolving Fund Cluster    |
| DWSRF                                    | Drinking Water State Revolving Fund Cluster |



**Schedule of Findings and Questioned Costs**

**I. Summary of Auditor’s Results**

For the Fiscal Year Ended June 30, 2023

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| Cluster/<br>Assistance<br>Listing Number | Name of Federal Program or Cluster  |
|--|---|
| MEDC                                     | Medicaid Cluster  |
| RD                                       | Research and Development Cluster  |
| SFAC                                     | Student Financial Assistance Cluster  |
| SNAP                                     | SNAP Cluster  |
| SPED                                     | Special Education Cluster (IDEA)  |
| WIOA                                     | WIOA Cluster  |
| 14.228                                   | Community Development Block Grants/State's Program and Non-Entitlement Grants in Hawaii |
| 16.575                                   | Crime Victim Assistance   |
| 21.023                                   | Emergency Rental Assistance Program   |
| 21.027                                   | Coronavirus State and Local Fiscal Recovery Fund  |
| 21.031                                   | State Small Business Credit Initiative Technical Assistance Grant Program               |
| 84.010                                   | Title I Grants to Local Educational Agencies  |
| 84.048                                   | Career and Technical Education – Basic Grants to States                                 |
| 84.126                                   | Rehabilitation Services – Vocational Rehabilitation Grants to States                    |
| 84.367                                   | Supporting Effective Instruction State Grants   |
| 84.425                                   | Education Stabilization Fund  |
| 93.498                                   | Provider Relief Fund and American Rescue Plan (ARP) Rural Distribution                  |
| 93.499                                   | Low Income Household Water Assistance Program   |
| 93.658                                   | Foster Care Title IV-E  |
| 93.659                                   | Adoption Assistance   |
| 93.767                                   | Children’s Health Insurance Program   |
| 93.788                                   | Opioid STR  |
| 93.959                                   | Block Grants for Prevention and Treatment of Substance Abuse                            |
| 97.036                                   | Disaster Grants – Public Assistance (Presidentially Declared Disasters)                 |

- Dollar threshold used to distinguish between type A and type B programs? \$52,600,752
- Auditee qualified as low-risk auditee? No

**Schedule of Findings and Questioned Costs**

**II. Financial Statement Findings**

For the Fiscal Year Ended June 30, 2023

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| Type of Finding | Findings and Recommendations |
|-----------------|------------------------------|
|-----------------|------------------------------|

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No reportable findings and recommendations resulted from our audit of the basic financial statements of the State of North Carolina.

## Schedule of Findings and Questioned Costs

### III. Federal Award Findings and Questioned Costs

For the Fiscal Year Ended June 30, 2023

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The following findings, recommendations, and questioned costs are the results of the single audit of the State of North Carolina for the fiscal year ended June 30, 2023. Each finding is referenced with a four-digit number representing the fiscal year audited and a sequential number. The findings are presented by federal program and are classified according to federal and state department, type of compliance requirement, category of internal control weakness, and category of noncompliance. Findings included in this section are related to major programs.

#### Category of Internal Control Weakness

If the finding represents a weakness in internal control over compliance, one of the following designations will appear:

- **Significant Deficiency** – A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.
- **Material Weakness** – A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

#### Category of Noncompliance Findings

If the finding represents an instance of noncompliance, one of the following designations will appear:

- **Material Noncompliance** – A finding related to a major federal program which discusses conditions representing noncompliance with federal laws, regulations, contracts, or grants, the effects of which have a material effect in relation to a type of compliance requirement or an audit objective identified in the Uniform Guidance.
- **Questioned Cost Finding** – A finding which discusses known or likely questioned costs that are greater than \$25,000 for a type of compliance requirement, unless the conditions giving rise to the questioned costs are otherwise reported as a material noncompliance finding.

**14.228 Community Development Block Grants/State’s Program and Non-Entitlement Grants in Hawaii**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations  |
|----------|---|---|
| 2023-001 | <u>Activities Allowed or Unallowed:</u>   | <u>Inadequate Monitoring of Subaward Expenditures</u>   |
|          | Material Weakness                         | The Department of Commerce (Department) did not adequately monitor \$19.6 million in federal funds used to support community development activities. Specifically, the Department did not:  |
|          | Material Noncompliance                    | <ul style="list-style-type: none"> <li>• Perform risk assessments.</li> <li>• Complete monitoring activities.</li> <li>• Adequately review reimbursement requests.</li> </ul>   |
|          | <u>Allowable Costs/ Costs Principles:</u> |   |
|          | Material Weakness                         |   |
|          | Material Noncompliance                    | Auditors reviewed the Department’s monitoring plan over subaward expenditures. The Department’s monitoring plan required risk assessments over all subawards when funding is initially provided and then again after 20 months to determine which subawards to monitor. However, auditors reviewed the 50 subawards that required a risk assessment during the audit and found that none of the risk assessments were performed.  |
|          | <u>Period of Performance:</u>             |   |
|          | Material Weakness                         |   |
|          | Material Noncompliance                    | In addition, auditors reviewed the monitoring activities over all subawards open during the audit period. The Department’s monitoring plan included various monitoring activities, such as on-site monitoring or desk reviews. Auditors reviewed the monitoring activities over all 152 open subawards and found that 148 (97%) subawards did not have monitoring activities completed during the year.   |
|          | <u>Special Tests and Provisions:</u>      |   |
|          | Material Weakness                         |   |
|          | Material Noncompliance                    | Lastly, auditors reviewed a sample of 60 reimbursement requests, totaling \$5.1 million, that were paid during the audit period and found eight (13%) requests totaling \$426,260 that were paid outside the subaward period.   |
|          | <u>Questioned Cost Finding</u>            |   |
|          | B-18-DC-37-0001<br>- \$426,260            | As a result, the Department may be required to pay \$426,260 back to the federal government. Furthermore, inadequate monitoring increases the risk that federal funds may not be used in accordance with federal requirements, which may reduce funding available to communities for providing housing and expanding economic opportunities for low- and moderate-income families.<br><br>According to the Department management, reviews of the reimbursement requests were not detailed enough to ensure that payments were within the subaward period. In addition, staff turnover resulted in incomplete monitoring procedures. |

**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs                     | Findings and Recommendations  |
|---|---|
| Federal regulations <sup>1</sup> require the Department to: | <ul style="list-style-type: none"> <li>• Establish and maintain effective internal control over the federal award that provides reasonable assurance that the entity is managing the award in compliance with federal statutes, regulations, and the terms and conditions of the federal award.</li> <li>• Evaluate each subrecipient's risk of noncompliance with federal statutes, regulations, and the terms and conditions of the subaward to determine the appropriate subrecipient monitoring.</li> <li>• Monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes, in compliance with federal statutes, regulations, and the terms and conditions of the subaward.</li> </ul>                     |
|   | <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Housing and Urban Development; Assistance Listing Number (title): 14.228 (Community Development Block Grants/State’s Program and Non-Entitlement Grants In Hawaii); Federal Award Identification Numbers (award periods): B-15-DC-37-0001 (August 20, 2015 – September 1, 2022), B-16-DC-37-0001 (July 22, 2016 – September 1, 2023), B-17-DC-37-0001 (September 22, 2017 – September 1, 2024), B-18-DC-37-0001 (December 20, 2018 – September 1, 2025), B-19-DC-37-0001 (August 27, 2019 – September 1, 2026), B-20-DC-37-0001 (September 2, 2020 – September 1, 2027), B-20-DW-37-0001 (July 8, 2020 – July 8, 2026), B-21-DC-37-0001 (January 1, 2021 – September 1, 2028).</p> |
|   | <p><i>Recommendation:</i> Department management should develop and implement detailed review procedures over expenditures to ensure they are within the subaward period.</p>  |
|   | <p>In addition, Department management should establish contingency plans to ensure monitoring procedures are completed during times of employee turnover.</p>   |
|   | <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Commerce, Rural Economic Development Division (REDD) recognizes its responsibility to adequately monitor subrecipient expenditures. Also, REDD Community Development Block Grant (CDBG) staff consistently strives to adhere to federal requirements and ensure funding is available to communities to provide housing and expand economic opportunities for low- and moderate-income families.</p>  |

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<sup>1</sup> 2 CFR 200.303(a) and 2 CFR 200.332(b),(d).

**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p data-bbox="550 615 959 642"><u>Performance of Risk Assessments</u></p> <p data-bbox="550 659 1481 840">The audit finding notes that REDD’s CDBG staff did not perform risk assessments. REDD CDBG staff assesses risk and performs monitoring at multiple points. To determine risk, an assessment is included at three critical points: (1) in the project selection process, (2) prior to the release of programmatic funds, and (3) the ongoing weekly monitoring of expenditure rates to address slow drawdown of funds.</p> <p data-bbox="550 871 1481 1052">REDD CDBG staff acknowledges and agrees that the finding notes the omission of the formal risk assessment at the second and third points noted above. The risk assessment is an ongoing process throughout the grant life and steps were modified to expedite funding during the public health emergency due to COVID-19. The monitoring plan, however, due to this unprecedented time was not updated to reflect the changes.</p> <p data-bbox="550 1083 987 1110"><u>Monitoring of Sub-Awardee Activities</u></p> <p data-bbox="550 1127 1481 1186">The audit finding states that 148 of 152 sub-awardees were not monitored for allowable costs during Fiscal Year 2023. REDD CDBG agrees with the finding.</p> <p data-bbox="550 1218 1481 1362">REDD CDBG current policy permits grantees to submit requisitions for payment without supporting documentation in most instances. The staff reviews allowable expenditures during desk reviews and on-site monitoring. When concerns arise, staff also request documentation to determine whether expenditures are appropriate.</p> <p data-bbox="550 1394 1094 1421"><u>Review of Sub-Awardee Requisition Requests</u></p> <p data-bbox="550 1438 1481 1528">Auditors reviewed a sample of 60 reimbursement requests, totaling \$5.1 million, that were paid during the audit period and found eight (13%) requests totaling \$426,260 that were paid outside the subaward period.</p> <p data-bbox="550 1560 1481 1736">The REDD CDBG staff acknowledges and agrees with the finding. The identified subawards will be reviewed and actions will be taken to extend the grant period to ensure program compliance or recapture the funds for non-compliance from sub-awardees. Should the Department have to repay funds, the federal government will require a repayment using State funds. REDD CDBG staff will make every effort to prevent this situation.</p> |

**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs            | Findings and Recommendations  |
|----------|--|---|
| 2023-002 | <u>Reporting:</u><br><br>Significant<br>Deficiency | <p><u>Inaccurate Annual Reporting</u></p> <p>The Department of Commerce (Department) did not accurately report Community Development Block Grant (CDBG) program data to the U.S. Department of Housing and Urban Development.</p> <p>Auditors reviewed the obligation, expenditure, and program performance data<sup>2</sup> reported in the annual Financial Summary Report<sup>3</sup> and found that amounts reported did not agree to the Department’s accounting records. Specifically, auditors found differences in the following reported amounts:</p> <ul style="list-style-type: none"> <li>• Obligated amounts ranged from an underreported amount of \$4.2 million to an overreported amount of \$7.5 million.</li> <li>• Expenditure amounts ranged from an underreported amount of \$8.3 million to an overreported amount of \$6.1 million.</li> <li>• Program performance data ranged from an underreported amount of \$8.6 million to an overreported amount of \$13.1 million.</li> </ul> <p>Inaccurate reporting of CDBG program data prevents the U.S. Department of Housing and Urban Development from monitoring the state’s progress in helping communities provide housing and expand economic opportunities for low and moderate-income families. In addition, citizens do not have complete and accurate information to provide feedback on how funds are being used in their communities.</p> <p>According to Department management, the Financial Summary Report was prepared using amounts from the U.S. Department of Housing and Urban Development’s reporting system, and the amounts were not reconciled to the Department’s records to ensure accuracy.</p> <p>Federal regulations<sup>4</sup> require that the Department submit an annual report concerning the use of CDBG funds, known as the Consolidated Annual Performance and Evaluation Report (CAPER). The Financial Summary Report is a supplement to the CAPER.</p> |

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<sup>2</sup> Program performance data represents the expenditures used on activities that benefit low- and moderate-income families, for the prevention of slum and blight, and to meet urgent community development needs.

<sup>3</sup> The annual Financial Summary Report includes cumulative reporting of obligated amounts, expenditure amounts, and program performance data for each open CDBG allocation. During the period, the report included award years 2002 through 2021.

<sup>4</sup> 24 CFR 91.520.

**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations   |
|---|--|
|   | <p>Federal regulations<sup>5</sup> also require the Department to establish and maintain effective internal control over federal awards that provide reasonable assurance that the Department is managing the program in compliance with federal statutes, regulations, and the terms and conditions of the federal award. The federal regulations define internal control to include the processes for achieving reliable reporting.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Housing and Urban Development; Assistance Listing Number (title): 14.228 (Community Development Block Grants/State’s Program and Non-Entitlement Grants In Hawaii); Federal Award Identification Numbers (award periods): B-15-DC-37-0001 (August 20, 2015 – September 1, 2022), B-16-DC-37-0001 (July 22, 2016 – September 1, 2023), B-17-DC-37-0001 (September 22, 2017 – September 1, 2024), B-18-DC-37-0001 (December 20, 2018 – September 1, 2025), B-19-DC-37-0001 (August 27, 2019 – September 1, 2026), B-20-DC-37-0001 (September 2, 2020 – September 1, 2027), B-21-DC-37-0001 (January 1, 2021 – September 1, 2028).</p> <p><i>Recommendation:</i> Department management should develop and implement detailed reconciliation and review procedures over the annual Financial Summary Report to ensure accuracy.</p> <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Commerce, Rural Economic Development Division (REDD) acknowledges that there is currently not a process in place that reconciles the data in Commerce’s Grants Management System (GMS) to the data in the federal Integrated Disbursement and Information System (IDIS). REDD acknowledges its responsibility to provide accurate and timely reconciled data for the annual financial reports required by the US Department of Housing and Urban Development (HUD). Due to outdated functionality of the aged (over 25 years old) internal database (GMS) CDBG staff has a tremendous challenge to reconcile the data to the federal system, IDIS. GMS has very limited configurability to conduct adequate automated financial reconciliation processes and perform grant deliverables throughout the grant lifecycle for annual federal funding allocations.</p> <p>REDD CDBG staff acknowledges and agrees with the audit finding. In February of 2021, the REDD CDBG leadership team was notified that a U.S. Treasury bulletin whose requirements had not been enforced previously, would be beginning with the 2014 allocation. At the recommendation of HUD Small Cities Office, staff utilized a methodology of de-obligating newer grant awards and</p> |

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<sup>5</sup> 2 CFR 200.303 - Internal Controls.



**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs          | Findings and Recommendations   |
|--|--|
| 2023-003 Reporting:<br>Significant<br>Deficiency | <p>substituting these for older funds in our line of credit. These changes were tracked manually using Excel workbooks and reconciled monthly. This information was not attached to the PR28 report but has been maintained by REDD CDBG.</p> <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Commerce (Department) did not submit complete, accurate, and timely subaward information for subrecipients of the Community Development Block Grant (CDBG) program to the Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting System (FSRS).</p> <p>Auditors reviewed all 39 subawards totaling \$50.4 million that were required to be reported to the FSRS during the audit period and found the following errors:</p> <ul style="list-style-type: none"> <li>• 34 subawards totaling \$49.1 million were reported 29 to 180 days late. In addition, one subaward totaling \$5.0 million was reported with the incorrect subaward number.</li> <li>• Four subawards totaling \$1.3 million were not reported at all.</li> <li>• One subaward totaling \$950,000 was reported although the subaward was canceled prior to report submission.</li> </ul> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management, the required FFATA reporting for the CDBG program was not completed because staff responsible for FFATA reporting misunderstood the applicability of the requirement to CDBG subaward allocations.</p> <p>The FFATA<sup>6</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRS no later than the end of the month following the month in which the obligation was made.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Housing and Urban Development; Assistance Listing Number (title): 14.228</p> |

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<sup>6</sup> 2 CFR 170 Appendix A.

**14.228 Community Development Block Brants/State’s Program and Non-Entitlement Grants in Hawaii**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Housing and Urban Development

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs  | Findings and Recommendations  |
|--|---|
| <p>(Community Development Block Grants/State’s Program and Non-Entitlement Grants In Hawaii); Federal Award Identification Numbers (award periods): B-15-DC-37-0001 (August 20, 2015 – September 1, 2022), B-18-DC-37-0001 (December 20, 2018 – September 1, 2025), B-21-DC-37-0001 (January 1, 2021 – September 1, 2028), B-22-DC-37-0001 (January 1, 2022 – September 1, 2029).</p>  | <p><i>Recommendation:</i> Department management should ensure that the staff responsible for FFATA reporting have a clear understanding of the reporting requirements applicable to the CDBG program.</p>   |
| <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Commerce, Rural Economic Development Division (REDD) recognizes its responsibility to comply with the Federal Funding Accountability and Transparency Act (FFATA) requirements.</p>   | <p>Pursuant to the requirements of the Federal Funding Accountability and Transparency Act (Pub. L. No. 109-282), as amended by Section 6202 of Pub. L. No. 110-252, hereafter referred as the “Transparency Act” that are codified in 2 CFR Part 170, all required Community Development Block Grant subawards have been put into the Federal Subaward Reporting System (FSRS). Based on the reporting requirements outlined in the “Transparency Act”, all future awards will be put into FSRS by the end of the month following the month of the fully executed subaward agreement. To ensure data entry accuracy, all subaward information put into FSRS will have two review and concurrence cycles before final submission.</p> |
| <p>To provide timely and accurate information within the system, if a sub-awardee de-obligates or receives additional grant funds, updates to the information previously entered in the system will be updated to reflect any increase or decrease in the subaward. If a new subaward is made from de-obligated funding, the report will be updated with the information of the sub-awardee within the allotted timeframe specified in the reporting requirements. Prior to submission, these changes will also be required to have two review and concurrence cycles before final submission.</p> |   |

**17.258 WIOA Adult Program**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Labor

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations   |
|----------|---|--|
| 2023-004 | <p><u>Activities Allowed or Unallowed:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Allowable Costs/ Costs Principles:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Eligibility:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Matching, Level of Effort, and Earmarking:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Period of Performance:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Reporting:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Department of Commerce (Department) did not adequately monitor \$58 million in federal funds passed to subrecipients to provide employment and training programs for adults, dislocated workers, and youth who face barriers to employment.</p> <p>Auditors reviewed the monitoring procedures over all 22 subrecipients that received Workforce Innovation and Opportunity Act (WIOA) Cluster funds during the audit period. The Department’s monitoring procedures required annual, onsite financial and programmatic monitoring for all subrecipients. However, auditors found no evidence that monitoring was completed as required.</p> <p>Additionally, auditors reviewed the monitoring procedures for all 22 subrecipients that were required to have an audit in accordance with Uniform Guidance and found that the Department did not obtain or review the audit reports for 17 subrecipients (77%).</p> <p>Inadequate monitoring increases the risk that federal funds may not be used in accordance with federal requirements, which may reduce funding available to provide services to individuals seeking employment and training assistance.</p> <p>According to Department management, employee turnover in positions responsible for overseeing the monitoring process prevented the completion of monitoring during the year.</p> <p>Federal regulations<sup>7</sup> require the Department to:</p> <ul style="list-style-type: none"> <li>• Perform annual onsite monitoring of all subrecipients to ensure that the subaward is used for authorized purposes in compliance with federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.</li> <li>• Verify that every subrecipient is audited as required.</li> </ul> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Labor; Assistance Listing Numbers (titles): 17.258 (WIOA Adult Program), 17.259 (WIOA Youth Activities), 17.278 (WIOA Dislocated Worker Formula Grants); Federal Award Identification Numbers (award periods): AA-38547-22-55-A-37 (April 1, 2022 – June 30, 2025), AA-36337-21-55-A-37</p> |

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<sup>7</sup> 200 CFR 200.332(d)-(f) and 20 CFR 683.410(b).

**17.258 WIOA Adult Program** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Labor

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs  | Findings and Recommendations  |
|--|---|
| <p>Subrecipient<br/><u>Monitoring:</u><br/>Material<br/>Weakness<br/><br/>Material<br/>Noncompliance</p> | <p>(April 1, 2021 – June 30, 2024), AA-34786-20-55-A-37 (April 1, 2020 – June 30, 2023), AA-33241-19-55-A-37 (April 1, 2019 – June 30, 2022).</p> <p><i>Recommendation:</i> The Department should prioritize the development of a contingency plan to ensure annual monitoring is completed when employee turnover occurs.</p> <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Commerce, Division of Workforce Solutions (DWS) understands its responsibility to monitor subrecipients annually in a timely manner and acknowledges that it is catching up on monitoring local workforce development boards after being delayed due to a combination of the operational disruptions of the COVID-19 pandemic, restructuring of the monitoring unit due to staff vacancies, and an identified need to create new internal training and updated procedures before resuming monitoring. DWS has historically completed monitoring timely, prior to March 2020, the start of the COVID-19 pandemic.</p> <p>Since the end of the audit period, DWS has issued 13 programmatic or financial monitoring reports for the period of the audit – State Fiscal Year (SFY) 2023 that corresponds to WIOA Program Year (PY) 2022 (July 1, 2022 – June 30, 2023). In the last year, DWS programmatic and financial monitors have conducted concurrent onsite reviews of three program years, substantially catching up on monitoring activities and has a plan in place to complete the period of the audit and the subsequent SFY 2024/WIOA PY 2023 monitoring activities by December 31, 2024.</p> |

**17.259 WIOA Youth Activities**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Labor

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations  |
|----------|---|---|
| 2023-005 | <p><u>Activities Allowed or Unallowed:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Allowable Costs/ Costs Principles:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Eligibility:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Matching, Level of Effort, and Earmarking:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Period of Performance:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Reporting:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Subrecipient Monitoring:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Department of Commerce (Department) did not adequately monitor \$58 million in federal funds passed to subrecipients to provide employment and training programs for adults, dislocated workers, and youth who face barriers to employment. See Finding 2023-004 for a description.</p> |

**17.278 WIOA Dislocated Worker Formula Grants**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Labor

N.C. Department of Commerce

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations  |
|----------|---|---|
| 2023-006 | <p><u>Activities Allowed or Unallowed:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Allowable Costs/ Costs Principles:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Eligibility:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Matching, Level of Effort, and Earmarking:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Period of Performance:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Reporting:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> <p><u>Subrecipient Monitoring:</u></p> <p>Material Weakness</p> <p>Material Noncompliance</p> | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Department of Commerce (Department) did not adequately monitor \$58 million in federal funds passed to subrecipients to provide employment and training programs for adults, dislocated workers, and youth who face barriers to employment. See Finding 2023-004 for a description.</p> |

**84.010 Title I Grants to Local Educational Agencies**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education  
 N.C. Department of Public Instruction  
 For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs                      | Findings and Recommendations  |
|----------|--|---|
| 2023-007 | <p><u>Reporting:</u><br/><br/>Significant<br/>Deficiency</p> | <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Public Instruction (Department) did not submit complete, accurate, and timely Federal Funding Accountability and Transparency Act (FFATA) reporting for the Education Stabilization Fund - Elementary School Emergency Relief (ESSER), Supporting Effective Instruction (SEI), and Title I Grants to Local Educational Agencies (Title I) programs.</p> <p>Auditors reviewed all the subawards for the ESSER and SEI programs that were required to be reported to the FFATA Subaward Reporting System (FSRS) during the audit period and found that none were reported as required. Specifically:</p> <ul style="list-style-type: none"> <li>• 394 ESSER subawards totaling \$85.8 million were not reported.</li> <li>• 140 SEI subawards totaling \$63.0 million were not reported.</li> </ul> <p>During the audit period, the Department made 240 Title I subawards totaling \$527.9 million. Auditors tested a sample of 36 Title I subawards that were reported to the FSRS and found errors in all of the subawards. Specifically:</p> <ul style="list-style-type: none"> <li>• 10 subawards totaling \$1.5 million were not reported at all.</li> <li>• 26 subawards totaling \$89.4 million were reported 34-146 days late, lacked sufficient project descriptions on how the funds were utilized, and did not agree to supporting documentation by a total of \$1.3 million. In addition, 7 subawards totaling \$39.2 million were reported twice.</li> </ul> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management:</p> <ul style="list-style-type: none"> <li>• Due to continued technical difficulties experienced with entering subawards into FSRS, the Department did not attempt to report any subawards for the ESSER and SEI programs.</li> <li>• Due to technical difficulties experienced with entering the Title I subawards into FSRS, and a lack of designated staff with experience,</li> </ul> |

**84.010 Title I Grants to Local Educational Agencies** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education  
 N.C. Department of Public Instruction  
 For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p>the Department did not complete all entries into the system and duplicated others.</p> <p>The FFATA<sup>8</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRs no later than the end of the month following the month in which the obligation was made.</p> <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-008.</b></p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; Assistance Listing Number (title): 84.425U (American Rescue Plan - Elementary and Secondary School Emergency Relief Fund); Federal Award Identification Number (award period): S425U210037 (COVID-19) (March 24, 2021 - September 30, 2023).</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; Assistance Listing Number (title): 84.367A (Supporting Effective Instruction State Grants); Federal Award Identification Number (award period): S367A220032 (July 1, 2022 - September 30, 2023).</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; Assistance Listing Number (title): 84.010A (Title I Grants to Local Educational Agencies); Federal Award Identification Number (award period): S010A220033 (July 1, 2022 - September 30, 2023).</p> <p><i>Recommendation:</i> Department management should prioritize seeking solutions from the federal oversight agency on technical difficulties.</p> <p>In addition, Department management should ensure staff are properly trained and available to complete FFATA reporting as required.</p> <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Public Instruction concurs with the Auditor’s finding and recommendation. We strive to comply with FFATA reporting requirements; however, we continue to struggle due to system limitations. Ongoing conversation and support are sought from the U.S. Department of Education to aid in a more complete reporting within the FFATA system.</p> |

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<sup>8</sup> 2 CFR 170 Appendix A.



**84.367 Supporting Effective Instruction State Grants**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

N.C. Department of Public Instruction

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs        | Findings and Recommendations   |
|----------|--|--|
| 2023-008 | <u>Reporting:</u><br>Significant<br>Deficiency | <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Public Instruction (Department) did not submit complete, accurate, and timely Federal Funding Accountability and Transparency Act (FFATA) reporting for the Education Stabilization Fund - Elementary School Emergency Relief (ESSER), Supporting Effective Instruction (SEI), and Title I Grants to Local Educational Agencies (Title I) programs. See finding 2023-007 for a description.</p> <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-008.</b></p> |

**84.425D Education Stabilization Fund – Elementary and Secondary School Emergency Relief Fund**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education  
 N.C. Department of Public Instruction  
 For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs                      | Findings and Recommendations   |
|----------|--|--|
| 2023-009 | <p><u>Reporting:</u><br/><br/>Significant<br/>Deficiency</p> | <p><u>Inaccurate Annual Reporting</u></p> <p>The Department of Public Instruction (Department) did not accurately report Education Stabilization Fund - Elementary and Secondary School Emergency Relief (ESSER) data to the U.S. Department of Education. During the annual reporting period,<sup>9</sup> 272 public-school units (PSUs) incurred \$1.5 billion in expenditures related to the program.</p> <p>Auditors reviewed the expenditures reported in the ESSER Annual Report for a sample of 60 PSU’s and found the following errors:</p> <ul style="list-style-type: none"> <li>• 20 PSUs (33%) were included with inaccurate expenditure amounts, resulting in total errors of \$69 million.</li> <li>• 29 PSUs (48%) were included without required information, including the number of full-time equivalent (FTE) positions funded and/or the criteria used to allocate funds.</li> </ul> <p>Inaccurate reporting of ESSER data prevents the U.S. Department of Education from monitoring the state’s progress on preventing, preparing for, and responding to coronavirus impacts on education. Additionally, any subsequent use of the data for public transparency could provide an inaccurate view of ESSER program spending to citizens.</p> <p>According to Department management, the ESSER Annual Report was prepared using data from several sources and the data was not reconciled to ensure accuracy.</p> <p>Federal regulations<sup>10</sup> require that the Department submit an annual report describing how the State and subrecipients used the awarded funds.</p> <p>Federal regulations<sup>11</sup> also require the Department to establish and maintain effective internal control over federal awards that provide reasonable assurance that the Department is managing the program in compliance with federal statutes, regulations, and the terms and conditions of the federal award. The federal regulations define internal control to include the processes for achieving reliable reporting.</p> |

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<sup>9</sup> July 1, 2021, through June 30, 2022.

<sup>10</sup> U.S. Department of Education’s ESSER Recipient Data Collection Form (OMB:1810-0749).

<sup>11</sup> 2 CFR 200.303 - Internal Controls.

**84.425D Education Stabilization Fund – Elementary and Secondary School Emergency Relief Fund**  
(continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education

N.C. Department of Public Instruction

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; Assistance Listing Number (title): 84.425D (Elementary and Secondary School Emergency Relief Fund); Federal Award Identification Numbers (award periods): S425D200037 (COVID-19) (May 11, 2020 - September 30, 2021) and S425D210037 (COVID-19) (January 5, 2021 - September 30, 2022).</p> |
|   | <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Education; Assistance Listing Number (title): 84.425U (American Rescue Plan - Elementary and Secondary School Emergency Relief Fund); Federal Award Identification Number (award period): S425U210037 (COVID-19) (March 24, 2021 - September 30, 2023).</p>  |
|   | <p><i>Recommendation:</i> Department management should prioritize developing and implementing detailed review procedures over the ESSER Annual Report data to ensure accuracy.</p>  |
|   | <p>In addition, Department management should monitor the procedures to ensure corrective action takes place.</p>  |
|   | <p><i>Views of Responsible Officials of the Auditee:</i> The Department of Public Instruction concurs with the Auditor’s finding and recommendations. The data inaccuracies noted have been corrected and were submitted via email to the U.S. Department of Education on December 12, 2023.</p>  |

**84.425U Education Stabilization Fund – American Rescue Plan – Elementary and Secondary School Emergency Relief Fund**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Education  
 N.C. Department of Public Instruction  
 For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs            | Findings and Recommendations   |
|----------|--|--|
| 2023-010 | <u>Reporting:</u><br><br>Significant<br>Deficiency | <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Public Instruction (Department) did not submit complete, accurate, and timely Federal Funding Accountability and Transparency Act (FFATA) reporting for the Education Stabilization Fund - Elementary School Emergency Relief (ESSER), Supporting Effective Instruction (SEI), and Title I Grants to Local Educational Agencies (Title I) programs. See finding 2023-007 for a description.</p> <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-013.</b></p> |
| 2023-011 | <u>Reporting:</u><br><br>Significant<br>Deficiency | <p><u>Inaccurate Annual Reporting</u></p> <p>The Department of Public Instruction (Department) did not accurately report Education Stabilization Fund - Elementary and Secondary School Emergency Relief (ESSER) data to the U.S. Department of Education. During the annual reporting period, 272 public-school units (PSUs) incurred \$1.5 billion in expenditures related to the program. See Finding 2023-009 for a description.</p>   |

**93.499 Low Income Household Water Assistance Program**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs                      | Findings and Recommendations   |
|----------|--|--|
| 2023-012 | <p><u>Reporting:</u><br/><br/>Significant<br/>Deficiency</p> | <p><u>FFATA Reporting Not Completed</u></p> <p>The Department of Health and Human Services (Department) did not complete the Federal Funding Accountability and Transparency Act (FFATA) reporting for the Low Income Household Water Assistance Program (LIHWAP).</p> <p>Auditors reviewed all 85 subawards totaling \$16.8 million that were required to be reported to the FFATA Subaward Reporting System (FSRS) during the audit period and found that none were reported as required.</p> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management, FFATA reporting for LIHWAP was not completed during the audit period because unfilled vacancies reduced the number of staff available to carry out the FFATA reporting requirements.</p> <p>The FFATA<sup>12</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRS.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.499 (Low Income Household Water Assistance Program); Federal Award Identification Number (award period): 2101NCLWC6 (May 28, 2021 – September 30, 2023).</p> <p><i>Recommendation:</i> Department management should prioritize the development of a contingency plan to ensure FFATA reporting is completed during periods of staff shortages.</p> <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with this finding. While there are still vacant positions, some Business Operations Budget roles were filled. We will ensure compliance with the FFATA reporting requirement as we progress through transitional and crucial core operations.</p> |

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<sup>12</sup> 2 CFR 170 Appendix A.

**93.658 Foster Care Title IV-E**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations  |
|----------|---|---|
| 2023-013 | <p><u>Activities Allowed or Unallowed:</u></p> <p>Significant Deficiency</p> <p><u>Allowable Costs/ Cost Principles:</u></p> <p>Significant Deficiency</p> <p>Questioned Cost Finding</p> <p>\$26,050</p> | <p><u>Foster Care Funding Used Incorrectly</u></p> <p>The Department of Health and Human Services (Department) incorrectly used Foster Care Title IV-E (Foster Care) funds to reimburse counties. During the audit period, the Department reimbursed counties approximately \$28.8 million to cover the costs of care for 5,834 beneficiaries.</p> <p>Auditors reviewed the \$28.8 million in Foster Care reimbursement payments and found that the Division of Social Services<sup>13</sup> (DSS) used Foster Care funds to reimburse a county for a beneficiary that was also receiving Supplemental Security Income (SSI). The Title IV-E State plan does not allow a beneficiary that is receiving SSI to also receive Title IV-E Foster Care funding. Payments totaling \$35,504 (\$26,050 federal share) were reimbursed to the county for the beneficiary.</p> <p>As a result, there is an increased cost to the Foster Care program for both the State and the federal government. In addition, the Department may be required to pay \$26,050 (federal share) back to the federal government.</p> <p>According to Department management, the error occurred because of inaccurate application of established eligibility policies by the county DSS staff.</p> <p>Federal regulations<sup>14</sup> require the Department to have an approved Title IV-E State plan in order to be eligible to receive federal funding for the Foster Care program. Per the Title IV-E State plan, when a child is eligible for both Foster Care and SSI, the county DSS office may choose to use either Foster Care or SSI to fund the child’s cost of care. Information regarding the benefits available under each program should be carefully considered by the county DSS so that an informed decision can be made in the child’s best interest.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.658 (Foster Care Title IV-E); Federal Identification Award Number (award period): 2301NCFOST (October 1, 2022 – September 30, 2023).</p> <p><i>Recommendation:</i> Department management should analyze the error to specifically identify why the error occurred and develop additional training or establish other procedures to prevent future errors from occurring.</p> |

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<sup>13</sup> The Division of Social Services is the division within the Department that is responsible for administering the Foster Care program.

<sup>14</sup> 45 CFR 1356.20.

**93.658 Foster Care Title IV-E** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs                     | Findings and Recommendations   |
|---|--|
| 2023-014 <u>Reporting:</u><br><br>Significant<br>Deficiency | <p>In addition, Department management should determine if the Foster Care funds should be recouped.</p> <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with the finding and auditor’s recommendation. The Division of Social Services implemented measures to prevent future non-compliance in Title IV-E Foster Care eligibility and recouped the funds.</p> <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Health and Human Services (Department) did not submit complete and timely subaward information for subrecipients of the Foster Care Title IV-E (Foster Care) Program to the Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting System (FSRS).</p> <p>Auditors reviewed all 329 subawards totaling \$88.5 million that were required to be reported to the FSRS during the audit period and found the following errors:</p> <ul style="list-style-type: none"> <li>• 246 subawards totaling \$65.2 million were not reported at all.</li> <li>• 83 subawards totaling \$23.3 million were reported 134 days late.</li> </ul> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management, the required FFATA reporting for the Foster Care program was not completed because of turnover in the Division of Social Services<sup>15</sup> Business Operations Section.</p> <p>The FFATA<sup>16</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRS no later than the end of the month following the month in which the obligation was made.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.658 (Foster Care Title IV-E); Federal Award Identification Numbers (award periods):</p> |

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<sup>15</sup> The Division of Social Services is the division within the Department that is responsible for administering the Foster Care program.

<sup>16</sup> 2 CFR 170 Appendix A.

**93.658 Foster Care Title IV-E** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations   |
|---|--|
|   | <p data-bbox="550 583 1479 642">2201NCFOST (October 1, 2021 – September 30, 2022) and 2301NCFOST (October 1, 2022 – September 30, 2023).</p> <p data-bbox="550 678 1479 764"><i>Recommendation:</i> Department management should prioritize the development of a contingency plan to ensure that FFATA reporting is completed when employee turnover occurs.</p> <p data-bbox="550 800 1479 919"><i>Views of Responsible Officials of the Auditee:</i> Management agrees with this finding. Management will implement plans to ensure compliance with the FFATA reporting requirement as we progress through transitional and crucial core operations.</p> |



**93.659 Adoption Assistance**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs  | Findings and Recommendations   |
|----------|--|--|
| 2023-015 | <u>Activities Allowed or Unallowed:</u>  | <u>Deficiencies in the Adoption Assistance Eligibility Determination Process</u>   |
|          | Significant Deficiency                   | The Department of Health and Human Services (Department) made Adoption Assistance Title IV-E (Adoption Assistance) benefit payments to adoptive parents based on inaccurate eligibility determinations. During the audit period, approximately 13,500 beneficiaries received \$72.3 million in Adoption Assistance benefits.   |
|          | <u>Allowable Costs/ Cost Principles:</u> |  |
|          | Significant Deficiency                   |  |
|          | <u>Eligibility:</u>                      |  |
|          | Significant Deficiency                   | The task of determining eligibility for the Adoption Assistance program has been delegated to the county departments of social services (DSS). <sup>17</sup> However, the Department was responsible for ensuring compliance with the eligibility requirements.  |
|          | Questioned Cost Finding                  |  |
|          | \$9,042                                  | Auditors redetermined eligibility for a sample of 93 beneficiaries that had benefits totaling \$611,796 paid to adoptive parents on their behalf during the audit period and found one (1.01%) beneficiary that did not meet the program's special needs eligibility requirements.   |
|          | 2201NCADPT - \$2,279                     |  |
|          | 2301NCADPT - \$6,763                     | While evaluating the eligibility error, auditors also identified a sibling of the beneficiary that received Adoption Assistance benefits. After reviewing the sibling's case file, auditors determined that the sibling also did not meet the program's special needs eligibility requirements.  |
|          |  | Payments totaling \$12,336 (\$9,042 federal share) were paid to adoptive parents on behalf of these ineligible beneficiaries.  |
|          |  | As a result, there is an increased cost to the Adoption Assistance program for both the State and the federal government. Even though the tests identified only \$12,336 (\$9,042 federal share) that was paid on behalf of ineligible beneficiaries, if tests were extended to the entire population, questioned costs could be greater than \$25,000 <sup>18</sup> and the Department may be required to pay the federal share back to the federal government. |
|          |  | According to Department management, the errors occurred because of inaccurate application of established eligibility policies by the county DSS staff. The county DSS staff utilize the Child Placement and Payment System (CPPS) to input data and make eligibility determinations; however, the Department is  |

<sup>17</sup> North Carolina General Statute §108A-25(a).

<sup>18</sup> 2 CFR 200.516(a)(3) requires auditors to report known questioned costs when likely questioned costs are greater than \$25,000 for a type of compliance requirement for a major program.

**93.659 Adoption Assistance** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p>responsible for establishing the eligibility determination policies, maintaining CPPS, and facilitating training.</p> <p>Federal regulations<sup>19</sup> provide adoption assistance to adoptive parents for a child with special needs. Special needs means that there is a specific factor or condition, such as ethnic background, age, or membership in a minority or sibling group, or the presence of factors such as medical conditions or physical, mental, or emotional handicaps.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.659 (Adoption Assistance); Federal Award Identification Numbers (award periods): 2201NCADPT (October 1, 2021 - September 30, 2022) and 2301NCADTP (October 1, 2022 - September 30, 2023).</p> <p><i>Recommendation:</i> Department management should analyze each error to specifically identify why the errors occurred and develop additional training or establish other procedures to prevent future errors from occurring.</p> <p>In addition, Department management should determine if the Adoption Assistance funds should be recouped.</p> <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with the finding and auditor’s recommendation. The Division of Social Services implemented measures to prevent future non-compliance in Title IV-E Adoption Assistance eligibility and recouped the funds.</p> |

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<sup>19</sup> 42 U.S. Code 673(c)(2)(B)(i).

**93.778 Medical Assistance Program**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs  | Findings and Recommendations   |
|----------|--|--|
| 2023-016 | <u>Activities Allowed or Unallowed:</u>  | <u>Deficiencies in the Medicaid Eligibility Determination Process</u>  |
|          | Significant Deficiency                   | The Department of Health and Human Services (Department) made Medical Assistance Program (Medicaid) payments to providers based on inaccurate and inadequately documented eligibility determinations. During the audit period, approximately 2.3 million beneficiaries received \$18.6 billion in Medicaid benefits.   |
|          | <u>Allowable Costs/ Cost Principles:</u> |  |
|          | Significant Deficiency                   | The task of determining eligibility for the Medicaid program has been delegated to the county departments of social services (DSS). <sup>20</sup> However, the Department was responsible for ensuring compliance with the eligibility requirements.   |
|          | <u>Eligibility:</u>                      |  |
|          | Significant Deficiency                   | Auditors redetermined eligibility for a sample of 111 beneficiaries <sup>21</sup> that had benefits totaling \$34 million paid on their behalf during the audit period. Auditors found two (1.8%) beneficiaries that were ineligible because they moved out of state and continued to receive benefits they were not entitled to receive. Payments totaling \$7,982 (federal share \$5,894) were paid on behalf of these beneficiaries.          |
|          | Questioned Cost Finding                  |  |
|          | \$5,894                                  |  |
|          | 2205NCMAP - \$1,786                      |  |
|          | 2305NCMAP - \$4,108                      | In addition to the eligibility errors noted above, auditors also identified 38 beneficiaries whose case files were either missing required eligibility documentation, such as self-employment verification, or inaccurate calculations and household composition were used. However, when auditors redetermined eligibility using the correct information, the beneficiaries were found to be eligible.  |
|          |  | As a result, there is an increased cost to the Medicaid Program for both the state and federal government. The program is jointly financed by these two governments and is administered by the state. Even though the tests only identified \$7,982 (federal share \$5,894) that was paid on behalf of ineligible beneficiaries, if tests were extended to the entire population, questioned costs <sup>22</sup> could be greater than \$25,000. |
|          |  | Although \$7,982 (\$5,894 federal share) resulted from the errors identified, the amount of Medicaid funds paid on behalf of ineligible beneficiaries is likely greater. Self-attestation by applicants is accepted for certain elements of the  |

<sup>20</sup> North Carolina General Statute 108A-25(b).

<sup>21</sup> The 111 items that were redetermined included 18 items that were deemed individually important. These items were removed from the population and tested 100%. The other 93 items were selected from the remaining population.

<sup>22</sup> 2 CFR.200.516(a)(3) requires auditors to report known questioned costs when likely questioned costs are greater than \$25,000 for a type of compliance requirement for a major program.

**93.778 Medical Assistance Program** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p>Modified Adjusted Gross Income (MAGI) methodology of determining eligibility<sup>23</sup> and further verification or documentation is not required. Auditors tested participant eligibility using the documentation contained in the case files, which includes self-attested data that could not be verified by the auditors.</p> <p>According to Department management, the errors occurred because of inaccurate application of established eligibility policies by the county DSS staff. The county DSS staff utilize NC FAST<sup>24</sup> to input data and make eligibility determinations; however, the Department is responsible for establishing the eligibility determination policies, maintaining NC FAST, and facilitating training.</p> <p>Federal regulations<sup>25</sup> require that the Department, or its designee, determine eligibility for all individuals applying for or receiving benefits in accordance with eligibility requirements defined in the approved state plan.</p> <p>Further, federal regulations<sup>26</sup> require that documentation be obtained as needed to determine if a beneficiary meets specific income standards and documentation must be maintained to support eligibility determinations.</p> <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-023.</b></p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.778 (Medical Assistance Program (Medicaid; Title XIX)); Federal Award Identification Numbers (award periods): 2205NC5MAP (October 1, 2021 – September 30, 2022) and 2305NC5MAP (October 1, 2022 – September 30, 2023).</p> <p><i>Recommendation:</i> Department management should analyze each error to specifically identify why the errors occurred and develop additional training or establish other procedures as necessary to prevent future errors from occurring.</p> <p><i>Views of Responsible Officials of the Auditee:</i> The Department agrees with this finding. As required by the North Carolina Legislature, the Department has delegated the administration of Medicaid eligibility determinations to the 100</p> |

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<sup>23</sup> Approximately \$7.5 billion, or 41%, of total Medicaid payments were for beneficiaries whose eligibility was determined using the MAGI methodology.

<sup>24</sup> The North Carolina Families Accessing Services Through Technology (NC FAST) is the eligibility system used in the Medicaid Program.

<sup>25</sup> 42 CFR 431.10(b)(3).

<sup>26</sup> 42 CFR 435.

**93.778 Medical Assistance Program (continued)**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations  |
|---|---|
|   | <p>local county offices of the Division of Social Services (DSS). The Department provides the North Carolina Families Accessing Services Through Technology (NC FAST) the system, issues eligibility policies, facilitates training and provides technical support to the county DSS offices to enable their administration of eligibility determinations. Using Centers for Medicare &amp; Medicaid Services' (CMS) Payment Error Rate Measurement PERM standards as a model, the Department set an acceptable error rate of 3.2% for the accuracy of county eligibility determinations. The Department monitors the accuracy of each county's eligibility determinations and implements accuracy improvement plans, as necessary. As part of the monitoring process, the Department engages with the counties to determine if adjustments are needed to the policy, training facilitation or the NC FAST system. The Department reviewed the errors identified in the audit and will take appropriate steps to correct the improper eligibility determinations.</p> |

**93.788 Opioid STR**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs                 | Findings and Recommendations  |
|----------|---|---|
| 2023-017 | <p><u>Reporting:</u><br/>Significant<br/>Deficiency</p> | <p><u>FFATA Reporting Not Completed</u></p> <p>The Department of Health and Human Services (Department) did not complete the Federal Funding Accountability and Transparency Act (FFATA) reporting for the State Opioid Response (Opioid) grant program to the Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting System (FSRS).</p> <p>Auditors reviewed all 30 subawards totaling \$35.9 million that were required to be reported to the FSRS during the audit period and found that none were reported as required.</p> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management, the Division of Mental Health, Developmental Disabilities and Substance Abuse Services (DMH/DD/SAS) did not complete the FFATA reporting due to essential staff turnover across the Division.</p> <p>The FFATA<sup>27</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRS.</p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.788 (Opioid STR); Federal Award Identification Numbers (award periods): H79TI083312 (September 30, 2021 – September 29, 2023) and H79TI085757 (September 30, 2022 – September 29, 2023).</p> <p><i>Recommendation:</i> Department management should establish a contingency plan to ensure FFATA reporting is completed when employee turnover occurs.</p> <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with this finding and recommendation. The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMHDDSUS) Business and Finance Office did not have the necessary staff adequately trained in FFATA reporting during SFY23 which led to reports not being completed. The Division hired a new Business Allocation Manager in July 2023 to oversee the FFATA reporting</p> |

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<sup>27</sup> 2 CFR 170 Appendix A.

**93.788 Opioid STR** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations   |
|---|--|
| 2023-018                                | process and new policies and procedures were developed. DMHDDSUS will review and revise the FFATA reporting process to include a contingency plan for staff turnover.  |
| Subrecipient<br>Monitoring:             | <u>Inadequate Subrecipient Monitoring</u>  |
| Material<br>Weakness                    | The Department of Health and Human Services (Department) did not adequately monitor \$39.1 million in federal funds passed to subrecipients to address the opioid abuse crisis.  |
| Material<br>Noncompliance               | Auditors reviewed the monitoring procedures over all nine subrecipients that received State Opioid Response (Opioid) funds during the period. The Department's monitoring procedures required reviews over both fiscal and program areas for all subrecipients. However, auditors found that no reviews were completed for eight (89%) subrecipients that received \$38.9 million in Opioid funds. |
|   | Inadequate monitoring increases the risk that federal funds may not be used in accordance with the federal requirements, which may reduce the funding available for opioid treatment and prevention services.  |
|   | According to Department management, the Department implemented a pause in monitoring due to the coronavirus pandemic; however, management did not get approval from the federal oversight agency.  |
|   | Federal regulations <sup>28</sup> require the Department to monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes, in compliance with federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.   |
|   | <i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.788 (Opioid STR); Federal Award Identification Numbers (award periods): H79TI083312 (September 30, 2021 – September 29, 2023) and H79TI085757 (September 30, 2022 – September 29, 2023).  |
|   | <i>Recommendation:</i> Department management should obtain federal oversight agency approval to deviate from required processes and procedures.  |

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<sup>28</sup> 2 CFR 200.332(d).

**93.788 Opioid STR** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations |
|---|------------------------------|
|---|------------------------------|

In addition, Department management should dedicate resources to:

- Review and revise monitoring procedures as necessary in response to the operations impacted by the pandemic to ensure funds are used in accordance with federal requirements.
- Follow-up on revised monitoring procedures to ensure corrective action is taken.

*Views of Responsible Officials of the Auditee:* Management agrees with the finding and recommendation. The eight subrecipients were not monitored because the Division of Mental Health, Developmental Disabilities, and Substance Use Services prioritized support of the Department's ongoing response to the global COVID-19 pandemic (e.g., outreach, prevention, testing, vaccination). This resulted in a pause in monitoring of subrecipients. The Division is in the final stages of updating and strengthening its subrecipient monitoring policy and process. Those updates will include, among other things, requesting federal approval prior to deviating from required processes and procedures. The Division will ensure appropriate monitoring during times of business interruption, such as a public health emergency, or periods of high staff vacancies.



**93.959 Block Grants for the Prevention and Treatment of Substance Abuse**

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

|          | Type of Finding/<br>Questioned<br>Costs                    | Findings and Recommendations  |
|----------|--|---|
| 2023-019 | <p><u>Reporting:</u></p> <p>Significant<br/>Deficiency</p> | <p><u>Errors in FFATA Reporting</u></p> <p>The Department of Health and Human Services (Department) did not submit complete, accurate, and timely subaward information for subrecipients of the Federal Funding Accountability and Transparency Act (FFATA) reporting for the Substance Abuse Block Grant (SABG) to the Federal Funding Accountability and Transparency Act (FFATA) Subaward Reporting System (FSRS).</p> <p>Auditors reviewed all 113 subawards totaling \$77.5 million that were required to be reported to the FSRS during the audit period and found the following errors:</p> <ul style="list-style-type: none"> <li>• 105 subawards totaling \$76.3 million were not reported at all.</li> <li>• 3 subawards totaling \$167.1 thousand were reported 6 to 40 days late.</li> </ul> <p>In addition, auditors found that the Department reported \$13.6 million in subaward expenditures that did not agree to supporting documentation.</p> <p>The FFATA was enacted to help reduce wasteful spending in government by empowering every American citizen with the ability to hold the government accountable for each spending decision. When subaward information is not reported to the FSRS, citizens do not have complete and accurate information about how federal funds are being used in their communities.</p> <p>According to Department management, the Division of Mental Health, Developmental Disabilities and Substance Abuse Services (DMH/DD/SAS) did not complete the FFATA reporting due to essential staff turnover across the Division.</p> <p>The FFATA<sup>29</sup> requires direct recipients of grants or cooperative agreements to report first-tier subawards of \$30,000 or more to the FSRS no later than the end of the month following the month in which the obligation was made.</p> <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-026.</b></p> <p><i>Federal Award Information:</i> Federal Awarding Agency: U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.959 (Block Grants for Prevention and Treatment of Substance Abuse); Federal Award Identification Numbers (award periods): B08TI083468 (October 1, 2020 - September 30, 2022), B08TI083540 (March 15, 2021 – March 14, 2024),</p> |

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<sup>29</sup> 2 CFR 170 Appendix A.

**93.959 Block Grants for the Prevention and Treatment of Substance Abuse** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs   | Findings and Recommendations   |
|---|--|
|   | <p>B08TI083959 (September 1, 2021 – September 30, 2025), B08TI084599 (September 1, 2021 – September 30, 2025), B08TI084663 (October 1, 2021 – September 30, 2023), and B08TI085825 (October 1, 2022 – September 30, 2024).</p> <p><i>Recommendation:</i> Department management should prioritize the development of a contingency plan to ensure FFATA reporting is completed when employee turnover occurs.</p> <p>In addition, Department management should monitor the contingency plan to ensure corrective action is taken.</p> <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with this finding and recommendation. The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMHDDSUS) Business and Finance Office did not have the necessary staff adequately trained in FFATA reporting during SFY23 which led to reporting errors and reports not being completed. The Division hired a new Business Allocation Manager in July 2023 to oversee the FFATA reporting process and new policies and procedures were developed. DMHDDSUS will review and revise the FFATA reporting process to include a contingency plan for staff turnover.</p> |
| <p>2023-020 Subrecipient<br/>Monitoring:<br/>Material<br/>Weakness<br/>Material<br/>Noncompliance</p> | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Department of Health and Human Services (Department) did not adequately monitor \$59.6 million in federal funds passed to subrecipients for providing treatment and prevention services for substance abuse.</p> <p>Auditors reviewed the monitoring procedures over all 36 subrecipients that received substance abuse block grant (SABG) funds during the period. The Department’s monitoring procedures required reviews over both fiscal and program areas for all subrecipients. However, auditors found that no reviews were completed for 34 (94%) subrecipients that received \$58.6 million in SABG funds.</p> <p>Inadequate monitoring increases the risk that federal funds may not be used in accordance with the federal requirements, which may reduce the funding available for substance abuse treatment and prevention services.</p> <p>According to Department management, the Department implemented a pause in monitoring due to the coronavirus pandemic; however, management did not get approval from the federal oversight agency.</p>   |

**93.959 Block Grants for the Prevention and Treatment of Substance Abuse** (continued)

**III. Federal Award Findings and Questioned Costs**

U.S. Department of Health and Human Services

N.C. Department of Health and Human Services

For the Fiscal Year Ended June 30, 2023

| Type of Finding/<br>Questioned<br>Costs | Findings and Recommendations   |
|---|--|
|   | <p>Federal regulations<sup>30</sup> require the Department to monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes, in compliance with federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.</p>   |
|   | <p><b>This finding was previously reported in the 2022 Statewide Single Audit as finding number 2022-027.</b></p>  |
|   | <p><i>Federal Award Information: Federal Awarding Agency</i> U.S. Department of Health and Human Services; Assistance Listing Number (title): 93.959 (Block Grants for Prevention and Treatment of Substance Abuse); Federal Award Identification Numbers (award periods): B08TI083468 (October 1, 2020 – September 30, 2022), B08TI084663 (October 1, 2021 – September 30, 2023), B08TI083959 (September 1, 2021 – September 30, 2025), B08TI084599 (September 1, 2021 – September 30, 2025), B08TI083540 (March 15, 2021 – March 14, 2024) and B08TI085825 (October 1, 2022 – September 30, 2024).</p>   |
|   | <p><i>Recommendation:</i> Department management should obtain federal oversight agency approval to deviate from required processes and procedures.</p>   |
|   | <p>In addition, Department management should dedicate resources to:</p>  |
|   | <ul style="list-style-type: none"> <li>• Review and revise monitoring procedures as necessary in response to the operations impacted by the pandemic to ensure funds are used in accordance with federal requirements.</li> <li>• Follow-up on revised monitoring procedures to ensure corrective action is taken.</li> </ul>  |
|   | <p><i>Views of Responsible Officials of the Auditee:</i> Management agrees with the finding and recommendation. The thirty-six subrecipients were not monitored because the Division of Mental Health, Developmental Disabilities, and Substance Use Services prioritized support of the Department’s ongoing response to the global COVID-19 pandemic (e.g., outreach, prevention, testing, vaccination). This resulted in a pause in monitoring of subrecipients. The Division is in the final stages of updating and strengthening its subrecipient monitoring policy and process. Those updates will include, among other things, requesting federal approval prior to deviating from required processes and procedures. The Division will ensure appropriate monitoring during times of business interruption, such as a public health emergency, or periods of high staff vacancies.</p> |

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<sup>30</sup> 2 CFR 200.332(d).

**Summary of Findings and Questioned Costs**

State of North Carolina

**Summary of Findings and Questioned Costs  
By Federal Agency**

For the Fiscal Year Ended June 30, 2023

| Federal Agency                                    | ALN      | Finding Number  | Finding  | Questioned Costs     |
|---|----------|---|--|----------------------|
| U.S. Department of Housing and Urban Development: | 14.228   | 2023-001  | Inadequate Monitoring of Subaward Expenditures | \$ 426,260           |
|   |          | 2023-002  | Inaccurate Annual Reporting                    | -                    |
|   |          | 2023-003  | Errors in FFATA Reporting                      | -                    |
|   |          |   |  | Total Federal Agency |
| U. S. Department of Commerce:                     | 17.258   | 2023-004  | Inadequate Subrecipient Monitoring             | -                    |
|   |          | 2023-005  | Inadequate Subrecipient Monitoring             | -                    |
|   | 17.278   | 2023-006  | Inadequate Subrecipient Monitoring             | -                    |
|   |          |   | Total Federal Agency                           | <u>-</u>             |
| U.S. Department of Education:                     | 84.010   | 2023-007  | Errors in FFATA Reporting                      | -                    |
|   |          | 2023-008  | Errors in FFATA Reporting                      | -                    |
|   | 84.425D  | 2023-009  | Inaccurate Annual Reporting                    | -                    |
|   | 84.425U  | 2023-010  | Errors in FFATA Reporting                      | -                    |
|   |          | 2023-011  | Inaccurate Annual Reporting                    | -                    |
|   |          |   | Total Federal Agency                           | <u>-</u>             |
| U.S Department of Health and Human Services:      | 93.499   | 2023-012  | FFATA Reporting Not Completed                  | -                    |
|   |          | 2023-013  | Foster Care Funds Used Incorrectly             | 26,050               |
|   | 93.658   | 2023-014  | Errors in FFATA Reporting                      | -                    |
|   |          |   |  |                      |
| 93.659  | 2023-015 | Deficiencies in the Adoption Assistance Eligibility Determination Process | 9,042  |                      |
|   |          |   | <u>9,042</u>                                   |                      |
| 93.778  | 2023-016 | Deficiencies in the Medicaid Eligibility Determination Process            | 5,894  |                      |
|   |          |   | <u>5,894</u>                                   |                      |

State of North Carolina

**Summary of Findings and Questioned Costs  
By Federal Agency**

For the Fiscal Year Ended June 30, 2023

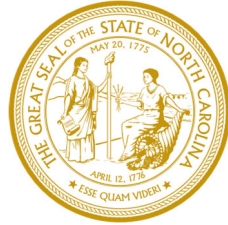
| Federal Agency   | ALN    | Finding Number                     | Finding                            | Questioned Costs  |
|--|--------|------------------------------------|------------------------------------|-------------------|
| U.S Department of Health and Human Services: (continued) | 93.788 | 2023-017                           | FFATA Reporting Not Completed      | -                 |
|  |        | 2023-018                           | Inadequate Subrecipient Monitoring | -                 |
|  |        |                                    |                                    | <u>-</u>          |
|  | 93.959 | 2023-019                           | Errors in FFATA Reporting          | -                 |
| 2023-020   |        | Inadequate Subrecipient Monitoring | -                                  |                   |
|  |        |                                    | <u>-</u>                           |                   |
| Total Federal Agency                                     |        |                                    |                                    | <u>40,986</u>     |
| Total Questioned Costs                                   |        |                                    |                                    | <u>\$ 467,246</u> |

State of North Carolina

**Summary of Findings and Questioned Costs  
By State Agency**

For the Fiscal Year Ended June 30, 2023

| State Agency                  |    | Finding<br>Numbers   | Questioned<br>Costs                |            |
|-------------------------------|----|--|------------------------------------|------------|
| Commerce:                     | 1  | Inadequate Monitoring of Subaward Expenditures                               | 2023-001                           | \$ 426,260 |
|                               | 2  | Inaccurate Annual Reporting  | 2023-002                           | -          |
|                               | 3  | Errors in FFATA Reporting  | 2023-003                           | -          |
|                               | 4  | Inadequate Subrecipient Monitoring   | 2023-004,<br>2023-005,<br>2023-006 | -          |
|                               |    |  | Total State Agency                 | 426,260    |
| Health and Human<br>Services: | 5  | FFATA Reporting Not Completed  | 2023-012                           | -          |
|                               | 6  | Foster Care Funds Used Incorrectly   | 2023-013                           | 26,050     |
|                               | 7  | Errors in FFATA Reporting  | 2023-014                           | -          |
|                               | 8  | Deficiencies in the Adoption Assistance Eligibility Determination<br>Process | 2023-015                           | 9,042      |
|                               | 9  | Deficiencies in the Medicaid Eligibility Determination Process               | 2023-016                           | 5,894      |
|                               | 10 | FFATA Reporting Not Completed  | 2023-017                           | -          |
|                               | 11 | Inadequate Subrecipient Monitoring   | 2023-018                           | -          |
|                               | 12 | Errors in FFATA Reporting  | 2023-019                           | -          |
|                               | 13 | Inadequate Subrecipient Monitoring   | 2023-020                           | -          |
|                               |    | Total State Agency   | 40,986                             |            |
| Public Instruction:           | 14 | Errors in FFATA Reporting  | 2023-007,<br>2023-008,<br>2023-010 | -          |
|                               | 15 | Inaccurate Annual Reporting  | 2023-009,<br>2023-011              | -          |
|                               |    |  | Total State Agency                 | -          |
|                               |    | Total Questioned Costs   | \$ 467,246                         |            |



# Auditee's Section



**Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023**

**Prepared by  
Office of the State Controller**

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| Federal         |                         |                              |  |
|-----------------|-------------------------|------------------------------|--|
| Cluster/<br>ALN | Program<br>Expenditures | Subrecipient<br>Expenditures | Cluster Title/ ALN Title   |
| AGEC            | \$ 53,505,692           | \$ 51,419,156                | Aging Cluster  |
| CCDF            | 734,664,108             | 47,446,604                   | CCDF Cluster   |
| CDBG            | 85,793                  |                              | CDBG - Entitlement Grants Cluster  |
| CHNC            | 735,816,464             | 734,931,984                  | Child Nutrition Cluster  |
| CWSR            | 52,607,704              | 50,369,761                   | Clean Water State Revolving Fund (CWSRF) Cluster   |
| DISI            | 66,146,345              |                              | Disability Insurance/SSI Cluster   |
| DWSR            | 62,998,457              | 55,511,105                   | Drinking Water State Revolving Fund (DWSRF) Cluster  |
| EFAC            | 45,624,499              | 44,323,019                   | Food Distribution Cluster  |
| EMPS            | 29,573,831              |                              | Employment Service Cluster   |
| F&WC            | 34,111,523              | 1,390,203                    | Fish and Wildlife Cluster  |
| FEDT            | 8,627,232               | 7,933,710                    | Federal Transit Cluster  |
| FGSC            | 731,193                 |                              | Foster Grandparent/Senior Companion Cluster  |
| FMCSA           | 11,686,511              |                              | FMCSA Cluster  |
| HCCL            | 5,736,815               | 2,837,321                    | Health Center Program Cluster  |
| HEAD            | 486,201                 |                              | Head Start Cluster   |
| HVCL            | 6,845,791               | 6,019,819                    | Housing Voucher Cluster  |
| HWSC            | 14,672,742              | 4,283,901                    | Highway Safety Cluster   |
| MEDC            | 14,693,093,752          | 327,332,860                  | Medicaid Cluster   |
| PWED            | 4,369,272               | 1,140,422                    | Economic Development Cluster   |
| RD              | 1,278,588,409           | 224,506,152                  | Research and Development Cluster   |
| SFAC            | 1,859,446,891           |                              | Student Financial Assistance Cluster   |
| SNAP            | 4,790,295,172           | 127,682,440                  | SNAP Cluster   |
| SPEED           | 428,972,013             | 410,825,607                  | Special Education Cluster (IDEA)   |
| TRIO            | 24,562,261              |                              | TRIO Cluster   |
| TSPC            | 3,926,903               | 3,750,715                    | Transit Services Programs Cluster  |
| WIOA            | 75,319,787              | 58,057,987                   | WIOA Cluster   |
| 10.001          | 10,867                  |                              | Agricultural Research Basic and Applied Research   |
| 10.025          | 3,038,601               |                              | Plant and Animal Disease, Pest Control, and Animal Care  |
| 10.028          | 73,559                  |                              | Wildlife Services  |
| 10.147          | 49,990                  |                              | Outreach Education and Technical Assistance  |
| 10.153          | 7,751                   |                              | Market News  |
| 10.163          | 141,439                 | 70,839                       | Market Protection and Promotion  |
| 10.170          | 1,842,382               | 1,716,895                    | Specialty Crop Block Grant Program - Farm Bill   |
| 10.175          | 157,136                 |                              | Farmers Market and Local Food Promotion Program  |
| 10.176          | 131,011                 |                              | Dairy Business Innovation Initiatives  |
| 10.177          | 352,543                 | 68,290                       | Regional Food System Partnerships  |
| 10.182          | 1,000,000               | 1,000,000                    | Food Bank Network  |
| 10.185          | 2,637,478               | 2,637,478                    | Local Food for Schools Cooperative Agreement Program   |
| 10.187          | 4,047,031               | 3,732,328                    | The Emergency Food Assistance Program (TEFAP) Commodity Credit Corporation Eligible Recipient Funds                |
| 10.200          | 1,636                   |                              | Grants for Agricultural Research, Special Research Grants  |
| 10.202          | 1,112,839               |                              | Cooperative Forestry Research  |
| 10.203          | 8,288,394               |                              | Payments to Agricultural Experiment Stations Under the Hatch Act   |
| 10.206          | 1,844,196               |                              | Grants for Agricultural Research Competitive Research Grants   |
| 10.207          | 112,742                 |                              | Animal Health and Disease Research   |
| 10.210          | 149,847                 |                              | Higher Education – Graduate Fellowships Grant Program  |
| 10.212          | 50,770                  |                              | Small Business Innovation Research   |
| 10.215          | 73,016                  |                              | Sustainable Agriculture Research and Education   |
| 10.216          | 192,673                 |                              | 1890 Institution Capacity Building Grants  |
| 10.217          | 3,188                   |                              | Higher Education - Institution Challenge Grants Program  |
| 10.220          | 47,652                  |                              | Higher Education - Multicultural Scholars Grant Program  |
| 10.229          | 192,637                 |                              | Extension Collaborative on Immunization Teaching & Engagement  |
| 10.250          | 134,173                 | 26,300                       | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations                                |
| 10.253          | 3,165                   |                              | Consumer Data and Nutrition Research   |
| 10.304          | 28,560                  |                              | Homeland Security Agricultural   |
| 10.310          | 639,098                 | 9,357                        | Agriculture and Food Research Initiative (AFRI)  |
| 10.311          | 328,853                 |                              | Beginning Farmer and Rancher Development Program   |
| 10.319          | 36,495                  |                              | Farm Business Management and Benchmarking Competitive Grants Program   |
| 10.328          | 104,445                 |                              | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program |
| 10.329          | 1,460,491               | 411,708                      | Crop Protection and Pest Management Competitive Grants Program   |
| 10.331          | 31,992                  |                              | Food Insecurity Nutrition Incentive Grants Program   |
| 10.351          | 267,981                 | 59,305                       | Rural Business Development Grant   |
| 10.435          | 143,826                 |                              | State Mediation Grants   |
| 10.443          | 296,944                 | 85,000                       | Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers                                |

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| Federal         |                         |                              |  |
|-----------------|-------------------------|------------------------------|--|
| Cluster/<br>ALN | Program<br>Expenditures | Subrecipient<br>Expenditures | Cluster Title/ ALN Title   |
| 10.475          | 4,767,224               |                              | Cooperative Agreements with States for Intrastate Meat and Poultry Inspection                    |
| 10.479          | 116,143                 |                              | Food Safety Cooperative Agreements   |
| 10.500          | 2,329,227               | 237,105                      | Cooperative Extension Service  |
| 10.514          | 126,599                 |                              | Expanded Food and Nutrition Education Program  |
| 10.515          | 4,389                   |                              | Renewable Resources Extension Act and National Focus Fund Projects                               |
| 10.522          | 48,826                  | 4,800                        | Food and Agriculture Service Learning Program  |
| 10.523          | 598,394                 | 284,667                      | Centers of Excellence at 1890 Institutions   |
| 10.524          | 665,280                 |                              | Scholarships for Students at 1890 Institutions   |
| 10.525          | 1,870,789               | 59,605                       | Farm and Ranch Stress Assistance Network Competitive Grants Program                              |
| 10.527          | 36,116                  | 3,221                        | New Beginnings for Tribal Students   |
| 10.542          | 503,599,563             |                              | COVID-19 - Pandemic EBT Food Benefits  |
| 10.557          | 211,841,843             | 50,800,417                   | WIC Special Supplemental Nutrition Program for Women, Infants, and Children                      |
| 10.558          | 105,301,968             | 104,261,092                  | Child and Adult Care Food Program  |
| 10.560          | 9,607,014               |                              | State Administrative Expenses for Child Nutrition  |
| 10.572          | 89,400                  |                              | WIC Farmers' Market Nutrition Program (FMNP)   |
| 10.574          | 159                     |                              | Team Nutrition Grants  |
| 10.575          | 65,480                  |                              | Farm to School Grant Program   |
| 10.578          | 218,921                 |                              | WIC Grants To States (WGS)   |
| 10.579          | 1,399,770               | 1,399,770                    | Child Nutrition Discretionary Grants Limited Availability  |
| 10.649          | 4,524,329               |                              | COVID-19 - Pandemic EBT Administrative Costs   |
| 10.652          | 462,441                 |                              | Forestry Research  |
| 10.664          | 3,399,473               |                              | Cooperative Forestry Assistance  |
| 10.674          | 84,323                  |                              | Wood Utilization Assistance  |
| 10.676          | 22,854                  |                              | Forest Legacy Program  |
| 10.678          | 227,509                 |                              | Forest Stewardship Program   |
| 10.680          | 686,628                 |                              | Forest Health Protection   |
| 10.684          | 34,337                  |                              | International Forestry Programs  |
| 10.691          | 303,571                 |                              | Good Neighbor Authority  |
| 10.698          | 16,761                  |                              | State & Private Forestry Cooperative Fire Assistance   |
| 10.699          | 145,331                 |                              | Partnership Agreements   |
| 10.777          | 96,318                  |                              | Norman E. Borlaug International Agricultural Science and Technology Fellowship                   |
| 10.902          | 1,048,333               | 68,500                       | Soil and Water Conservation  |
| 10.912          | 191,775                 |                              | Environmental Quality Incentives Program   |
| 10.934          | 169,978                 |                              | Feral Swine Eradication and Control Pilot Program  |
| 10.960          | 13,888                  | 2,285                        | Technical Agricultural Assistance  |
| 10.962          | 244,782                 |                              | Cochran Fellowship Program-International Training-Foreign Participant                            |
| 10.U01          | 957,638                 |                              | U. S. Department of Agriculture  |
| 10.U02          | 4,457                   |                              | U. S. Department of Agriculture  |
| 10.U03          | 50,001                  |                              | U. S. Department of Agriculture  |
| 10.U04          | 8,433                   |                              | U. S. Department of Agriculture  |
| 10.U05          | 9,053                   |                              | U. S. Department of Agriculture  |
| 10.U06          | 12,364                  |                              | U. S. Department of Agriculture  |
| 10.U07          | 7,725                   |                              | U. S. Department of Agriculture  |
| 10.U08          | 14,759                  |                              | U. S. Department of Agriculture  |
| 11.020          | 92,312                  |                              | Cluster Grants   |
| 11.028          | 626,632                 | 397,308                      | Connecting Minority Communities Pilot Program  |
| 11.031          | 39,155                  | 39,155                       | Broadband Infrastructure Program   |
| 11.303          | 94,050                  |                              | Economic Development Technical Assistance  |
| 11.407          | 177,907                 |                              | Interjurisdictional Fisheries Act of 1986  |
| 11.417          | 791,708                 | 405,052                      | Sea Grant Support  |
| 11.419          | 3,008,048               |                              | Coastal Zone Management Administration Awards  |
| 11.420          | 745,649                 |                              | Coastal Zone Management Estuarine Research Reserves  |
| 11.427          | 9,496                   |                              | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements |
| 11.431          | 35,842                  | 21,751                       | Climate and Atmospheric Research   |
| 11.434          | 128,635                 |                              | Cooperative Fishery Statistics   |
| 11.435          | 60,644                  |                              | Southeast Area Monitoring and Assessment Program   |
| 11.439          | 100,622                 |                              | Marine Mammal Data Program   |
| 11.468          | 87,612                  |                              | Applied Meteorological Research  |
| 11.472          | 216,360                 | 173,954                      | Unallied Science Program   |
| 11.473          | 341,611                 |                              | Office for Coastal Management  |
| 11.474          | 420,402                 |                              | Atlantic Coastal Fisheries Cooperative Management Act  |
| 11.477          | 7,671,318               | 7,627,618                    | Fisheries Disaster Relief  |
| 11.549          | 6,830                   |                              | State and Local Implementation Grant Program   |
| 11.611          | 3,602,861               | 917,208                      | Manufacturing Extension Partnership  |
| 11.619          | 39,911                  |                              | Arrangements for Interdisciplinary Research Infrastructure                                       |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |   |
|-------------------------|---------------------------------|--------------------------------------|---|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/<br/>ALN Title</b>   |
| 11.805                  | 638,523                         |                                      | MBDA Business Center  |
| 12.300                  | 6,111                           |                                      | Basic and Applied Scientific Research   |
| 12.330                  | 70,861                          |                                      | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |
| 12.357                  | 372,039                         |                                      | ROTC Language and Culture Training Grants   |
| 12.400                  | 5,194,744                       |                                      | Military Construction, National Guard   |
| 12.401                  | 37,920,935                      |                                      | National Guard Military Operations and Maintenance (O&M) Projects                               |
| 12.404                  | 7,997,715                       |                                      | National Guard ChalleNGe Program  |
| 12.600                  | 897,026                         | 161,235                              | Community Investment  |
| 12.610                  | 31,629                          |                                      | Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies          |
| 12.630                  | 87,224                          |                                      | Basic, Applied, and Advanced Research in Science and Engineering                                |
| 12.800                  | 3,091                           |                                      | Air Force Defense Research Sciences Program   |
| 12.900                  | 206,158                         |                                      | Language Grant Program  |
| 12.902                  | 39,703                          |                                      | Information Security Grants   |
| 12.903                  | 91,943                          |                                      | GenCyber Grants Program   |
| 12.905                  | 64,181                          |                                      | CyberSecurity Core Curriculum   |
| 12.U01                  | 5,402                           |                                      | U. S. Department of Defense   |
| 12.U02                  | 21,280                          |                                      | U. S. Department of Defense   |
| 12.U03                  | 82,684                          |                                      | U. S. Department of Defense   |
| 12.U04                  | 428,999                         |                                      | U. S. Department of Defense   |
| 12.U05                  | 7,500                           |                                      | U. S. Department of Defense   |
| 12.U06                  | 26,792                          |                                      | U. S. Department of Defense   |
| 12.U07                  | 25,000                          |                                      | U. S. Department of Defense   |
| 12.U08                  | 239                             |                                      | U. S. Department of Defense   |
| 12.U09                  | 26,666                          |                                      | U. S. Department of Defense   |
| 12.U10                  | 32,325                          |                                      | U. S. Department of Defense   |
| 12.U11                  | 183,963                         |                                      | U. S. Department of Defense   |
| 12.U12                  | 500                             |                                      | U. S. Department of Defense   |
| 12.U13                  | 63                              |                                      | U. S. Department of Defense   |
| 12.U14                  | 85,627                          |                                      | U. S. Department of Defense   |
| 12.U15                  | 660                             |                                      | U. S. Department of Defense   |
| 12.U16                  | 163,583                         |                                      | U. S. Department of Defense   |
| 12.U17                  | 55,840                          |                                      | U. S. Department of Defense   |
| 12.U18                  | 30,412                          |                                      | U. S. Department of Defense   |
| 12.U19                  | 143,357                         |                                      | U. S. Department of Defense   |
| 12.U20                  | 3,816                           |                                      | U. S. Department of Defense   |
| 12.U21                  | 16,198                          |                                      | U. S. Department of Defense   |
| 12.U22                  | 79,139                          |                                      | U. S. Department of Defense   |
| 12.U23                  | 57,091                          |                                      | U. S. Department of Defense   |
| 12.U24                  | 3,156                           |                                      | U. S. Department of Defense   |
| 12.U25                  | 30,168                          |                                      | U. S. Department of Defense   |
| 12.U26                  | 39,150                          |                                      | U. S. Department of Defense   |
| 12.U27                  | 28,942                          |                                      | U. S. Department of Defense   |
| 12.U28                  | 4,651                           |                                      | U. S. Department of Defense   |
| 12.U29                  | 134,520                         |                                      | U. S. Department of Defense   |
| 13.U01                  | 41,575                          |                                      | U.S. Central Intelligence Agency  |
| 14.171                  | 178,868                         |                                      | Manufactured Home Dispute Resolution  |
| 14.228                  | 182,572,041                     | 45,241,222                           | Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii         |
| 14.231                  | 17,368,018                      | 16,986,907                           | Emergency Solutions Grant Program   |
| 14.241                  | 2,749,141                       | 2,702,409                            | Housing Opportunities for Persons with AIDS   |
| 14.401                  | 102,734                         |                                      | Fair Housing Assistance Program State and Local   |
| 15.232                  | 25,480                          |                                      | Joint Fire Science Program  |
| 15.614                  | 3,500                           |                                      | Coastal Wetlands Planning, Protection and Restoration   |
| 15.615                  | 500,938                         | 10,200                               | Cooperative Endangered Species Conservation Fund  |
| 15.616                  | 35,612                          | 20,015                               | Clean Vessel Act  |
| 15.622                  | 66,980                          |                                      | Sportfishing and Boating Safety Act   |
| 15.630                  | 46,998                          |                                      | Coastal   |
| 15.631                  | 47,672                          | 38,500                               | Partners for Fish and Wildlife  |
| 15.634                  | 1,453,517                       | 2,096                                | State Wildlife Grants   |
| 15.657                  | 393,121                         | 37,475                               | Endangered Species Recovery Implementation  |
| 15.684                  | 50,000                          |                                      | White-nose Syndrome National Response Implementation  |
| 15.807                  | 17,208                          |                                      | Earthquake Hazards Program Assistance   |
| 15.808                  | 66,854                          | 10,000                               | U.S. Geological Survey Research and Data Collection   |
| 15.810                  | 221,480                         |                                      | National Cooperative Geologic Mapping   |
| 15.814                  | 12,968                          |                                      | National Geological and Geophysical Data Preservation   |
| 15.904                  | 1,451,955                       | 170,975                              | Historic Preservation Fund Grants-In-Aid  |
| 15.926                  | 468,954                         |                                      | American Battlefield Protection   |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |   |
|-------------------------|---------------------------------|--------------------------------------|---|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/<br/>ALN Title</b>   |
| 15.928                  | 3,845,379                       | 747,600                              | Battlefield Land Acquisition Grants   |
| 15.931                  | 3,509                           |                                      | Conservation Activities by Youth Service Organizations                                      |
| 15.945                  | 299,766                         |                                      | Cooperative Research and Training Programs – Resources of the National Park System          |
| 15.957                  | 1,653,756                       | 124,559                              | Emergency Supplemental Historic Preservation Fund   |
| 15.U01                  | (1,287)                         |                                      | U. S. Department of Interior  |
| 15.U02                  | 117,632                         |                                      | U. S. Department of Interior  |
| 16.017                  | 342,131                         | 342,131                              | Sexual Assault Services Formula Program   |
| 16.034                  | 459,408                         |                                      | Coronavirus Emergency Supplemental Funding Program  |
| 16.525                  | 271,479                         | 97,894                               | Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus |
| 16.540                  | 1,769,824                       | 975,115                              | Juvenile Justice and Delinquency Prevention   |
| 16.543                  | 170,809                         | 170,809                              | Missing Children's Assistance   |
| 16.550                  | 20,899                          |                                      | State Justice Statistics Program for Statistical Analysis Centers                           |
| 16.560                  | 20,441                          |                                      | National Institute of Justice Research, Evaluation, and Development Project Grants          |
| 16.575                  | 51,468,813                      | 44,880,225                           | Crime Victim Assistance   |
| 16.576                  | 2,740,313                       | 2,526,117                            | Crime Victim Compensation   |
| 16.585                  | 724,637                         |                                      | Drug Court Discretionary Grant Program  |
| 16.588                  | 3,668,992                       | 2,441,884                            | Violence Against Women Formula Grants   |
| 16.593                  | 710,529                         |                                      | Residential Substance Abuse Treatment for State Prisoners                                   |
| 16.606                  | 9,144,217                       |                                      | State Criminal Alien Assistance Program   |
| 16.710                  | 2,601,243                       |                                      | Public Safety Partnership and Community Policing Grants                                     |
| 16.726                  | 35,473                          |                                      | Juvenile Mentoring Program  |
| 16.735                  | 10,449                          |                                      | PREA Program: Strategic Support for PREA Implementation                                     |
| 16.738                  | 5,172,196                       | 3,631,088                            | Edward Byrne Memorial Justice Assistance Grant Program                                      |
| 16.741                  | 2,408,072                       | 178,065                              | DNA Backlog Reduction Program   |
| 16.742                  | 124,870                         |                                      | Paul Coverdell Forensic Sciences Improvement Grant Program                                  |
| 16.751                  | 385,013                         |                                      | Edward Byrne Memorial Competitive Grant Program   |
| 16.752                  | 279,049                         |                                      | Economic, High-Tech, and Cyber Crime Prevention   |
| 16.812                  | 125,345                         |                                      | Second Chance Act Reentry Initiative  |
| 16.816                  | 3,005                           | 3,005                                | John R. Justice Prosecutors and Defenders Incentive Act                                     |
| 16.820                  | 425,646                         |                                      | Postconviction Testing of DNA Evidence  |
| 16.827                  | 141,964                         |                                      | Justice Reinvestment Initiative   |
| 16.831                  | 99,960                          |                                      | Children of Incarcerated Parents  |
| 16.833                  | 772,530                         |                                      | National Sexual Assault Kit Initiative  |
| 16.836                  | 58,495                          |                                      | Indigent Defense  |
| 16.839                  | 432,479                         |                                      | STOP School Violence  |
| 16.922                  | 442,460                         |                                      | Equitable Sharing Program   |
| 17.002                  | 1,533,010                       |                                      | Labor Force Statistics  |
| 17.005                  | 181,251                         |                                      | Compensation and Working Conditions   |
| 17.225                  | 386,053,659                     |                                      | Unemployment Insurance  |
| 17.235                  | 1,721,143                       | 1,593,626                            | Senior Community Service Employment Program   |
| 17.245                  | 2,605,503                       |                                      | Trade Adjustment Assistance   |
| 17.261                  | 822,126                         | 381,988                              | WIOA Pilots, Demonstrations, and Research Projects  |
| 17.265                  | 402,899                         | 75,103                               | Native American Employment and Training   |
| 17.267                  | 55,458                          |                                      | Incentive Grants - WIA Section 503  |
| 17.268                  | 1,157,456                       | 384,294                              | H-1B Job Training Grants  |
| 17.270                  | 1,340,629                       | 40,836                               | Reentry Employment Opportunities  |
| 17.271                  | 614,506                         |                                      | Work Opportunity Tax Credit Program (WOTC)  |
| 17.273                  | 744,589                         |                                      | Temporary Labor Certification for Foreign Workers   |
| 17.274                  | 482,512                         |                                      | YouthBuild  |
| 17.277                  | 1,899,208                       | 1,773,474                            | WIOA National Dislocated Worker Grants / WIA National Emergency Grants                      |
| 17.280                  | 520,808                         |                                      | WIOA Dislocated Worker National Reserve Demonstration Grants                                |
| 17.281                  | 3,406,463                       |                                      | WIOA Dislocated Worker National Reserve Technical Assistance and Training                   |
| 17.285                  | 476,058                         |                                      | Apprenticeship USA Grants   |
| 17.287                  | 1,075,182                       |                                      | Job Corps Experimental Projects and Technical Assistance                                    |
| 17.503                  | 6,454,866                       |                                      | Occupational Safety and Health State Program  |
| 17.504                  | 1,614,465                       |                                      | Consultation Agreements   |
| 17.600                  | 180,871                         |                                      | Mine Health and Safety Grants   |
| 19.009                  | 168,732                         |                                      | Academic Exchange Programs - Undergraduate Programs   |
| 19.021                  | 57,250                          |                                      | Investing in People in The Middle East and North Africa                                     |
| 19.040                  | 184,706                         |                                      | Public Diplomacy Programs   |
| 19.408                  | 219,246                         |                                      | Academic Exchange Programs - Teachers   |
| 19.900                  | 137,859                         |                                      | AEECA/ESF PD Programs   |
| 19.U01                  | 1,218                           |                                      | U. S. Department of State   |
| 19.U02                  | 82                              |                                      | U. S. Department of State   |
| 20.106                  | 33,026,201                      | 27,421,185                           | Airport Improvement Program   |
| 20.111                  | 56,385                          |                                      | Aircraft Pilots Workforce Development Grant Program   |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |   |
|-------------------------|---------------------------------|--------------------------------------|---|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/ ALN Title</b>   |
| 20.200                  | 176,584                         |                                      | Highway Research and Development Program  |
| 20.205                  | 1,427,233,743                   | 66,811,255                           | Highway Planning and Construction   |
| 20.215                  | 233,398                         |                                      | Highway Training and Education  |
| 20.219                  | 1,116,810                       |                                      | Recreational Trails Program   |
| 20.224                  | 730,856                         |                                      | Federal Lands Access Program  |
| 20.232                  | 152,648                         |                                      | Commercial Driver's License Program Implementation Grant                                      |
| 20.301                  | 9,327                           |                                      | Railroad Safety   |
| 20.314                  | 82,563                          |                                      | Railroad Development  |
| 20.319                  | 31,791                          |                                      | High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants    |
| 20.505                  | 3,696,508                       | 2,593,417                            | Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research     |
| 20.509                  | 51,187,681                      | 45,968,274                           | Formula Grants for Rural Areas and Tribal Transit Program                                     |
| 20.528                  | 503,675                         |                                      | Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program |
| 20.530                  | 232,473                         | 232,473                              | Public Transportation Innovation  |
| 20.700                  | 742,805                         |                                      | Pipeline Safety Program State Base Grant  |
| 20.703                  | 665,329                         | 188,689                              | Interagency Hazardous Materials Public Sector Training and Planning Grants                    |
| 20.933                  | 15,044,510                      | 7,406,640                            | National Infrastructure Investments   |
| 20.U01                  | 133,497                         |                                      | U. S. Department of Transportation  |
| 20.U02                  | 76,726                          |                                      | U. S. Department of Transportation  |
| 20.U03                  | 110,686                         |                                      | U. S. Department of Transportation  |
| 21.016                  | 806,672                         |                                      | Equitable Sharing   |
| 21.019                  | 1,661,869                       | 1,149,676                            | COVID-19 - Coronavirus Relief Fund  |
| 21.023                  | 70,833,050                      | 59,554,803                           | COVID-19 - Emergency Rental Assistance Program  |
| 21.027                  | 703,102,839                     | 57,560,808                           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  |
| 21.031                  | 57,278,825                      |                                      | State Small Business Credit Initiative Technical Assistance Grant Program                     |
| 21.U01                  | 739,970                         |                                      | U. S. Department of the Treasury  |
| 23.001                  | 436,746                         |                                      | Appalachian Regional Development (See individual Appalachian Programs)                        |
| 23.002                  | 1,542,235                       |                                      | Appalachian Area Development  |
| 23.003                  | 58,033,445                      |                                      | Appalachian Development Highway System  |
| 23.009                  | 933,294                         |                                      | Appalachian Local Development District Assistance   |
| 23.011                  | 2,069,120                       | 1,560,719                            | Appalachian Research, Technical Assistance, and Demonstration Projects                        |
| 30.U01                  | 38,140                          |                                      | U. S. Equal Employment Opportunity Commission   |
| 32.006                  | 87,565                          |                                      | COVID-19 Telehealth Program   |
| 39.003                  | 946,767                         |                                      | Donation of Federal Surplus Personal Property   |
| 43.001                  | 120,047                         |                                      | Science   |
| 43.002                  | 292,191                         |                                      | Aeronautics   |
| 43.008                  | 546,062                         | 43,650                               | Office of Stem Engagement (OSTEM)   |
| 43.012                  | 62,749                          |                                      | Space Technology  |
| 43.U01                  | 5,625                           |                                      | U. S. National Aeronautics and Space Administration   |
| 43.U02                  | 27,598                          |                                      | U. S. National Aeronautics and Space Administration   |
| 43.U03                  | 18,843                          |                                      | U. S. National Aeronautics and Space Administration   |
| 43.U04                  | 9,352                           |                                      | U. S. National Aeronautics and Space Administration   |
| 43.U05                  | 8,557                           |                                      | U. S. National Aeronautics and Space Administration   |
| 43.U06                  | 372,909                         | 55,760                               | U. S. National Aeronautics and Space Administration   |
| 45.024                  | 99,799                          |                                      | Promotion of the Arts Grants to Organizations and Individuals                                 |
| 45.025                  | 1,721,517                       | 1,556,880                            | Promotion of the Arts Partnership Agreements  |
| 45.129                  | 12,904                          |                                      | Promotion of the Humanities Federal/State Partnership   |
| 45.160                  | 2,712                           |                                      | Promotion of the Humanities Fellowships and Stipends  |
| 45.162                  | 58,457                          |                                      | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development        |
| 45.163                  | 15,748                          |                                      | Promotion of the Humanities Professional Development  |
| 45.164                  | 21,027                          |                                      | Promotion of the Humanities Public Programs   |
| 45.309                  | 56,131                          |                                      | Museum Grants for African American History and Culture  |
| 45.310                  | 7,637,270                       | 3,801,823                            | Grants to States  |
| 45.312                  | 189,437                         | 4,934                                | National Leadership Grants  |
| 45.313                  | 162,889                         |                                      | Laura Bush 21st Century Librarian Program   |
| 45.U01                  | (21)                            |                                      | U. S. National Foundation on the Arts and the Humanities                                      |
| 45.U02                  | 4,468                           |                                      | U. S. National Foundation on the Arts and the Humanities                                      |
| 47.041                  | 668,814                         |                                      | Engineering   |
| 47.049                  | 448,597                         |                                      | Mathematical and Physical Sciences  |
| 47.050                  | 194,358                         | 1,323                                | Geosciences   |
| 47.070                  | 466,853                         |                                      | Computer and Information Science and Engineering  |
| 47.074                  | 262,524                         |                                      | Biological Sciences   |
| 47.075                  | 164,849                         |                                      | Social, Behavioral, and Economic Sciences   |
| 47.076                  | 3,983,766                       | 29,800                               | Education and Human Resources   |
| 47.079                  | 36,087                          |                                      | Office of International Science and Engineering   |
| 47.083                  | 21,920                          |                                      | Integrative Activities  |
| 47.U01                  | 286,152                         |                                      | U. S. National Science Foundation   |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| Federal         |                         |                              |  |
|-----------------|-------------------------|------------------------------|--|
| Cluster/<br>ALN | Program<br>Expenditures | Subrecipient<br>Expenditures | Cluster Title/ ALN Title   |
| 47.U02          | 1,043                   |                              | U. S. National Science Foundation  |
| 47.U03          | 11,025                  |                              | U. S. National Science Foundation  |
| 47.U04          | 15,702                  |                              | U. S. National Science Foundation  |
| 47.U05          | 96,579                  |                              | U. S. National Science Foundation  |
| 47.U06          | 1,600                   |                              | U. S. National Science Foundation  |
| 47.U07          | 10,314                  |                              | U. S. National Science Foundation  |
| 47.U08          | 4,837                   |                              | U. S. National Science Foundation  |
| 47.U09          | 27,813                  |                              | U. S. National Science Foundation  |
| 47.U10          | 22,723                  |                              | U. S. National Science Foundation  |
| 59.037          | 5,357,069               |                              | Small Business Development Centers   |
| 59.044          | 247,099                 |                              | Veterans Outreach Program  |
| 59.075          | 9,492,455               |                              | Shuttered Venue Operators Grant Program  |
| 64.005          | 1,377,094               |                              | Grants to States for Construction of State Home Facilities   |
| 64.027          | 34,114                  |                              | Post-9/11 Veterans Educational Assistance  |
| 64.028          | 197,027                 |                              | Post-9/11 Veterans Educational Assistance  |
| 64.124          | 838,559                 |                              | All-Volunteer Force Educational Assistance   |
| 64.U01          | 1,009                   |                              | U. S. Department of Veterans Affairs   |
| 64.U02          | 485                     |                              | U. S. Department of Veterans Affairs   |
| 64.U03          | 10,800                  |                              | U. S. Department of Veterans Affairs   |
| 66.001          | 1,963,945               |                              | Air Pollution Control Program Support  |
| 66.032          | 274,193                 |                              | State Indoor Radon Grants  |
| 66.034          | 680,741                 |                              | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act |
| 66.040          | 536,238                 |                              | State Clean Diesel Grant Program   |
| 66.204          | 97,868                  |                              | Multipurpose Grants to States and Tribes   |
| 66.419          | 7,462,545               |                              | Water Pollution Control State, Interstate, and Tribal Program Support  |
| 66.432          | 3,236,883               |                              | State Public Water System Supervision  |
| 66.433          | 97,657                  |                              | State Underground Water Source Protection  |
| 66.444          | 408,280                 |                              | Lead Testing in School and Child Care Program Drinking Water (SDWA 1464(d))  |
| 66.454          | 283,621                 |                              | Water Quality Management Planning  |
| 66.456          | 647,388                 |                              | National Estuary Program   |
| 66.460          | 2,858,941               |                              | Nonpoint Source Implementation Grants  |
| 66.461          | 143,516                 | 22,525                       | Regional Wetland Program Development Grants  |
| 66.472          | 381,164                 |                              | Beach Monitoring and Notification Program Implementation Grants  |
| 66.605          | 841,279                 |                              | Performance Partnership Grants   |
| 66.701          | 39,000                  |                              | Toxic Substances Compliance Monitoring Cooperative Agreements  |
| 66.707          | 653,767                 |                              | TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals  |
| 66.708          | 46,022                  |                              | Pollution Prevention Grants Program  |
| 66.716          | 21,124                  |                              | Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies                     |
| 66.801          | 2,835,414               |                              | Hazardous Waste Management State Program Support   |
| 66.802          | 1,271,691               |                              | Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements                            |
| 66.804          | 642,704                 |                              | Underground Storage Tank (UST) Prevention, Detection, and Compliance Program   |
| 66.805          | 312,156                 |                              | Leaking Underground Storage Tank Trust Fund Corrective Action Program  |
| 66.817          | 375,662                 |                              | State and Tribal Response Program Grants   |
| 66.818          | 111,136                 |                              | Brownfields Assessment and Cleanup Cooperative Agreements  |
| 66.U01          | 13,328                  |                              | U. S. Environmental Protection Agency  |
| 66.U02          | 6,618                   |                              | U. S. Environmental Protection Agency  |
| 66.U03          | 5,663                   |                              | U. S. Environmental Protection Agency  |
| 77.008          | 111,507                 |                              | U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program  |
| 77.U01          | 1,216                   |                              | U. S. Nuclear Regulatory Commission  |
| 81.041          | 904,489                 |                              | State Energy Program   |
| 81.042          | 5,901,551               | 5,423,410                    | Weatherization Assistance for Low-Income Persons   |
| 81.049          | 26,184                  |                              | Office of Science Financial Assistance Program   |
| 81.086          | 8,890                   |                              | Conservation Research and Development  |
| 81.087          | 54,781                  |                              | Renewable Energy Research and Development  |
| 81.117          | 547,363                 | 23,233                       | Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance   |
| 81.121          | 398,619                 |                              | Nuclear Energy Research, Development and Demonstration   |
| 81.123          | 981,848                 | 723,689                      | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                              |
| 81.137          | 71,260                  |                              | Minority Economic Impact   |
| 81.U01          | 28,665                  |                              | U. S. Department of Energy   |
| 81.U02          | 4,769                   |                              | U. S. Department of Energy   |
| 81.U03          | 52,562                  | 37,042                       | U. S. Department of Energy   |
| 81.U04          | 55,410                  |                              | U. S. Department of Energy   |
| 81.U05          | 86,565                  |                              | U. S. Department of Energy   |
| 81.U06          | 107,882                 |                              | U. S. Department of Energy   |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |   |
|-------------------------|---------------------------------|--------------------------------------|---|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/<br/>ALN Title</b>   |
| 81.U07                  | 39,919                          |                                      | U. S. Department of Energy  |
| 81.U08                  | 3,612                           |                                      | U. S. Department of Energy  |
| 81.U09                  | 13,519                          |                                      | U. S. Department of Energy  |
| 81.U10                  | 3,600                           |                                      | U. S. Department of Energy  |
| 81.U11                  | 461,271                         |                                      | U. S. Department of Energy  |
| 81.U12                  | 125,770                         |                                      | U. S. Department of Energy  |
| 81.U13                  | 613,200                         |                                      | U. S. Department of Energy  |
| 81.U14                  | 35,593                          |                                      | U. S. Department of Energy  |
| 81.U15                  | 155,330                         |                                      | U. S. Department of Energy  |
| 81.U16                  | 12,801                          |                                      | U. S. Department of Energy  |
| 84.002                  | 18,717,469                      | 18,406,476                           | Adult Education and Family Literacy Act State Grant   |
| 84.010                  | 514,489,842                     | 508,453,097                          | Title I Grants to Local Educational Agencies  |
| 84.011                  | 6,083,249                       | 4,971,702                            | Migrant Education State Grant Program   |
| 84.013                  | 877,453                         | 867,994                              | Title I State Agency Program for Neglected and Delinquent Children and Youth  |
| 84.031                  | 43,971,247                      | 151,991                              | Higher Education Institutional Aid  |
| 84.048                  | 45,355,215                      | 25,555,442                           | Career and Technical Education -- Basic Grants to States  |
| 84.116                  | 549,112                         | 128,360                              | Fund for the Improvement of Postsecondary Education   |
| 84.120                  | 662,191                         |                                      | Minority Science and Engineering Improvement  |
| 84.126                  | 102,178,639                     | 195,121                              | Rehabilitation Services Vocational Rehabilitation Grants to States  |
| 84.129                  | 608,194                         |                                      | Rehabilitation Long-Term Training   |
| 84.141                  | 480,602                         |                                      | Migrant Education High School Equivalency Program   |
| 84.144                  | 89,692                          |                                      | Migrant Education Coordination Program  |
| 84.161                  | 259,791                         |                                      | Rehabilitation Services Client Assistance Program   |
| 84.169                  | 481,498                         | 481,498                              | Independent Living State Grants   |
| 84.177                  | 808,564                         |                                      | Rehabilitation Services Independent Living Services for Older Individuals Who are Blind                                 |
| 84.181                  | 15,184,200                      | 1,270,921                            | Special Education-Grants for Infants and Families   |
| 84.184                  | 42,859                          |                                      | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)              |
| 84.187                  | 429,631                         |                                      | Supported Employment Services for Individuals with the Most Significant Disabilities                                    |
| 84.196                  | 2,361,218                       | 2,133,222                            | Education for Homeless Children and Youth   |
| 84.215                  | 155,858                         |                                      | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods                            |
| 84.282                  | 7,682,602                       | 6,766,807                            | Charter Schools   |
| 84.287                  | 47,337,348                      | 45,436,392                           | Twenty-First Century Community Learning Centers   |
| 84.299                  | 947,023                         |                                      | Indian Education -- Special Programs for Indian Children  |
| 84.305                  | 344,009                         | 16,441                               | Education Research, Development and Dissemination   |
| 84.305T                 | 125,521                         |                                      | Transformative Research in the Education Sciences   |
| 84.323                  | 913,945                         | 665,248                              | Special Education - State Personnel Development   |
| 84.325                  | 2,577,140                       | 1,412,648                            | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                |
| 84.326                  | 499,591                         |                                      | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities |
| 84.334                  | 13,111,562                      | 5,315,404                            | Gaining Early Awareness and Readiness for Undergraduate Programs  |
| 84.335                  | 711,350                         |                                      | Child Care Access Means Parents in School   |
| 84.336                  | 450,652                         |                                      | Teacher Quality Partnership Grants  |
| 84.358                  | 4,880,274                       | 4,782,842                            | Rural Education   |
| 84.365                  | 16,167,885                      | 15,434,223                           | English Language Acquisition State Grants   |
| 84.367                  | 65,971,143                      | 63,805,127                           | Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)                         |
| 84.368                  | 166,084                         |                                      | Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)                          |
| 84.369                  | 9,678,229                       |                                      | Grants for State Assessments and Related Activities   |
| 84.377                  | 40,798                          | 30,788                               | School Improvement Grants   |
| 84.382                  | 2,839,403                       |                                      | Strengthening Minority-Serving Institutions   |
| 84.403                  | 347,294                         |                                      | Consolidated Grant to the Outlying Areas  |
| 84.411                  | 2,047,061                       |                                      | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  |
| 84.421                  | 106,194                         |                                      | Disability Innovation Fund (DIF)  |
| 84.424                  | 35,072,365                      | 34,101,669                           | Student Support and Academic Enrichment Program   |
| 84.425                  | 1,959,494,953                   | 1,548,298,869                        | Education Stabilization Fund  |
| 84.U01                  | 125,352                         |                                      | U. S. Department of Education   |
| 84.U02                  | 13,361                          | 13,361                               | U. S. Department of Education   |
| 84.U03                  | 2,111                           |                                      | U. S. Department of Education   |
| 84.U04                  | 262,521                         |                                      | U. S. Department of Education   |
| 84.U05                  | 1,905,866                       | 158,760                              | U. S. Department of Education   |
| 89.003                  | 18,408                          |                                      | National Historical Publications and Records Grants   |
| 90.404                  | 1,172,353                       |                                      | 2018 HAVA Election Security Grants  |
| 90.500                  | 76,867                          |                                      | International Broadcasting Independent Grantee Organizations  |
| 93.041                  | 126,421                         | 126,421                              | Special Programs for the Aging, Title VII, Chapter 3, Programs for Prevention of Elder Abuse, Neglect, and Exploitation |



**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |   |
|-------------------------|---------------------------------|--------------------------------------|---|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/ ALN Title</b>   |
| 93.042                  | 691,358                         | 691,358                              | Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals   |
| 93.043                  | 967,530                         | 967,530                              | Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services   |
| 93.048                  | 1,809,530                       | 190,536                              | Special Programs for the Aging, Title IV, and Title II, Discretionary Projects  |
| 93.052                  | 7,017,397                       | 6,734,733                            | National Family Caregiver Support, Title III, Part E  |
| 93.059                  | 603,590                         |                                      | Training in General, Pediatric, and Public Health Dentistry   |
| 93.069                  | 13,341,152                      | 4,095,704                            | Public Health Emergency Preparedness  |
| 93.070                  | 634,102                         | 28,184                               | Environmental Public Health and Emergency Response  |
| 93.071                  | 1,277,151                       | 935,984                              | Medicare Enrollment Assistance Program  |
| 93.072                  | 180,418                         |                                      | Lifespan Respite Care Program   |
| 93.073                  | 262,972                         |                                      | Birth Defects and Developmental Disabilities - Prevention and Surveillance  |
| 93.074                  | 319,336                         |                                      | Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements  |
| 93.079                  | 101,659                         |                                      | Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance   |
| 93.080                  | 436,103                         | 421,490                              | Blood Disorder Program: Prevention, Surveillance, and Research  |
| 93.090                  | 971,230                         | 889,536                              | Guardianship Assistance   |
| 93.092                  | 1,261,746                       | 1,064,644                            | Affordable Care Act (ACA) Personal Responsibility Education Program   |
| 93.103                  | 2,058,409                       |                                      | Food and Drug Administration Research   |
| 93.110                  | 3,056,489                       | 1,545,334                            | Maternal and Child Health Federal Consolidated Programs   |
| 93.113                  | 87,970                          |                                      | Environmental Health  |
| 93.116                  | 1,903,475                       | 871,442                              | Project Grants and Cooperative Agreements for Tuberculosis Control Programs   |
| 93.124                  | 26,114                          |                                      | Nurse Anesthetist Traineeship   |
| 93.127                  | 134,462                         |                                      | Emergency Medical Services for Children   |
| 93.130                  | 208,721                         |                                      | Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices   |
| 93.136                  | 10,206,866                      | 5,322,827                            | Injury Prevention and Control Research and State and Community Based Programs   |
| 93.143                  | 4,930                           |                                      | NIEHS Superfund Hazardous Substances Basic Research and Education   |
| 93.150                  | 1,923,854                       | 1,884,249                            | Projects for Assistance in Transition from Homelessness (PATH)  |
| 93.155                  | 1,567,421                       | 1,567,421                            | COVID-19 - Rural Health Research Centers  |
| 93.165                  | 137,108                         |                                      | Grants to States for Loan Repayment   |
| 93.172                  | 247,487                         |                                      | Human Genome Research   |
| 93.178                  | 582,740                         |                                      | Nursing Workforce Diversity   |
| 93.191                  | 263,807                         |                                      | Graduate Psychology Education   |
| 93.197                  | 498,145                         |                                      | Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children                                   |
| 93.211                  | 595,134                         | 91,875                               | Telehealth Programs   |
| 93.217                  | 7,431,075                       | 6,014,326                            | Family Planning Services  |
| 93.234                  | 189,313                         | 183,733                              | Traumatic Brain Injury State Demonstration Grant Program  |
| 93.235                  | 1,697,021                       | 913,500                              | Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program  |
| 93.236                  | (71,800)                        |                                      | Grants to States to Support Oral Health Workforce Activities  |
| 93.240                  | 388,123                         | 8,432                                | State Capacity Building   |
| 93.241                  | 660,370                         | 374,626                              | State Rural Hospital Flexibility Program  |
| 93.243                  | 8,322,748                       | 5,345,426                            | Substance Abuse and Mental Health Services Projects of Regional and National Significance   |
| 93.247                  | 657,058                         |                                      | Advanced Nursing Education Workforce Grant Program  |
| 93.251                  | 234,635                         |                                      | Early Hearing Detection and Intervention  |
| 93.262                  | 192,729                         | 30,000                               | Occupational Safety and Health Program  |
| 93.268                  | 166,642,668                     | 2,375,963                            | Immunization Cooperative Agreements   |
| 93.270                  | 276,708                         |                                      | Viral Hepatitis Prevention and Control  |
| 93.276                  | 42,346                          |                                      | Drug-Free Communities Support Program Grants  |
| 93.279                  | 35,930                          |                                      | Drug Abuse and Addiction Research Programs  |
| 93.301                  | 374,757                         | 367,257                              | Small Rural Hospital Improvement Grant Program  |
| 93.314                  | 72,723                          |                                      | Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program  |
| 93.317                  | 151                             |                                      | Emerging Infections Programs  |
| 93.323                  | (25,891,780)                    | 723,664                              | Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)  |
| 93.324                  | 1,667,812                       | 779,928                              | State Health Insurance Assistance Program   |
| 93.327                  | 42,648                          |                                      | Demonstration Grants for Domestic Victims of Human Trafficking  |
| 93.334                  | 320,314                         |                                      | The Healthy Brain Initiative: Technical Assistance to Implement Public Health Actions related to Cognitive Health, Cognitive Impairment, and Caregiving at the State and Local Levels |
| 93.336                  | 362,684                         |                                      | Behavioral Risk Factor Surveillance System  |
| 93.354                  | 20,701,305                      | 14,861,990                           | Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response   |
| 93.359                  | 456,981                         | 61,202                               | Nurse Education, Practice Quality and Retention Grants  |
| 93.387                  | 2,150,207                       | 589,744                              | National and State Tobacco Control Program  |
| 93.391                  | 14,473,646                      | 5,512,521                            | COVID-19 - Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crises   |
| 93.398                  | 6,025                           |                                      | Cancer Research Manpower  |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| Federal         |                         |                              |   |
|-----------------|-------------------------|------------------------------|---|
| Cluster/<br>ALN | Program<br>Expenditures | Subrecipient<br>Expenditures | Cluster Title/ ALN Title  |
| 93.421          | 36,795                  |                              | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health |
| 93.426          | 2,283,337               | 256,372                      | COVID-19 - Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke   |
| 93.434          | 15,482,210              | 11,705,927                   | Every Student Succeeds Act/Preschool Development Grants   |
| 93.435          | 775,486                 | 416,791                      | The Innovative Cardiovascular Health Program  |
| 93.436          | 817,542                 | 311,992                      | Well-Integrated Screening and Evaluation for Women Across the Nation (WISEWOMAN)  |
| 93.439          | 804,515                 | 61,887                       | State Physical Activity and Nutrition (SPAN)  |
| 93.464          | 809,110                 |                              | ACL Assistive Technology  |
| 93.470          | 29,739                  |                              | Alzheimer's Disease Program Initiative (ADPI)   |
| 93.478          | 568,189                 | 86,816                       | Preventing Maternal Deaths: Supporting Maternal Mortality Review Committees   |
| 93.495          | 2,632,655               | 509,135                      | COVID-19 - Community Health Workers for Public Health Response and Resilient  |
| 93.497          | 10,441                  |                              | Family Violence Prevention and Services/ Sexual Assault/Rape Crisis Services and Supports                                 |
| 93.498          | 94,512,995              |                              | COVID-19 - Provider Relief Fund   |
| 93.499          | 21,437,985              | 18,068,166                   | COVID-19 - Low Income Household Water Assistance Program  |
| 93.526          | 166,768                 | 166,768                      | COVID-19 - Grants for Capital Development in Health Centers   |
| 93.556          | 11,832,707              | 9,258,233                    | MaryLee Allen Promoting Safe and Stable Families Program  |
| 93.558          | 309,231,601             | 164,414,791                  | Temporary Assistance for Needy Families   |
| 93.560          | (1,472)                 |                              | Payments to Territories – Adults  |
| 93.563          | 119,626,383             | 12,147,796                   | Child Support Enforcement   |
| 93.566          | 16,129,457              | 8,677,999                    | Refugee and Entrant Assistance State/Replacement Designee Administered Programs   |
| 93.568          | 131,399,532             |                              | Low-Income Home Energy Assistance   |
| 93.569          | 31,591,220              | 21,282,883                   | Community Services Block Grant  |
| 93.586          | 620,086                 |                              | State Court Improvement Program   |
| 93.590          | 2,288,052               | 1,929,804                    | Community-Based Child Abuse Prevention Grants   |
| 93.597          | 307,399                 |                              | Grants to States for Access and Visitation Programs   |
| 93.599          | 1,868,057               | 1,868,057                    | Chafee Education and Training Vouchers Program (ETV)  |
| 93.603          | 1,193,550               |                              | Adoption and Legal Guardianship Incentive Payments  |
| 93.630          | 2,540,700               | 955,337                      | Developmental Disabilities Basic Support and Advocacy Grants  |
| 93.639          | 537,507                 |                              | ACA-Transforming Clinical Practice Initiative: Support and Alignment Networks (SANs)                                      |
| 93.643          | 486,809                 | 95,774                       | Children's Justice Grants to States   |
| 93.645          | 10,190,162              | 2,867,140                    | Stephanie Tubbs Jones Child Welfare Services Program  |
| 93.658          | 98,945,398              | 95,315,252                   | Foster Care Title IV-E  |
| 93.659          | 77,895,035              | 5,999,394                    | Adoption Assistance   |
| 93.665          | 3,296,681               | 3,296,681                    | COVID-19 - Emergency Grants to Address Mental and Substance Use Disorders During COVID-19                                 |
| 93.667          | 75,828,100              | 63,913,893                   | Social Services Block Grant   |
| 93.669          | 4,265,796               | 177,664                      | Child Abuse and Neglect State Grants  |
| 93.671          | 3,820,399               | 3,676,783                    | Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services                                 |
| 93.674          | 4,192,541               | 2,328,123                    | John H. Chafee Foster Care Program for Successful Transition to Adulthood   |
| 93.732          | 2,216,266               |                              | Mental and Behavioral Health Education and Training Grants  |
| 93.747          | 1,847,212               | 508,971                      | Elder Abuse Prevention Interventions Program  |
| 93.761          | 182,463                 |                              | Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)                     |
| 93.767          | 655,300,431             | 6,374,822                    | Children's Health Insurance Program   |
| 93.788          | 44,898,418              | 43,800,127                   | Opioid STR  |
| 93.791          | 9,427,893               |                              | Money Follows the Person Rebalancing Demonstration  |
| 93.799          | 45,523                  |                              | CARA Act – Comprehensive Addiction and Recovery Act of 2016   |
| 93.800          | 691,960                 | 242,637                      | Organized Approaches to Increase Colorectal Cancer Screening  |
| 93.810          | 549,781                 | 250,801                      | Paul Coverdell National Acute Stroke Program National Center for Chronic Disease Prevention and Health Promotion          |
| 93.817          | 14,194                  |                              | COVID-19 - Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities                                 |
| 93.829          | 742,772                 |                              | Section 223 Demonstration Programs to Improve Community Mental Health Services  |
| 93.837          | 26,431                  |                              | Cardiovascular Diseases Research  |
| 93.845          | 45,717                  |                              | Promoting Population Health through Increased Capacity in Alcohol Epidemiology  |
| 93.847          | 60,063                  |                              | Diabetes, Digestive, and Kidney Diseases Extramural Research  |
| 93.859          | 996,843                 | 209,149                      | Biomedical Research and Research Training   |
| 93.866          | 35,682                  |                              | Aging Research  |
| 93.870          | 3,522,690               | 2,706,568                    | Maternal, Infant and Early Childhood Home Visiting Grant  |
| 93.879          | 9,909                   | 9,909                        | Medical Library Assistance  |
| 93.884          | 300,523                 | 35,538                       | Grants for Primary Care Training and Enhancement  |
| 93.889          | 7,979,798               | 5,757,816                    | National Bioterrorism Hospital Preparedness Program   |
| 93.898          | 4,003,807               | 1,460,453                    | Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations                                    |
| 93.913          | 226,557                 |                              | Grants to States for Operation of State Offices of Rural Health   |
| 93.917          | 39,913,674              | (5,306,880)                  | HIV Care Formula Grants   |
| 93.918          | 861,606                 |                              | Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease                                      |
| 93.926          | 3,077,984               | 843,451                      | Healthy Start Initiative  |

State of North Carolina

**Schedule of Expenditures of Federal Awards (Summary)**

For the Fiscal Year Ended June 30, 2023

| <b>Federal</b>          |                                 |                                      |  |
|-------------------------|---------------------------------|--------------------------------------|--|
| <b>Cluster/<br/>ALN</b> | <b>Program<br/>Expenditures</b> | <b>Subrecipient<br/>Expenditures</b> | <b>Cluster Title/ ALN Title</b>  |
| 93.940                  | 11,324,342                      | 4,113,513                            | HIV Prevention Activities Health Department Based  |
| 93.944                  | 616,789                         |                                      | Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance  |
| 93.958                  | 40,123,698                      | 38,390,613                           | Block Grants for Community Mental Health Services  |
| 93.959                  | 69,315,358                      | 59,594,823                           | Block Grants for Prevention and Treatment of Substance Abuse   |
| 93.977                  | 4,481,620                       | 542,456                              | Sexually Transmitted Diseases (STD) Prevention and Control Grants  |
| 93.981                  | 682,835                         |                                      | Improving Student Health and Academic Achievement through Nutrition, Physical Activity and the Management of Chronic Conditions in Schools |
| 93.982                  | 201,890                         |                                      | Mental Health Disaster Assistance and Emergency Mental Health  |
| 93.991                  | 3,821,831                       | 3,128,209                            | Preventive Health and Health Services Block Grant  |
| 93.994                  | 16,711,237                      | 16,711,237                           | Maternal and Child Health Services Block Grant to the States   |
| 93.U01                  | 179,537                         |                                      | U. S. Department of Health and Human Services  |
| 93.U02                  | 374,489                         |                                      | U. S. Department of Health and Human Services  |
| 93.U03                  | (92,481)                        |                                      | U. S. Department of Health and Human Services  |
| 93.U04                  | 21,913                          |                                      | U. S. Department of Health and Human Services  |
| 93.U05                  | 32,651                          |                                      | U. S. Department of Health and Human Services  |
| 93.U06                  | 38,380                          |                                      | U. S. Department of Health and Human Services  |
| 93.U07                  | 3                               |                                      | U. S. Department of Health and Human Services  |
| 93.U08                  | 49,961                          |                                      | U. S. Department of Health and Human Services  |
| 93.U09                  | 161,625                         |                                      | U. S. Department of Health and Human Services  |
| 93.U10                  | 95,794                          |                                      | U. S. Department of Health and Human Services  |
| 94.002                  | 108,134                         |                                      | Retired and Senior Volunteer Program   |
| 94.003                  | 589,164                         |                                      | State Commissions  |
| 94.006                  | 8,440,222                       | 8,031,054                            | AmeriCorps   |
| 94.009                  | 151,808                         |                                      | Training and Technical Assistance  |
| 94.021                  | 287,624                         | 271,637                              | Volunteer Generation Fund  |
| 94.026                  | 65,586                          |                                      | National Service and Civic Engagement Research Competition   |
| 96.008                  | 247,947                         |                                      | Social Security - Work Incentives Planning and Assistance Program  |
| 97.005                  | 156,618                         |                                      | State and Local Homeland Security National Training Program  |
| 97.008                  | 1,288,402                       | 1,288,402                            | Non-Profit Security Program  |
| 97.012                  | 4,101,427                       |                                      | Boating Safety Financial Assistance  |
| 97.023                  | 405,000                         |                                      | Community Assistance Program State Support Services Element (CAP-SSSE)   |
| 97.029                  | 54,235                          | 29,138                               | Flood Mitigation Assistance  |
| 97.036                  | 661,505,561                     | 133,848,725                          | Disaster Grants - Public Assistance (Presidentially Declared Disasters)  |
| 97.039                  | 9,626,651                       | 7,032,858                            | Hazard Mitigation Grant  |
| 97.041                  | 350,521                         |                                      | National Dam Safety Program  |
| 97.042                  | 10,097,324                      | 225,341                              | Emergency Management Performance Grants  |
| 97.043                  | 6,897                           |                                      | State Fire Training Systems Grants   |
| 97.044                  | 285                             |                                      | Assistance to Firefighters Grant   |
| 97.045                  | 4,165,750                       |                                      | Cooperating Technical Partners   |
| 97.047                  | 21,278                          |                                      | Pre-Disaster Mitigation  |
| 97.050                  | 38,454                          |                                      | COVID-19 Presidential Declared Disaster Assistance to Individuals and Households - Other Needs   |
| 97.056                  | 1,339,427                       |                                      | Port Security Grant Program  |
| 97.061                  | 19,512                          |                                      | Centers for Homeland Security  |
| 97.067                  | 6,580,979                       | 6,303,853                            | Homeland Security Grant Program  |
| 98.U01                  | 476                             |                                      | U. S. Agency for International Development   |
| 99.U01                  | 60,305                          |                                      | Miscellaneous  |
| 99.U02                  | 156                             |                                      | Miscellaneous  |
|                         | <b><u>\$ 35,067,167,887</u></b> | <b><u>\$ 5,864,825,291</u></b>       | <b>Total Expenditures of Federal Awards</b>  |

The accompanying notes are an integral part of this schedule.

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                  | Additional Award Information |
|---|------------------|----------------------|----------------------------------|---|----------------------------|---|------------------------------|
| <b>Aging—Cluster:</b>                                       |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Department of Health and Human Services</b>        |                  |                      |                                  |   |                            |   |                              |
| 93.044  | D                | \$ 20,475,794        | \$ 19,547,445                    | Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers          |                            |   |                              |
| 93.044  | D                | 604,978              | 604,978                          | COVID-19 Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers |                            |   |                              |
| 93.045  | D                | 28,692,723           | 27,561,389                       | Special Programs for the Aging, Title III, Part C, Nutrition Services   |                            |   |                              |
| 93.045  | D                | 26,853               | -                                | COVID-19 - Special Programs for the Aging, Title III, Part C, Nutrition Services                              |                            |   |                              |
| 93.053  | D                | 3,705,344            | 3,705,344                        | Nutrition Services Incentive Program  |                            |   |                              |
|   |                  | <u>53,505,692</u>    | <u>51,419,156</u>                | Total - Aging Cluster - U. S. Department of Health and Human Services   |                            |   |                              |
|   |                  | 53,505,692           | 51,419,156                       | Total - Aging   |                            |   |                              |
| <b>Child Care and Development Fund (CCDF)—Cluster:</b>      |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Department of Health and Human Services</b>        |                  |                      |                                  |   |                            |   |                              |
| 93.575  | D                | 166,765,144          | 26,081,332                       | Child Care and Development Block Grant  |                            |   |                              |
| 93.575  | D                | 463,920,298          | -                                | COVID-19 - Child Care and Development Block Grant   |                            |   |                              |
| 93.575  | I                | 119,346              | -                                | Child Care and Development Block Grant  | 17243                      | Child Trends                              |                              |
| 93.575  | I                | 10,013               | -                                | Child Care and Development Block Grant  | 2023-53                    | University of Oklahoma                    |                              |
| 93.575  | I                | 10,021               | -                                | Child Care and Development Block Grant  | 22-0613                    | Alabama Partnership for Children          |                              |
| 93.575  | I                | 17,630               | -                                | Child Care and Development Block Grant  | 22-1975                    | Supporting Families Together Association  |                              |
| 93.575  | I                | 7,925                | -                                | Child Care and Development Block Grant  | 22-5479                    | University of Maine                       |                              |
| 93.575  | I                | 10,153               | -                                | Child Care and Development Block Grant  | 22.1279                    | University of Maine                       |                              |
| 93.575  | I                | 9,329                | -                                | Child Care and Development Block Grant  | 23-0675                    | Alabama Partnership for Children          |                              |
| 93.575  | I                | 2,472                | -                                | Child Care and Development Block Grant  | 23-2391                    | Shine Early Learning                      |                              |
| 93.575  | I                | 6,846                | -                                | Child Care and Development Block Grant  | 23-2459                    | University of Southern Maine              |                              |
| 93.575  | I                | 44,575               | -                                | Child Care and Development Block Grant  | 353-000212                 | Duke University                           |                              |
| 93.596  | D                | 103,740,356          | 21,365,272                       | Child Care Mandatory and Matching Funds of the Child Care and Development Fund                                |                            |   |                              |
|   |                  | <u>734,664,108</u>   | <u>47,446,604</u>                | Total - CCDF Cluster - U. S. Department of Health and Human Services  |                            |   |                              |
|   |                  | 734,664,108          | 47,446,604                       | Total - CCDF  |                            |   |                              |
| <b>CDBG - Entitlement Grants —Cluster:</b>                  |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Department of Housing and Urban Development</b>    |                  |                      |                                  |   |                            |   |                              |
| 14.218  | I                | 85,793               | -                                | Community Development Block Grants/Entitlement Grants   | 25527                      | The Water Institute of the Gulf           |                              |
|   |                  | <u>85,793</u>        | <u>-</u>                         | Total - CDBG Entitlement Grants Cluster - U. S. Department of Housing and Urban Development                   |                            |   |                              |
|   |                  | 85,793               | -                                | Total - CDBG Entitlement Grants   |                            |   |                              |
| <b>Child Nutrition—Cluster:</b>                             |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Department of Agriculture</b>                      |                  |                      |                                  |   |                            |   |                              |
| 10.553  | D                | 162,053,229          | 162,024,636                      | School Breakfast Program  |                            |   |                              |
| 10.555  | D                | 555,423,068          | 555,365,537                      | National School Lunch Program   |                            |   |                              |
| 10.556  | D                | 78,314               | 78,314                           | Special Milk Program for Children   |                            |   |                              |
| 10.559  | D                | 12,622,652           | 11,941,702                       | Summer Food Service Program for Children  |                            |   |                              |
| 10.582  | D                | 5,639,201            | 5,521,795                        | Fresh Fruit and Vegetable Program   |                            |   |                              |
|   |                  | <u>735,816,464</u>   | <u>734,931,984</u>               | Total - Child Nutrition Cluster - U. S. Department of Agriculture   |                            |   |                              |
|   |                  | 735,816,464          | 734,931,984                      | Total - Child Nutrition   |                            |   |                              |
| <b>Clean Water State Revolving Fund (CWSRF)—Cluster:</b>    |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Environmental Protection Agency</b>                |                  |                      |                                  |   |                            |   |                              |
| 66.458  | D                | 52,607,704           | 50,369,761                       | Capitalization Grants for Clean Water State Revolving Funds   |                            |   |                              |
|   |                  | <u>52,607,704</u>    | <u>50,369,761</u>                | Total - Clean Water State Revolving Fund (CWSRF) Cluster - U. S. Environmental Protection Agency              |                            |   |                              |
|   |                  | 52,607,704           | 50,369,761                       | Total - Clean Water State Revolving Fund (CWSRF)  |                            |   |                              |
| <b>Disability Insurance/SSI—Cluster:</b>                    |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Social Security Administration</b>                 |                  |                      |                                  |   |                            |   |                              |
| 96.001  | D                | 66,146,345           | -                                | Social Security Disability Insurance  |                            |   |                              |
|   |                  | <u>66,146,345</u>    | <u>-</u>                         | Total - Disability Insurance/SSI Cluster - U. S. Environmental Protection Agency                              |                            |   |                              |
|   |                  | 66,146,345           | -                                | Total - Disability Insurance/SSI  |                            |   |                              |
| <b>Drinking Water State Revolving Fund (DWSRF)—Cluster:</b> |                  |                      |                                  |   |                            |   |                              |
| <b>U. S. Environmental Protection Agency</b>                |                  |                      |                                  |   |                            |   |                              |
| 66.468  | D                | 62,963,684           | 55,511,105                       | Capitalization Grants for Drinking Water State Revolving Funds  |                            |   |                              |
| 66.468  | I                | 18,371               | -                                | Capitalization Grants for Drinking Water State Revolving Funds  | C2259003                   | Alabama Department of Environmental Mana  |                              |
| 66.468  | I                | 16,402               | -                                | Capitalization Grants for Drinking Water State Revolving Funds  | VC171316B001               | New Hampshire Department of Environmental |                              |
|   |                  | <u>62,998,457</u>    | <u>55,511,105</u>                | Total - Drinking Water State Revolving Fund (DWSRF) Cluster - U. S. Environmental Protection Agency           |                            |   |                              |
|   |                  | 62,998,457           | 55,511,105                       | Total - Drinking Water State Revolving Fund (DWSRF)   |                            |   |                              |

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| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name             | Additional Award Information |
|---|------------------|----------------------|----------------------------------|--|----------------------------|--------------------------------------|------------------------------|
| <b>Food Distribution—Cluster:</b>                               |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Agriculture</b>                          |                  |                      |                                  |  |                            |                                      |                              |
| 10.565  | D                | 7,172,607            | 7,172,607                        | Commodity Supplemental Food Program  |                            |                                      |                              |
| 10.568  | D                | 14,216,226           | 12,914,746                       | Emergency Food Assistance Program (Administrative Costs)   |                            |                                      |                              |
| 10.569  | D                | 24,235,666           | 24,235,666                       | Emergency Food Assistance Program (Food Commodities)   |                            |                                      |                              |
|   |                  | <u>45,624,499</u>    | <u>44,323,019</u>                | Total - Food Distribution Cluster - U. S. Department of Agriculture  |                            |                                      |                              |
|   |                  | 45,624,499           | 44,323,019                       | Total - Food Distribution  |                            |                                      |                              |
| <b>Employment Service—Cluster:</b>                              |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Labor</b>                                |                  |                      |                                  |  |                            |                                      |                              |
| 17.207  | D                | 22,824,940           | -                                | Employment Service/Wagner-Peyser Funded Activities   |                            |                                      |                              |
| 17.801  | D                | 6,748,891            | -                                | Jobs for Veterans State Grants   |                            |                                      |                              |
|   |                  | <u>29,573,831</u>    | <u>-</u>                         | Total - Employment Service Cluster - U. S. Department of Labor   |                            |                                      |                              |
|   |                  | 29,573,831           | -                                | Total - Employment Service   |                            |                                      |                              |
| <b>Fish and Wildlife—Cluster:</b>                               |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Interior</b>                             |                  |                      |                                  |  |                            |                                      |                              |
| 15.605  | D                | 12,102,245           | -                                | Sport Fish Restoration   |                            |                                      |                              |
| 15.611  | D                | 21,771,046           | 1,390,203                        | Wildlife Restoration and Basic Hunter Education  |                            |                                      |                              |
| 15.626  | D                | 238,232              | -                                | Enhanced Hunter Education and Safety   |                            |                                      |                              |
|   |                  | <u>34,111,523</u>    | <u>1,390,203</u>                 | Total - Fish and Wildlife Cluster - U. S. Department of Interior   |                            |                                      |                              |
|   |                  | 34,111,523           | 1,390,203                        | Total - Fish and Wildlife  |                            |                                      |                              |
| <b>Federal Transit—Cluster:</b>                                 |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Transportation</b>                       |                  |                      |                                  |  |                            |                                      |                              |
| 20.500  | D                | 693,522              | -                                | Federal Transit Capital Investment Grants  |                            |                                      |                              |
| 20.507  | D                | 1,688,314            | 1,688,314                        | Federal Transit Formula Grants   |                            |                                      |                              |
| 20.507  | D                | 1,451,251            | 1,451,251                        | COVID-19 - Federal Transit Formula Grants  |                            |                                      |                              |
| 20.526  | D                | 4,794,145            | 4,794,145                        | Buses and Bus Facilities Formula, Competitive, and Low or No Emissions Programs  |                            |                                      |                              |
|   |                  | <u>8,627,232</u>     | <u>7,933,710</u>                 | Total - Federal Transit Cluster - U. S. Department of Transportation   |                            |                                      |                              |
|   |                  | 8,627,232            | 7,933,710                        | Total - Federal Transit  |                            |                                      |                              |
| <b>Foster Grandparent/Senior Companion—Cluster:</b>             |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Corporation for National and Community Service</b>     |                  |                      |                                  |  |                            |                                      |                              |
| 94.011  | D                | 396,253              | -                                | Foster Grandparent Program   |                            |                                      |                              |
| 94.016  | D                | 334,940              | -                                | Senior Companion Program   |                            |                                      |                              |
|   |                  | <u>731,193</u>       | <u>-</u>                         | Total - Foster Grandparent/Senior Companion Cluster - U. S. Corporation for National   |                            |                                      |                              |
|   |                  | 731,193              | -                                | Total - Foster Grandparent/Senior Companion  |                            |                                      |                              |
| <b>Federal Motor Carrier Safety Assistance (FMCSA)—Cluster:</b> |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Transportation</b>                       |                  |                      |                                  |  |                            |                                      |                              |
| 20.218  | D                | 10,938,413           | -                                | Motor Carrier Safety Assistance  |                            |                                      |                              |
| 20.237  | D                | 748,098              | -                                | Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements   |                            |                                      |                              |
|   |                  | <u>11,686,511</u>    | <u>-</u>                         | Total - Federal Motor Carrier Safety Assistance Cluster (FMCSA) - U. S. Department of Transportation   |                            |                                      |                              |
|   |                  | 11,686,511           | -                                | Total - Federal Motor Carrier Safety Assistance (FMCSA)  |                            |                                      |                              |
| <b>Health Center Program—Cluster:</b>                           |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Health and Human Services</b>            |                  |                      |                                  |  |                            |                                      |                              |
| 93.224  | D                | 3,646,766            | 2,837,321                        | Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)            |                            |                                      |                              |
| 93.224  | D                | 1,876,569            | -                                | COVID-19 - Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care) |                            |                                      |                              |
| 93.224  | I                | 173,748              | -                                | Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)            | AWD-22-0712-001            | Greene County Health Care Inc        |                              |
| 93.527  | D                | 39,732               | -                                | COVID-19 - Grants for New and Expanded Services under the Health Center Program  |                            |                                      |                              |
|   |                  | <u>5,736,815</u>     | <u>2,837,321</u>                 | Total - Health Center Program Cluster - U. S. Department of Health and Human Services  |                            |                                      |                              |
|   |                  | 5,736,815            | 2,837,321                        | Total - Health Center Program  |                            |                                      |                              |
| <b>Head Start—Cluster:</b>                                      |                  |                      |                                  |  |                            |                                      |                              |
| <b>U. S. Department of Health and Human Services</b>            |                  |                      |                                  |  |                            |                                      |                              |
| 93.600  | D                | 191,240              | -                                | Head Start   |                            |                                      |                              |
| 93.600  | I                | 100,612              | -                                | Head Start   | 2022-0033 FILE 12555       | Education Development Center, Inc.   |                              |
| 93.600  | I                | (5,816)              | -                                |  | 719100-NTI                 | American Academy of Pediatrics (AAP) |                              |

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| Federal ALN  | Direct/ Indirect | Program Expenditures  | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                        | Additional Award Information |
|--|------------------|-----------------------|----------------------------------|---|----------------------------|---|------------------------------|
| 93.600   | I                | 148,780               | -                                | Head Start  | 90HC00021-01-00            | Start Early                                     |                              |
| 93.600   | I                | 51,385                | -                                | Head Start  | UNC YEAR 2                 | Start Early                                     |                              |
|  |                  | <u>486,201</u>        | <u>-</u>                         | Total - Head Start Cluster - U. S. Department of Health and Human Services                            |                            |   |                              |
|  |                  | <u>486,201</u>        | <u>-</u>                         | Total - Head Start  |                            |   |                              |
| <b>Housing Voucher—Cluster:</b>                          |                  |                       |                                  |   |                            |   |                              |
| <b>U. S. Department of Housing and Urban Development</b> |                  |                       |                                  |   |                            |   |                              |
| 14.871   | D                | 6,718,528             | 5,892,556                        | Section 8 Housing Choice Vouchers   |                            |   |                              |
| 14.879   | D                | 127,263               | 127,263                          | Mainstream Vouchers   |                            |   |                              |
|  |                  | <u>6,845,791</u>      | <u>6,019,819</u>                 | Total - Housing Voucher Cluster - U. S. Department of Housing and Urban Development                   |                            |   |                              |
|  |                  | <u>6,845,791</u>      | <u>6,019,819</u>                 | Total - Housing Voucher   |                            |   |                              |
| <b>Highway Safety—Cluster:</b>                           |                  |                       |                                  |   |                            |   |                              |
| <b>U. S. Department of Transportation</b>                |                  |                       |                                  |   |                            |   |                              |
| 20.600   | D                | 7,556,758             | 3,156,324                        | State and Community Highway Safety  |                            |   |                              |
| 20.616   | D                | 7,115,984             | 1,127,577                        | National Priority Safety Programs   |                            |   |                              |
|  |                  | <u>14,672,742</u>     | <u>4,283,901</u>                 | Total - Highway Safety Cluster - U. S. Department of Transportation                                   |                            |   |                              |
|  |                  | <u>14,672,742</u>     | <u>4,283,901</u>                 | Total - Highway Safety  |                            |   |                              |
| <b>Medicaid—Cluster:</b>                                 |                  |                       |                                  |   |                            |   |                              |
| <b>U. S. Department of Health and Human Services</b>     |                  |                       |                                  |   |                            |   |                              |
| 93.775   | D                | 5,340,802             | -                                | State Medicaid Fraud Control Units  |                            |   |                              |
| 93.777   | D                | 15,791,640            | -                                | State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare          |                            |   |                              |
| 93.777   | D                | 1,461,647             | -                                | COVID-19 State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare |                            |   |                              |
| 93.778   | D                | 13,271,439,760        | 327,332,860                      | Medical Assistance Program  |                            |   |                              |
| 93.778   | D                | 1,399,035,326         | -                                | COVID-19 - Medical Assistance Program   |                            |   |                              |
| 93.778   | I                | 2,374                 | -                                | Medical Assistance Program  | 2-312-0215922-66851L       | Research Triangle Institute (RTI International) |                              |
| 93.778   | I                | 22,203                | -                                | Medical Assistance Program  | AWD-23-0277                | Access East Inc                                 |                              |
|  |                  | <u>14,693,093,752</u> | <u>327,332,860</u>               | Total - Medicaid Cluster - U. S. Department of Health and Human Services                              |                            |   |                              |
|  |                  | <u>14,693,093,752</u> | <u>327,332,860</u>               | Total - Medicaid  |                            |   |                              |
| <b>Economic Development—Cluster:</b>                     |                  |                       |                                  |   |                            |   |                              |
| <b>U. S. Department of Commerce</b>                      |                  |                       |                                  |   |                            |   |                              |
| 11.300   | D                | 970,548               | -                                | Investments for Public Works and Economic Development Facilities                                      |                            |   |                              |
| 11.307   | D                | 3,391,596             | 1,140,422                        | Economic Adjustment Assistance  |                            |   |                              |
| 11.307   | I                | 7,128                 | -                                | Economic Adjustment Assistance  | Executed 12-10-2021        | E4Carolinas Inc                                 |                              |
|  |                  | <u>4,369,272</u>      | <u>1,140,422</u>                 | Total - Economic Development Cluster - U. S. Department of Commerce                                   |                            |   |                              |
|  |                  | <u>4,369,272</u>      | <u>1,140,422</u>                 | Total - Economic Development  |                            |   |                              |
| <b>Research and Development—Cluster:</b>                 |                  |                       |                                  |   |                            |   |                              |
| <b>U. S. Peace Corps</b>                                 |                  |                       |                                  |   |                            |   |                              |
| 06.RD  | D                | 3,925                 | -                                | U. S. Peace Corps   |                            |   | A13-0655-001                 |
|  |                  | <u>3,925</u>          | <u>-</u>                         | Total - Research and Development - U. S. Peace Corps  |                            |   |                              |
| <b>U. S. Department of Agriculture</b>                   |                  |                       |                                  |   |                            |   |                              |
| 10.001   | D                | 3,874,755             | 64,914                           | Agricultural Research Basic and Applied Research  |                            |   |                              |
| 10.001   | I                | 5,506                 | -                                | Agricultural Research Basic and Applied Research  | 58-8070-0-003              | USDA Ars  |                              |
| 10.001   | I                | 17,730                | -                                | Agricultural Research Basic and Applied Research  | G-202104-67775             | CRDF Global                                     |                              |
| 10.001   | I                | 14,321                | -                                | Agricultural Research Basic and Applied Research  | R-202105-67760             | CRDF Global                                     |                              |
| 10.025   | D                | 7,698,191             | 194,203                          | Plant and Animal Disease, Pest Control, and Animal Care   |                            |   |                              |
| 10.069   | I                | 7,503                 | -                                | Conservation Reserve Program  | SUB00003005                | Univ Of Georgia                                 |                              |
| 10.168   | D                | (138)                 | -                                | Farmers Market Promotion Program  |                            |   |                              |
| 10.170   | I                | 95                    | -                                | Specialty Crop Block Grant Program - Farm Bill  | 6059-NCSU-PDA-7029         | Pennsylvania State Univ                         |                              |
| 10.170   | I                | (10,494)              | -                                | Specialty Crop Block Grant Program - Farm Bill  | RC109247-NCSU              | Michigan State University                       |                              |
| 10.175   | D                | 187,518               | 28,454                           | Farmers Market and Local Food Promotion Program   |                            |   |                              |
| 10.176   | D                | 5,396                 | -                                | Dairy Business Innovation Initiatives   |                            |   |                              |
| 10.176   | I                | 96,394                | -                                | Dairy Business Innovation Initiatives   | A23-0048-S001              | Univ Of Tennessee                               |                              |
| 10.177   | D                | 5,000                 | -                                | Regional Food System Partnerships   |                            |   |                              |
| 10.177   | I                | 38,845                | 33,671                           | Regional Food System Partnerships   | NEXTGEN-HEMP-0000000003    | Found. For Food & Agri. Res                     |                              |
| 10.200   | D                | 9,290,118             | 6,778,295                        | Grants for Agricultural Research, Special Research Grants   |                            |   |                              |
| 10.200   | I                | 9,610                 | -                                | Grants for Agricultural Research, Special Research Grants   | 2018-38500-28888           | South Reg Aqua Ctr                              |                              |
| 10.200   | I                | 14,021                | -                                | Grants for Agricultural Research, Special Research Grants   | 2100836767                 | Univ Of Florida                                 |                              |
| 10.200   | I                | 46,389                | -                                | Grants for Agricultural Research, Special Research Grants   | 321673.04.05.FR20-9        | South Reg Aqua Ctr                              |                              |
| 10.200   | I                | 50,475                | -                                | Grants for Agricultural Research, Special Research Grants   | 322725321673.04.05.FR20-4  | South Reg Aqua Ctr                              |                              |
| 10.200   | I                | (1,364)               | -                                | Grants for Agricultural Research, Special Research Grants   | PO 2000754990              | Univ Of Florida                                 |                              |
| 10.200   | I                | 7,712                 | -                                | Grants for Agricultural Research, Special Research Grants   | PO 2000807335              | Univ Of Florida                                 |                              |
| 10.200   | I                | 962                   | -                                | Grants for Agricultural Research, Special Research Grants   | PO 2100819708              | Univ Of Florida                                 |                              |
| 10.200   | I                | 399                   | -                                | Grants for Agricultural Research, Special Research Grants   | PO 2100821807              | Univ Of Florida                                 |                              |
| 10.200   | I                | 1                     | -                                | Grants for Agricultural Research, Special Research Grants   | PO# 2000755012             | Univ Of Florida                                 |                              |
| 10.200   | I                | (1,462)               | -                                | Grants for Agricultural Research, Special Research Grants   | PO# 2100863318             | Univ Of Florida                                 |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name              | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|--|---------------------------------------|------------------------------|
| 10.200      | I                | 924                  | -                                | Grants for Agricultural Research, Special Research Grants                           | PO#2000754404  | Univ Of Florida                       |                              |
| 10.200      | I                | 172                  | -                                | Grants for Agricultural Research, Special Research Grants                           | PO#2000782924  | Univ Of Florida                       |                              |
| 10.200      | I                | (1,456)              | -                                | Grants for Agricultural Research, Special Research Grants                           | UMS1238  | Univ Of Maine                         |                              |
| 10.200      | I                | 111,037              | -                                | Grants for Agricultural Research, Special Research Grants                           | UMS1317  | Univ Of Maine                         |                              |
| 10.206      | D                | 5,137,013            | 51,687                           | Grants for Agricultural Research Competitive Research Grants                        |  |                                       |                              |
| 10.210      | D                | 209,919              | -                                | Higher Education – Graduate Fellowships Grant Program                               |  |                                       |                              |
| 10.212      | I                | 1,705                | -                                | Small Business Innovation Research  | 2018-0772  | Highland Brewing Company              |                              |
| 10.212      | I                | 78,729               | -                                | Small Business Innovation Research  | 2020-2830  | Synshark LLC                          |                              |
| 10.212      | I                | 18,582               | -                                | Small Business Innovation Research  | M2202707   | Banfieldbio Inc                       |                              |
| 10.212      | I                | (25,736)             | -                                | Small Business Innovation Research  | SBIR--A Community Focused Participatory Research Program to Evaluate COSolutions | Innovative Educational Resources, LLC |                              |
| 10.215      | I                | 16,693               | -                                | Sustainable Agriculture Research and Education                                      | 3532446  | Duke University                       |                              |
| 10.215      | I                | 68,950               | -                                | Sustainable Agriculture Research and Education                                      | 419235-19071   | Virginia Polytech Inst.               |                              |
| 10.215      | I                | 63,856               | -                                | Sustainable Agriculture Research and Education                                      | Contingency Ltr dated 03.18.20   | University of Georgia                 |                              |
| 10.215      | I                | 20,619               | -                                | Sustainable Agriculture Research and Education                                      | Email dated 6/14/19  | University of Georgia                 |                              |
| 10.215      | I                | 14,542               | -                                | Sustainable Agriculture Research and Education                                      | H0009976 14  | Univ Of Wisconsin- River Falls        |                              |
| 10.215      | I                | 40,184               | 15,116                           | Sustainable Agriculture Research and Education                                      | SUB00002015  | Univ Of Georgia                       |                              |
| 10.215      | I                | 5,235                | 4,713                            | Sustainable Agriculture Research and Education                                      | SUB00002032  | Univ Of Georgia                       |                              |
| 10.215      | I                | 44,545               | 27,331                           | Sustainable Agriculture Research and Education                                      | SUB00002040  | Board Reg Univ System Georgia         |                              |
| 10.215      | I                | (2,049)              | 1,135                            | Sustainable Agriculture Research and Education                                      | SUB00002348  | Univ Of Georgia                       |                              |
| 10.215      | I                | 3,536                | -                                | Sustainable Agriculture Research and Education                                      | SUB00002396  | Raf USA                               |                              |
| 10.215      | I                | 278                  | -                                | Sustainable Agriculture Research and Education                                      | SUB00002522  | Univ Of Georgia                       |                              |
| 10.215      | I                | 7,846                | -                                | Sustainable Agriculture Research and Education                                      | SUB00002568  | Univ Of Georgia                       |                              |
| 10.215      | I                | 906                  | -                                | Sustainable Agriculture Research and Education                                      | SUB00002765  | University of Georgia                 |                              |
| 10.215      | I                | 3,363                | -                                | Sustainable Agriculture Research and Education                                      | SUB00002818  | Univ Of Georgia                       |                              |
| 10.215      | I                | 26,425               | -                                | Sustainable Agriculture Research and Education                                      | SUB00002860  | Univ Of Georgia                       |                              |
| 10.216      | D                | 394,123              | -                                | 1890 Institution Capacity Building Grants   |  |                                       |                              |
| 10.216      | I                | 11,427               | -                                | 1890 Institution Capacity Building Grants   | 332.77-19.0684   | Tennessee State University            |                              |
| 10.216      | I                | 2,294                | -                                | 1890 Institution Capacity Building Grants   | KSU19-008  | Kentucky State Univ                   |                              |
| 10.217      | D                | 172,499              | 96,816                           | Higher Education - Institution Challenge Grants Program                             |  |                                       |                              |
| 10.217      | I                | 42,804               | -                                | Higher Education - Institution Challenge Grants Program                             | 2022-4-53734   | Cal Poly Corporation                  |                              |
| 10.217      | I                | 100,234              | -                                | Higher Education - Institution Challenge Grants Program                             | Subaward No: 022364A   | Iowa State University                 |                              |
| 10.219      | D                | 411,582              | 727                              | Biotechnology Risk Assessment Research  |  |                                       |                              |
| 10.219      | I                | 99,844               | -                                | Biotechnology Risk Assessment Research  | 82936-Z5153201   | Univ Of Maryland, College Park        |                              |
| 10.219      | I                | 80,125               | -                                | Biotechnology Risk Assessment Research  | SUB00002838  | Univ Of Florida                       |                              |
| 10.220      | D                | 41,181               | -                                | Higher Education - Multicultural Scholars Grant Program                             |  |                                       |                              |
| 10.225      | I                | 665                  | -                                | Community Food Projects   | 2019-0315  | Farmer Foodshare                      |                              |
| 10.228      | I                | 7,438                | -                                | Alaska Native Serving and Native Hawaiian Serving Institutions Education Grants     | UAF 19-0118  | University Of Alaska Fairbanks        |                              |
| 10.230      | I                | 23,498               | 4,692                            | Farm of the Future  | 9500098544   | Univ Of Tennessee                     |                              |
| 10.250      | D                | 139,216              | -                                | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations |  |                                       |                              |
| 10.253      | D                | 6,873                | -                                | Consumer Data and Nutrition Research  |  |                                       |                              |
| 10.290      | D                | 24,132               | -                                | Agricultural Market and Economic Research   |  |                                       |                              |
| 10.303      | D                | 673,329              | -                                | Integrated Programs   |  |                                       |                              |
| 10.303      | I                | 21,119               | -                                | Integrated Programs   | A21-1561-S0001   | Univ Of Cal - Davis                   |                              |
| 10.303      | I                | 27,931               | -                                | Integrated Programs   | Subaward #: SUB00002201  | University of Georgia                 |                              |
| 10.304      | I                | 11,518               | -                                | Homeland Security Agricultural  | SUB00002900  | Univ Of Florida                       |                              |
| 10.304      | I                | 6,053                | -                                | Homeland Security Agricultural  | SUB00003516  | Univ Of Florida                       |                              |
| 10.307      | D                | 509,966              | 230,033                          | Organic Agriculture Research and Extension Initiative                               |  |                                       |                              |
| 10.307      | I                | 116,269              | -                                | Organic Agriculture Research and Extension Initiative                               | 137901-21047   | Cornell University                    |                              |
| 10.307      | I                | 45,340               | -                                | Organic Agriculture Research and Extension Initiative                               | 2048-207-2012799   | Clemson University                    |                              |
| 10.307      | I                | 29,443               | -                                | Organic Agriculture Research and Extension Initiative                               | F0004577402020   | Purdue University                     |                              |
| 10.307      | I                | 16,979               | -                                | Organic Agriculture Research and Extension Initiative                               | Subaward No: F0004577402019  | Purdue University                     |                              |
| 10.309      | D                | 5,960,686            | 3,673,923                        | Specialty Crop Research Initiative  |  |                                       |                              |
| 10.309      | I                | 5,323                | -                                | Specialty Crop Research Initiative  | 014600.327226.04   | Mississippi State Univ                |                              |
| 10.309      | I                | 2,693                | -                                | Specialty Crop Research Initiative  | 06-M1703518  | Texas A&M Univ.                       |                              |
| 10.309      | I                | 206,729              | -                                | Specialty Crop Research Initiative  | 2168-207-2023550   | Clemson University                    |                              |
| 10.309      | I                | 125,726              | -                                | Specialty Crop Research Initiative  | 332.77-21.2178   | Tennessee State University            |                              |
| 10.309      | I                | 1,360                | -                                | Specialty Crop Research Initiative  | 79598-10780  | Cornell University                    |                              |
| 10.309      | I                | 65,602               | -                                | Specialty Crop Research Initiative  | 92884-20619  | Cornell University                    |                              |
| 10.309      | I                | 1,050                | -                                | Specialty Crop Research Initiative  | A18-0425-S003-P0671355   | Univ Of Cal - Santa Cruz              |                              |
| 10.309      | I                | 100,558              | -                                | Specialty Crop Research Initiative  | C00075394-4  | Curators Of Univ Of Missouri          |                              |
| 10.309      | I                | 127,214              | -                                | Specialty Crop Research Initiative  | M2002886   | Texas A&M Univ.                       |                              |
| 10.309      | I                | 6,049                | -                                | Specialty Crop Research Initiative  | RC107752C  | Michigan State University             |                              |
| 10.309      | I                | 198,615              | -                                | Specialty Crop Research Initiative  | RC111377D  | Michigan State University             |                              |
| 10.309      | I                | 281,460              | -                                | Specialty Crop Research Initiative  | RC111414B  | Michigan State University             |                              |
| 10.309      | I                | 1,593                | -                                | Specialty Crop Research Initiative  | RC114514NCSU   | Michigan State University             |                              |
| 10.309      | I                | 51,036               | -                                | Specialty Crop Research Initiative  | S000222-NIFA   | Pennsylvania State Univ               |                              |
| 10.309      | I                | 106,384              | -                                | Specialty Crop Research Initiative  | SUB00002011  | Univ Of Florida                       |                              |
| 10.309      | I                | 117,079              | -                                | Specialty Crop Research Initiative  | SUB00002406  | Univ Of Georgia                       |                              |
| 10.309      | I                | 169,342              | -                                | Specialty Crop Research Initiative  | SUBAWARD # M1900024  | Texas A&M Univ.                       |                              |
| 10.310      | D                | 13,380,513           | 4,978,143                        | Agriculture and Food Research Initiative (AFRI)                                     |  |                                       |                              |
| 10.310      | I                | 18,286               | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 011100.327115.03   | Mississippi State Univ                |                              |
| 10.310      | I                | 4,726                | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 025312A  | Iowa State University                 |                              |
| 10.310      | I                | 3,190                | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 0467 PO# 864010  | Rutgers University                    |                              |
| 10.310      | I                | 38,373               | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 1-508212   | Oklahoma State Univ                   |                              |
| 10.310      | I                | 56,070               | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 10010542-NCSU  | Bowling Green State University        |                              |
| 10.310      | I                | (3,040)              | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 10050723-01:PO U000257934  | Univ Of Utah                          |                              |
| 10.310      | I                | 9,754                | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 137536-20963   | Cornell University                    |                              |
| 10.310      | I                | 62,753               | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 2  | American Assoc Of Swine Vets          |                              |
| 10.310      | I                | 197,056              | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 2021-67013-34537-CC-001  | Carroll College                       |                              |
| 10.310      | I                | 36,538               | -                                | Agriculture and Food Research Initiative (AFRI)                                     | 2027-207-2012546   | Clemson University                    |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number     | Pass-Through Entity Name                                 | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--------------------------------|--|------------------------------|
| 10.310      | I                | 19,492               | -                                | Agriculture and Food Research Initiative (AFRI)  | 203909-780                     | Utah State University                                    |                              |
| 10.310      | I                | 72,470               | -                                | Agriculture and Food Research Initiative (AFRI)  | 21-4264-PO#2000055687          | Univ Of South Carolina                                   |                              |
| 10.310      | I                | 69,197               | -                                | Agriculture and Food Research Initiative (AFRI)  | 2196-207-2013869               | Clemson University                                       |                              |
| 10.310      | I                | 154,039              | -                                | Agriculture and Food Research Initiative (AFRI)  | 410553                         | Univ Of Connecticut                                      |                              |
| 10.310      | I                | (7,441)              | -                                | Agriculture and Food Research Initiative (AFRI)  | 422585-19071                   | Virginia Polytech Inst.                                  |                              |
| 10.310      | I                | (2,142)              | -                                | Agriculture and Food Research Initiative (AFRI)  | 423551-19071                   | Virginia Polytech Inst.                                  |                              |
| 10.310      | I                | 18,315               | -                                | Agriculture and Food Research Initiative (AFRI)  | 424978                         | University of Connecticut                                |                              |
| 10.310      | I                | 116,589              | -                                | Agriculture and Food Research Initiative (AFRI)  | 480                            | Florida Int'l Univ.                                      |                              |
| 10.310      | I                | 44,337               | -                                | Agriculture and Food Research Initiative (AFRI)  | 494979                         | University of Connecticut                                |                              |
| 10.310      | I                | 787                  | -                                | Agriculture and Food Research Initiative (AFRI)  | 5112-1302-00-D/PO 000007000    | Univ of South Florida                                    |                              |
| 10.310      | I                | 49,120               | -                                | Agriculture and Food Research Initiative (AFRI)  | 6101-NCSU-USDA-9251            | Pennsylvania State Univ                                  |                              |
| 10.310      | I                | 18,534               | -                                | Agriculture and Food Research Initiative (AFRI)  | 91210-ZS214201                 | Univ Of Maryland, College Park                           |                              |
| 10.310      | I                | 74,686               | -                                | Agriculture and Food Research Initiative (AFRI)  | 91660-ZS129202                 | Univ Of Maryland, College Park                           |                              |
| 10.310      | I                | 12,930               | -                                | Agriculture and Food Research Initiative (AFRI)  | 929                            | Univ Of Wisconsin- Madison                               |                              |
| 10.310      | I                | 43,942               | -                                | Agriculture and Food Research Initiative (AFRI)  | 95324-ZS248201                 | Univ Of Maryland, College Park                           |                              |
| 10.310      | I                | 137,382              | -                                | Agriculture and Food Research Initiative (AFRI)  | A19-0080-S001                  | Univ Of Cal - Davis                                      |                              |
| 10.310      | I                | 65,692               | -                                | Agriculture and Food Research Initiative (AFRI)  | AA4673-771979                  | Univ of Idaho  |                              |
| 10.310      | I                | 19,638               | -                                | Agriculture and Food Research Initiative (AFRI)  | C00078492-1                    | University of Missouri                                   |                              |
| 10.310      | I                | 9,337                | -                                | Agriculture and Food Research Initiative (AFRI)  | C00080426-3                    | Curators Of Univ Of Missouri                             |                              |
| 10.310      | I                | 40,727               | -                                | Agriculture and Food Research Initiative (AFRI)  | C0612B-A                       | Oregon State Univ.                                       |                              |
| 10.310      | I                | 7,858                | -                                | Agriculture and Food Research Initiative (AFRI)  | F0016875202004                 | Purdue University  |                              |
| 10.310      | I                | 35,496               | -                                | Agriculture and Food Research Initiative (AFRI)  | H008051401                     | Univ Of Minnesota  |                              |
| 10.310      | I                | 1,532                | -                                | Agriculture and Food Research Initiative (AFRI)  | KFS#5653710 PO#431323          | Univ Of Connecticut                                      |                              |
| 10.310      | I                | (104)                | -                                | Agriculture and Food Research Initiative (AFRI)  | RC104967NCSU                   | Michigan State University                                |                              |
| 10.310      | I                | 80,664               | -                                | Agriculture and Food Research Initiative (AFRI)  | RC111302B                      | Michigan State University                                |                              |
| 10.310      | I                | 2,813                | -                                | Agriculture and Food Research Initiative (AFRI)  | RC112047B                      | Michigan State University                                |                              |
| 10.310      | I                | 64,032               | -                                | Agriculture and Food Research Initiative (AFRI)  | S001433-USDA                   | Pennsylvania State Univ                                  |                              |
| 10.310      | I                | 90,100               | -                                | Agriculture and Food Research Initiative (AFRI)  | SUB00002760                    | The Board of Regents of the University System of Georgia |                              |
| 10.310      | I                | 5,289                | -                                | Agriculture and Food Research Initiative (AFRI)  | Subaward No. 416346            | Mississippi State University                             |                              |
| 10.310      | I                | 78,824               | -                                | Agriculture and Food Research Initiative (AFRI)  | Subaward No. 416346            | University of Connecticut                                |                              |
| 10.310      | I                | 30,359               | -                                | Agriculture and Food Research Initiative (AFRI)  | UFDSP00011871 P0051625         | Univ Of Florida  |                              |
| 10.311      | D                | 272,063              | 72,919                           | Beginning Farmer and Rancher Development Program   |                                |  |                              |
| 10.318      | D                | 935                  | -                                | Women and Minorities in Science, Technology, Engineering, and Mathematics Fields                                   |                                |  |                              |
| 10.319      | I                | 32,862               | -                                | Farm Business Management and Benchmarking Competitive Grants Program   | Subaward No: C00074740-4       | University of Missouri-Columbia                          |                              |
| 10.320      | I                | 2,380                | -                                | Sun Grant Program  | 3200004090-22-003              | Univ Of Kentucky Res. Found.                             |                              |
| 10.320      | I                | 82,570               | -                                | Sun Grant Program  | 9500098545                     | Univ Of Tennessee  |                              |
| 10.326      | I                | 24,661               | -                                | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A539-01                      | Texas Tech University                                    |                              |
| 10.326      | I                | 7,296                | -                                | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A553-01                      | Texas Tech University                                    |                              |
| 10.326      | I                | 43,581               | -                                | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A553-01 PSC                  | Texas Tech University                                    |                              |
| 10.328      | I                | 86,873               | -                                | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 2-312-0217699-66304L           | Rti International  |                              |
| 10.328      | I                | (777)                | -                                | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | UFDSP00012322                  | Univ Of Florida  |                              |
| 10.329      | D                | 369,626              | 236,560                          | Crop Protection and Pest Management Competitive Grants Program   |                                |  |                              |
| 10.329      | I                | 20,897               | -                                | Crop Protection and Pest Management Competitive Grants Program   | 2021-1832                      | Southern Region Ipm Center                               |                              |
| 10.329      | I                | 482                  | -                                | Crop Protection and Pest Management Competitive Grants Program   | 2023-2012                      | Southern Region Ipm Center                               |                              |
| 10.329      | I                | 24,753               | -                                | Crop Protection and Pest Management Competitive Grants Program   | 423616-19071                   | Virginia Polytech Inst.                                  |                              |
| 10.329      | I                | 1,739                | -                                | Crop Protection and Pest Management Competitive Grants Program   | M2102879                       | Texas A&M Agrilife Research                              |                              |
| 10.336      | D                | 3,594                | -                                | Veterinary Services Grant Program  |                                |  |                              |
| 10.351      | D                | 242,705              | -                                | Rural Business Development Grant   |                                |  |                              |
| 10.500      | D                | 16,628,113           | 74,533                           | Cooperative Extension Service  |                                |  |                              |
| 10.500      | I                | 54,396               | -                                | Cooperative Extension Service  | F9000067402040                 | Purdue University  |                              |
| 10.500      | I                | 2,600                | -                                | Cooperative Extension Service  | NTAE-2022-2244                 | Extension Foundation                                     |                              |
| 10.500      | I                | 52,729               | -                                | Cooperative Extension Service  | SPC-1000005726/GR124720        | Ohio State   |                              |
| 10.519      | D                | 491,560              | -                                | Equipment Grants Program (EGP)   |                                |  |                              |
| 10.522      | D                | 533,068              | 353,644                          | Food and Agriculture Service Learning Program  |                                |  |                              |
| 10.523      | I                | 62,225               | 34,165                           | Centers of Excellence at 1890 Institutions   | 2021-38427-34838               | University of Maryland Eastern Shore                     |                              |
| 10.523      | I                | 258,524              | -                                | Centers of Excellence at 1890 Institutions   | Contingency Ltr dated 6/4/2021 | Southern University and A&M College                      |                              |
| 10.523      | I                | 19,517               | 6,923                            | Centers of Excellence at 1890 Institutions   | Sub award No: 2020-38427-31514 | University of Maryland Eastern Shore                     |                              |
| 10.525      | I                | 24,158               | -                                | Farm and Ranch Stress Assistance Network Competitive Grants Program  | A21-0450-S009                  | The University of Tennessee                              |                              |
| 10.525      | I                | 96,165               | -                                | Farm and Ranch Stress Assistance Network Competitive Grants Program  | A21-0450-S010 /9500116799      | Univ Of Tennessee  |                              |
| 10.533      | D                | 231,669              | -                                | SNAP-Ed Toolkit  |                                |  |                              |
| 10.600      | D                | 11,900               | -                                | Foreign Market Development Cooperator Program  |                                |  |                              |
| 10.604      | D                | 150,588              | -                                | Technical Assistance for Specialty Crops Program   |                                |  |                              |
| 10.620      | D                | 1,057                | -                                | Scientific Exchanges Program   |                                |  |                              |
| 10.620      | I                | 110,217              | -                                | Scientific Exchanges Program   | C00075895-1                    | Curators Of Univ Of Missouri                             |                              |
| 10.652      | D                | 275,466              | -                                | Forestry Research  |                                |  |                              |
| 10.664      | D                | 6,993                | -                                | Cooperative Forestry Assistance  |                                |  |                              |
| 10.674      | D                | (882)                | -                                | Wood Utilization Assistance  |                                |  |                              |
| 10.675      | D                | 52,913               | -                                | Urban and Community Forestry Program   |                                |  |                              |
| 10.680      | D                | 23,704               | -                                | Forest Health Protection   |                                |  |                              |
| 10.680      | I                | (289)                | -                                | Forest Health Protection   | SUB00002605                    | Univ Of Georgia  |                              |
| 10.699      | D                | 347,693              | -                                | Partnership Agreements   |                                |  |                              |
| 10.707      | D                | 263,460              | 45,308                           | Research Joint Venture and Cost Reimbursable Agreements  |                                |  |                              |
| 10.777      | D                | 246,108              | -                                | Norman E. Borlaug International Agricultural Science and Technology Fellowship                                     |                                |  |                              |
| 10.868      | D                | 18,589               | -                                | Rural Energy for America Program   |                                |  |                              |
| 10.902      | D                | 250,518              | -                                | Soil and Water Conservation  |                                |  |                              |
| 10.902      | I                | 54,590               | -                                | Soil and Water Conservation  | 0008804/010821 PO#174479       | Univ Of Rhode Island                                     |                              |
| 10.902      | I                | 32,895               | -                                | Soil and Water Conservation  | 21-0657                        | National Black Farmers Assoc.                            |                              |
| 10.903      | D                | 32,051               | 4,484                            | Soil Survey  |                                |  |                              |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                         | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number                             | Pass-Through Entity Name                                | Additional Award Information |
|-------------------------------------|------------------|----------------------|----------------------------------|--|--|---|------------------------------|
| 10.912                              | D                | 810,251              | 361,917                          | Environmental Quality Incentives Program   |  |   |                              |
| 10.912                              | I                | 19,175               | -                                | Environmental Quality Incentives Program   | 2022-2600  | Nc Found For Soil & Water                               |                              |
| 10.912                              | I                | 31,353               | -                                | Environmental Quality Incentives Program   | 2287-207-2024535                                       | Clemson University                                      |                              |
| 10.912                              | I                | 16,219               | -                                | Environmental Quality Incentives Program   | RC112448 - NCSU  | Michigan State University                               |                              |
| 10.912                              | I                | 14,195               | -                                | Environmental Quality Incentives Program   | WLFW 2019-03   | Phasants Forever  |                              |
| 10.960                              | D                | 916,554              | 222,081                          | Technical Agricultural Assistance  |  |   |                              |
| 10.RD                               | D                | 22,129               | -                                | U. S. Department of Agriculture  |  |   | 19-CS-11083150-250           |
| 10.RD                               | D                | 3,160                | -                                | U. S. Department of Agriculture  |  |   | 19-JV-11242306-117           |
| 10.RD                               | D                | 14,075               | -                                | U. S. Department of Agriculture  |  |   | 19-PA-11081100-185           |
| 10.RD                               | D                | 25,770               | -                                | U. S. Department of Agriculture  |  |   | 20-JV-11330160-090           |
| 10.RD                               | D                | 30,263               | -                                | U. S. Department of Agriculture  |  |   | 20-JV-11330170-006           |
| 10.RD                               | D                | 100,148              | -                                | U. S. Department of Agriculture  |  |   | 21-CS-11330180-034           |
| 10.RD                               | D                | 24,924               | -                                | U. S. Department of Agriculture  |  |   | 21-JV-11272131-035           |
| 10.RD                               | D                | 18,749               | -                                | U. S. Department of Agriculture  |  |   | 21-JV-11330180-051           |
| 10.RD                               | D                | 7,043                | -                                | U. S. Department of Agriculture  |  |   | 21-JV-11330180-052           |
| 10.RD                               | D                | 27,175               | -                                | U. S. Department of Agriculture  |  |   | 23-PA-11330180-049           |
| 10.RD                               | D                | 2,484                | -                                | U. S. Department of Agriculture  |  |   | A19-0197-001                 |
| 10.RD                               | D                | 200,435              | -                                | U. S. Department of Agriculture  |  |   | AP23PPQS&T00C006             |
| 10.RD                               | I                | 130,484              | -                                | U. S. Department of Agriculture  | 1-312-0215472-52847L                                   | Rti International                                       | 1-312-0215472-52847L         |
| 10.RD                               | I                | 100,895              | -                                | U. S. Department of Agriculture  | 1-312-0218827-67052L                                   | Rti International                                       | 1-312-0218827-67052L         |
| 10.RD                               | I                | (3,234)              | -                                | U. S. Department of Agriculture  | 18-04-NCSU   | Christmas Tree Promotion Board                          | 18-04-NCSU                   |
| 10.RD                               | I                | 3,167                | -                                | U. S. Department of Agriculture  | 2023-0397  | American Egg Board                                      | 2023-0397                    |
| 10.RD                               | I                | 1,762                | -                                | U. S. Department of Agriculture  | 2023-0527  | American Egg Board                                      | 2023-0527                    |
| 10.RD                               | I                | 1,258                | -                                | U. S. Department of Agriculture  | 203768-783   | Utah State University                                   | 203768-783                   |
| 10.RD                               | I                | 2,407                | -                                | U. S. Department of Agriculture  | 22-86  | Potatoes USA  | 22-86                        |
| 10.RD                               | I                | 415,076              | 42,394                           | U. S. Department of Agriculture  | 511558   | Found. For Food & Agri. Res                             | 511558/2022-2667             |
| 10.RD                               | I                | 49,999               | 44,999                           | U. S. Department of Agriculture  | 511558/2022-2667                                       | Found. For Food & Agri. Res                             | 511558/2022-2667             |
| 10.RD                               | I                | 1,421                | -                                | U. S. Department of Agriculture  | Agreement dated 4/27/20                                | National Watermelon Promotion Board (NWPB)              | G-281123                     |
| 10.RD                               | I                | (5,488)              | -                                | U. S. Department of Agriculture  | CA18-SS-000000002;534667                               | Found. For Food & Agri. Res                             | CA18-SS-000000002;534667     |
| 10.RD                               | I                | 24,280               | -                                | U. S. Department of Agriculture  | CFSRPES agreement                                      | Tuskegee University                                     | G-281279                     |
| 10.RD                               | I                | 6,530                | -                                | U. S. Department of Agriculture  | CRSA Contractor Agreement                              | Carolina Farm Stewardship Association                   | G-281216                     |
| 10.RD                               | I                | 20,747               | -                                | U. S. Department of Agriculture  | NEXGEN-HEMP-000000016                                  | Found. For Food & Agri. Res                             | NEXGEN-HEMP-000000016        |
| 10.RD                               | I                | 2,660                | -                                | U. S. Department of Agriculture  | NEXTGEN-HEMP-000000003                                 | Found. For Food & Agri. Res                             | NEXTGEN-HEMP-000000003       |
| 10.RD                               | I                | 78                   | -                                | U. S. Department of Agriculture  | SUBAWARD NO: H006425303                                | University of Minnesota                                 | G-280996                     |
| 10.RD                               | I                | 48,250               | 37,250                           | U. S. Department of Agriculture  | Subaward No: F9002550402167                            | Purdue University                                       | G-281322                     |
| 10.RD                               | I                | 8,164                | -                                | U. S. Department of Agriculture  | UMES SUBAWARD SIGNED 12/12/16                          | University of Maryland Eastern Shore                    | G-280949                     |
|                                     |                  | <u>77,547,488</u>    | <u>17,721,030</u>                | Total - Research and Development - U. S. Department of Agriculture                                       |  |   |                              |
| <b>U. S. Department of Commerce</b> |                  |                      |                                  |  |  |   |                              |
| 11.008                              | I                | 10,690               | -                                | NOAA Mission-Related Education Awards  | 343-000091   | Duke University   |                              |
| 11.011                              | D                | 74,506               | -                                | Ocean Exploration  |  |   |                              |
| 11.011                              | I                | 6,587                | -                                | Ocean Exploration  | 110428 1   | Los Angeles County Museum of Natural History Foundation |                              |
| 11.011                              | I                | 4,389                | -                                | Ocean Exploration  | AWD-23-0477-001  | Ships of Exploration & Discovery Research Inc           |                              |
| 11.012                              | D                | 64,184               | 56,169                           | Integrated Ocean Observing System (IOOS)   |  |   |                              |
| 11.012                              | I                | (616)                | -                                | Integrated Ocean Observing System (IOOS)   | 10OS.16(028)JUNCW.LL.OBS.1                             | SECOORA   |                              |
| 11.012                              | I                | 56,619               | -                                | Integrated Ocean Observing System (IOOS)   | 204290JUNC   | University of Notre Dame                                |                              |
| 11.012                              | I                | 46,298               | -                                | Integrated Ocean Observing System (IOOS)   | 22-4626 PO 2000060713                                  | Univ Of South Carolina                                  |                              |
| 11.012                              | I                | 1,004                | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.16(028)JUNCCH.HS.OBS.                             | SECOORA Program   |                              |
| 11.012                              | I                | 28,708               | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)ECU.MM.HFR.1                               | Southeast Coastal Ocean Observing Regional Assn         |                              |
| 11.012                              | I                | 180,879              | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)JNCSTU.RH.MOD.1                            | Secoora   |                              |
| 11.012                              | I                | 329,114              | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)JUNCCH.BB                                  | SECOORA Program   |                              |
| 11.012                              | I                | 78,913               | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)JUNCCH.HS                                  | SECOORA Program   |                              |
| 11.012                              | I                | 5,583                | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.22(178)JUNCCH.HS.HURG                             | SECOORA Program   |                              |
| 11.012                              | I                | 43,641               | -                                | Integrated Ocean Observing System (IOOS)   | IOOS.23(81)JUNCW.LL.Top1.1                             | SECOORA   |                              |
| 11.012                              | I                | 299,429              | 50,921                           | Integrated Ocean Observing System (IOOS)   | IOOS.21-097 JUNCW.LL.OBS.1                             | SECOORA   |                              |
| 11.021                              | I                | 28,182               | -                                | NOAA Small Business Innovation Research (SBIR) Program   | NA21OAR0210489   | Sunburst Sensors, LLC                                   |                              |
| 11.022                              | I                | 54,872               | -                                | Bipartisan Budget Act of 2018  | I005.20(220)JUNCW.JL.WEBCOOS.1                         | SECOORA   |                              |
| 11.024                              | D                | 4,620                | -                                | Build To Scale   |  |   |                              |
| 11.028                              | D                | 100,069              | -                                | Connecting Minority Communities Pilot Program  |  |   |                              |
| 11.303                              | D                | 93,865               | -                                | Economic Development Technical Assistance  |  |   |                              |
| 11.405                              | I                | 8,779                | 5,776                            | Cooperative Institute (Inter-Agency Funded Activities)   | Cooperative Institute (Inter-Agency Funded Activities) |   | 119812-Z7646201              |
| 11.405                              | I                | 361,655              | 239,740                          | Cooperative Institute (Inter-Agency Funded Activities)   | Cooperative Institute (Inter-Agency Funded Activities) |   | 121327-Z7648201              |
| 11.417                              | D                | 101,964              | 10,443                           | Sea Grant Support  |  |   |                              |
| 11.417                              | I                | 14,604               | -                                | Sea Grant Support  | 0009046/021521/ PO#174738                              | Univ Of Rhode Island                                    |                              |
| 11.417                              | I                | 241,052              | 17,447                           | Sea Grant Support  | A21-220-5005-A01                                       | Univ Of South Alabama                                   |                              |
| 11.417                              | I                | 38,387               | -                                | Sea Grant Support  | M2001923   | Texas A and M Univ                                      |                              |
| 11.417                              | I                | 4,046                | -                                | Sea Grant Support  | SUB00002687  | Univ Of Georgia   |                              |
| 11.417                              | I                | 126,752              | -                                | Sea Grant Support  | SUB00002693  | Univ Of Florida   |                              |
| 11.419                              | I                | 15,760               | -                                | Coastal Zone Management Administration Awards  | 290552B  | University of Oregon                                    |                              |
| 11.419                              | I                | 11,634               | -                                | Coastal Zone Management Administration Awards  | SUBK00018013 PO3007325893                              | Univ Of Michigan  |                              |
| 11.419                              | I                | 11,000               | -                                | Coastal Zone Management Administration Awards  | SUBK00018015   | Regents of the University of Michigan                   |                              |
| 11.420                              | D                | 58,832               | -                                | Coastal Zone Management Estuarine Research Reserves  |  |   |                              |
| 11.427                              | D                | 149,599              | 23,868                           | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program |  |   |                              |
| 11.429                              | I                | 2,517                | -                                | Marine Sanctuary Program   | 5300-23-01-025/NA22/NOAS4290160                        | National Marine Sanctuary Foundation                    |                              |
| 11.431                              | D                | 1,176,312            | 301,616                          | Climate and Atmospheric Research   |  |   |                              |
| 11.431                              | I                | 14,017               | -                                | Climate and Atmospheric Research   | 17-3250/PO2000030010                                   | University of South Carolina (USC)                      |                              |
| 11.431                              | I                | (6,950)              | -                                | Climate and Atmospheric Research   | 35-5420-2005-001                                       | Univ Of Nebraska Medical Ctr                            |                              |
| 11.431                              | I                | 15,215               | -                                | Climate and Atmospheric Research   | 35-5420-2005-002                                       | Univ Of Nebraska Medical Ctr                            |                              |
| 11.431                              | I                | 770                  | -                                | Climate and Atmospheric Research   | 505016-78050   | Northeastern University                                 |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                        | Direct/ Indirect | Program Expenditures | Amount                    |   | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                                 | Additional Award Information |
|------------------------------------|------------------|----------------------|---------------------------|---|---|----------------------------|--|------------------------------|
|                                    |                  |                      | Provided to Subrecipients |   |   |                            |  |                              |
| 11.431                             | I                | 26,739               | -                         | - | Climate and Atmospheric Research  | Mod 1305M321FNRM0067P21001 | Harmonic International                                   |                              |
| 11.432                             | I                | 9,817,511            | 3,440,315                 | - | National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes                   | 80843-27553201             | Univ Of Maryland, College Park                           |                              |
| 11.432                             | I                | (341)                | -                         | - | National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes                   | URJ58                      | Florida Atlantic University                              |                              |
| 11.439                             | D                | 93,769               | -                         | - | Marine Mammal Data Program  |                            |  |                              |
| 11.451                             | I                | 22,561               | -                         | - | Gulf Coast Ecosystem Restoration Science, Observation, Monitoring, and Technology               | A19-0206-S004-A03          | Univ Of South Alabama                                    |                              |
| 11.454                             | D                | 240                  | -                         | - | Unallied Management Projects  |                            |  |                              |
| 11.459                             | D                | 134,529              | -                         | - | Weather and Air Quality Research  |                            |  |                              |
| 11.459                             | I                | 41,714               | -                         | - | Weather and Air Quality Research  | NA20OAR4590355             | Nurture Nature Ctr                                       |                              |
| 11.463                             | D                | 46,699               | -                         | - | Habitat Conservation  |                            |  |                              |
| 11.463                             | I                | 1,346                | -                         | - | Habitat Conservation  | 5300-23-03-044             | National Marine Sanctuary Foundation                     |                              |
| 11.467                             | I                | 24,236               | -                         | - | Meteorologic and Hydrologic Modernization Development   | 2869                       | Univ Corp for Atmospheric Research                       |                              |
| 11.468                             | D                | 46,919               | -                         | - | Applied Meteorological Research   |                            |  |                              |
| 11.468                             | I                | 56,711               | -                         | - | Applied Meteorological Research   |                            |  |                              |
| 11.472                             | I                | 7,473                | -                         | - | Unallied Science Program  | NA19NWS4680003             | National Oceanic and Atmospheric Administration          |                              |
| 11.472                             | I                | (119)                | -                         | - | Unallied Science Program  | IERP 62/F2162-04           | North Pacific Research Board                             |                              |
| 11.473                             | I                | 13,179               | -                         | - | Office for Coastal Management   | SA07432184 PO97462         | University Of Maryland - Ctes                            |                              |
| 11.473                             | I                | 262                  | -                         | - | Office for Coastal Management   | 22-0920                    | National Audubon Society, Inc                            |                              |
| 11.473                             | I                | 262                  | -                         | - | Office for Coastal Management   | NCOU A108605 1122023       | Nature Conservancy                                       |                              |
| 11.478                             | D                | 208,804              | 81,770                    | - | Center for Sponsored Coastal Ocean Research Coastal Ocean Program                               |                            |  |                              |
| 11.478                             | I                | 40,390               | -                         | - | Center for Sponsored Coastal Ocean Research Coastal Ocean Program                               | SUB00002941                | The Board of Regents of the University System of Georgia |                              |
| 11.482                             | I                | 28,462               | -                         | - | Coral Reef Conservation Program   | 441097/23-5105-A0001-SUB03 | Nova Southeastern University                             |                              |
| 11.609                             | D                | 704,536              | 223,199                   | - | Measurement and Engineering Research and Standards  |                            |  |                              |
| 11.609                             | I                | 97,461               | -                         | - | Measurement and Engineering Research and Standards  | G-99042-13                 | Colorado State University                                |                              |
| 11.619                             | D                | 2,120,021            | 700,298                   | - | Arrangements for Interdisciplinary Research Infrastructure                                      |                            |  |                              |
| 11.619                             | I                | 874,408              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | 22-B-0040 PO#981           | Afboa  |                              |
| 11.619                             | I                | 4,866                | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | NMBL1209 UDR0000358        | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 403,662              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | PAA ARP-04                 | NIIMBL   |                              |
| 11.619                             | I                | 206,384              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | PO# UDR0000028 PC4.1-116   | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 19,936               | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | SUBAWARD # 45781           | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 236,162              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | UDR0000035 ARP-6           | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 2,285                | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | UDR0000047 PC5.1-001       | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 182,209              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | UDR0000084 NMBL 1008       | NIIMBL - Univ Of Delaware                                |                              |
| 11.619                             | I                | 607,216              | -                         | - | Arrangements for Interdisciplinary Research Infrastructure                                      | UDR0000334                 | NIIMBL - Univ Of Delaware                                |                              |
| 11.620                             | D                | 154,661              | -                         | - | Science, Technology, Business and/or Education Outreach   |                            |  |                              |
| 11.RD                              | D                | (1,626)              | -                         | - | U. S. Department of Commerce  |                            |  | A17-0434-010                 |
| 11.RD                              | D                | 30,582               | -                         | - | U. S. Department of Commerce  |                            |  | A20-1006-001                 |
| 11.RD                              | D                | (7,635)              | -                         | - | U. S. Department of Commerce  |                            |  | A21-1366-001                 |
| 11.RD                              | D                | 581,741              | -                         | - | U. S. Department of Commerce  |                            |  | A21-1366-002                 |
| 11.RD                              | D                | 41,675               | -                         | - | U. S. Department of Commerce  |                            |  | A21-1366-003                 |
| 11.RD                              | D                | 117,531              | -                         | - | U. S. Department of Commerce  |                            |  | A21-1366-004                 |
| 11.RD                              | I                | 3,007                | -                         | - | U. S. Department of Commerce  |                            |  | A21-1366-004                 |
|                                    |                  | 20,847,847           | 5,151,562                 | - | Total - Research and Development - U. S. Department of Commerce                                 | OS00001122 / SPC-003041    | Univ Of Miami  | OS00001122 / SPC-003041      |
| <b>U. S. Department of Defense</b> |                  |                      |                           |   |   |                            |  |                              |
| 12.006                             | D                | 1,170,085            | 181,428                   | - | National Defense Education Program  |                            |  |                              |
| 12.300                             | D                | 7,215,654            | 628,301                   | - | Basic and Applied Scientific Research   |                            |  |                              |
| 12.300                             | I                | 12,248               | -                         | - | Basic and Applied Scientific Research   | 03841-NCSU                 | University Of Akron                                      |                              |
| 12.300                             | I                | 87,664               | -                         | - | Basic and Applied Scientific Research   | 04449-NCSU                 | University Of Akron                                      |                              |
| 12.300                             | I                | 54,516               | -                         | - | Basic and Applied Scientific Research   | 1141338-445302             | Carnegie Mellon University                               |                              |
| 12.300                             | I                | 228,314              | -                         | - | Basic and Applied Scientific Research   | 130417-5114575             | Harvard University                                       |                              |
| 12.300                             | I                | 164,765              | -                         | - | Basic and Applied Scientific Research   | 1559313 PO#1001384986      | Univ Of Colorado - Boulder                               |                              |
| 12.300                             | I                | (1,158)              | -                         | - | Basic and Applied Scientific Research   | 2020-018-01-UNC1           | IHMC Florida Institute of Human and Mach                 |                              |
| 12.300                             | I                | 56,490               | -                         | - | Basic and Applied Scientific Research   | 2206-202-2023940           | Clemson University                                       |                              |
| 12.300                             | I                | 31,089               | -                         | - | Basic and Applied Scientific Research   | 2975-20-0904               | IRflex Corporation                                       |                              |
| 12.300                             | I                | 82,738               | -                         | - | Basic and Applied Scientific Research   | 313-0855                   | Duke University  |                              |
| 12.300                             | I                | 108,361              | -                         | - | Basic and Applied Scientific Research   | 313-1091                   | Duke University  |                              |
| 12.300                             | I                | 19,204               | -                         | - | Basic and Applied Scientific Research   | 320004393-22-089           | University of Kentucky Research Foundation               |                              |
| 12.300                             | I                | 49,256               | -                         | - | Basic and Applied Scientific Research   | 503409-78050               | Northeastern University                                  |                              |
| 12.300                             | I                | 154,802              | -                         | - | Basic and Applied Scientific Research   | A20-0047-S004              | Rensselaer Polytechnic Institute (RPI)                   |                              |
| 12.300                             | I                | 67,505               | -                         | - | Basic and Applied Scientific Research   | A20-1301-S001              | University of Tennessee                                  |                              |
| 12.300                             | I                | 45,168               | -                         | - | Basic and Applied Scientific Research   | A21 0686 S001              | University of Tennessee                                  |                              |
| 12.300                             | I                | 30,722               | -                         | - | Basic and Applied Scientific Research   | ASUB00000772               | Arizona State Univ.                                      |                              |
| 12.300                             | I                | 210,492              | -                         | - | Basic and Applied Scientific Research   | KR 704625                  | University of California at San Diego                    |                              |
| 12.300                             | I                | 173,583              | -                         | - | Basic and Applied Scientific Research   | PO 4720008331              | University of California at San Diego                    |                              |
| 12.300                             | I                | 59,701               | -                         | - | Basic and Applied Scientific Research   | X20-801009-NCSU            | Nat'L Inst. Of Aerospace                                 |                              |
| 12.330                             | D                | 283,236              | -                         | - | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |                            |  |                              |
| 12.351                             | D                | 70,854               | 25,058                    | - | Scientific Research - Combating Weapons of Mass Destruction                                     |                            |  |                              |
| 12.351                             | I                | 55,749               | -                         | - | Scientific Research - Combating Weapons of Mass Destruction                                     | 60071490-GR115753          | Ohio State University                                    |                              |
| 12.351                             | I                | 176,015              | -                         | - | Scientific Research - Combating Weapons of Mass Destruction                                     | SA21-11                    | Pennsylvania State University                            |                              |
| 12.355                             | D                | 806,420              | 10,291                    | - | Pest Management and Vector Control Research   |                            |  |                              |
| 12.420                             | D                | 10,217,809           | 846,773                   | - | Military Medical Research and Development   |                            |  |                              |
| 12.420                             | I                | 79,589               | -                         | - | Military Medical Research and Development   | 0000002723 220726          | University of Texas Southwestern Medical                 |                              |
| 12.420                             | I                | 69,521               | -                         | - | Military Medical Research and Development   | 080-04000-X18601           | Thomas Jefferson University                              |                              |
| 12.420                             | I                | 79,386               | -                         | - | Military Medical Research and Development   | 237271                     | Massachusetts General Hospital                           |                              |
| 12.420                             | I                | 4,284                | -                         | - | Military Medical Research and Development   | 309-01                     | SUNY Buffalo Roswell Park Cancer Institute               |                              |
| 12.420                             | I                | 20,690               | -                         | - | Military Medical Research and Development   | 3130817                    | Duke University  |                              |
| 12.420                             | I                | 50,124               | -                         | - | Military Medical Research and Development   | 3150/ 855506               | Henry M Jackson Foundation                               |                              |
| 12.420                             | I                | 56,317               | -                         | - | Military Medical Research and Development   | 3200002668-19-039 780000   | University of Kentucky (UK)                              |                              |
| 12.420                             | I                | 8,199                | -                         | - | Military Medical Research and Development   | 60056923 UNC               | Northwestern University                                  |                              |
| 12.420                             | I                | 191                  | -                         | - | Military Medical Research and Development   | AWD00003102 (417252-       | University of Pittsburgh                                 |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--|--|------------------------------|
| 12.420      | I                | 10,808               | -                                | Military Medical Research and Development  | BPO# 0013583432  | Henry Ford Health System                   |                              |
| 12.420      | I                | 26,011               | -                                | Military Medical Research and Development  | CVRE-04  | Minnesota Veterans Medical Research and    |                              |
| 12.420      | I                | (2,355)              | -                                | Military Medical Research and Development  | FOCUS-CI: A Preventive Intervention With Children and Families of the Combat Injured | Henry M Jackson Foundation                 |                              |
| 12.420      | I                | 2,797                | -                                | Military Medical Research and Development  | PO P700000279  | Baylor University College of Medicine      |                              |
| 12.420      | I                | 276,065              | -                                | Military Medical Research and Development  | SUB00000106-UNC/WA0118039  | University of Massachusetts Medical School |                              |
| 12.420      | I                | 505                  | -                                | Military Medical Research and Development  | SUB00002485  | University of Georgia                      |                              |
| 12.420      | I                | (3,277)              | -                                | Military Medical Research and Development  | The Assessment of Military Multitasking Performance                                  | Allina Health System                       |                              |
| 12.420      | I                | 18,341               | -                                | Military Medical Research and Development  | VUMC108453   | Vanderbilt University Medical Center       |                              |
| 12.420      | I                | 49,991               | -                                | Military Medical Research and Development  | VUMC83140  | Vanderbilt University Medical Center       |                              |
| 12.420      | I                | 26,566               | (3,660)                          | Military Medical Research and Development  | Z3C00010 0011340322  | University of Kansas Medical Center        |                              |
| 12.431      | D                | 3,793,422            | 408,443                          | Basic Scientific Research  |  |  |                              |
| 12.431      | I                | 34,258               | -                                | Basic Scientific Research  | 0160 G UA560   | Univ Of California-Los Angeles             |                              |
| 12.431      | I                | 87,417               | -                                | Basic Scientific Research  | 2004717319   | Johns Hopkins University                   |                              |
| 12.431      | I                | 13,077               | -                                | Basic Scientific Research  | 2019-3029  | Aded LLC                                   |                              |
| 12.431      | I                | 22,836               | -                                | Basic Scientific Research  | 277-33092-10000115190  | Wake Forest University                     |                              |
| 12.431      | I                | 58,968               | -                                | Basic Scientific Research  | 303-000788   | US Department of the Army                  |                              |
| 12.431      | I                | 60,868               | -                                | Basic Scientific Research  | 450760-19071   | Virginia Polytech Inst.                    |                              |
| 12.431      | I                | 35,597               | -                                | Basic Scientific Research  | 743751-2   | College of William & Mary                  |                              |
| 12.431      | I                | 58,611               | -                                | Basic Scientific Research  | 92689116 /SCON-00001540  | Univ Of Southern Cal                       |                              |
| 12.431      | I                | 26,851               | -                                | Basic Scientific Research  | ADDENDUM NO. 1   | Univ Of South Florida                      |                              |
| 12.431      | I                | 28,091               | -                                | Basic Scientific Research  | SUB00003095  | Univ of Georgia                            |                              |
| 12.431      | I                | 56,149               | -                                | Basic Scientific Research  | UFDSP00012222-5/ PO0088902   | University of Florida                      |                              |
| 12.550      | I                | 53,083               | -                                | The Language Flagship Grants to Institutions of Higher Education                       | 0054-UNC-17-SSR-280-   | Institute of International Education, In   |                              |
| 12.550      | I                | 313,483              | -                                | The Language Flagship Grants to Institutions of Higher Education                       | BOR21-UNC-16-RUS-P01   | Institute of International Education, In   |                              |
| 12.550      | I                | 452                  | -                                | The Language Flagship Grants to Institutions of Higher Education                       | BOR21-UNC-16-RUS-P01   | Institute of International Education, In   |                              |
| 12.560      | I                | 26,910               | -                                | DOD, NDEP, DOTC-STEM Education Outreach Implementation                                 | 13000844-041   | Purdue University                          |                              |
| 12.560      | I                | 55                   | -                                | DOD, NDEP, DOTC-STEM Education Outreach Implementation                                 | NP012  | Ncase                                      |                              |
| 12.560      | I                | 28                   | -                                | DOD, NDEP, DOTC-STEM Education Outreach Implementation                                 | NP012A   | Ncase                                      |                              |
| 12.560      | I                | 1,238                | -                                | DOD, NDEP, DOTC-STEM Education Outreach Implementation                                 | NP012B   | Ncase                                      |                              |
| 12.610      | I                | 13,772               | -                                | Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies | NCOUA103118P1217314-1-202  | Nature Conservancy                         |                              |
| 12.630      | D                | 1,573,641            | 53,879                           | Basic, Applied, and Advanced Research in Science and Engineering                       |  |  |                              |
| 12.630      | I                | 2,507                | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | 191000.361536.01   | Mississippi State University               |                              |
| 12.630      | I                | 1,010                | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | 20-871-107 & 20-871-108  | National Science Teachers Association      |                              |
| 12.630      | I                | 102,317              | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | 204398-814   | Utah State University                      |                              |
| 12.630      | I                | 71,495               | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | 586938   | Trustees of the University of Pennsylvania |                              |
| 12.630      | I                | 50,368               | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | HQ072721P0023  | Technology Holding, LLC                    |                              |
| 12.630      | I                | 97,025               | -                                | Basic, Applied, and Advanced Research in Science and Engineering                       | SUB00002922  | Univ Of Florida                            |                              |
| 12.630      | I                | 296,555              | 250,692                          | Basic, Applied, and Advanced Research in Science and Engineering                       | W911SR-14-2-0001   | MSI Consortium                             |                              |
| 12.632      | I                | 74,479               | -                                | Legacy Resource Management Program   | 22-00397   | U.S. Endow For Forest & Comm.              |                              |
| 12.632      | I                | 38,185               | -                                | Legacy Resource Management Program   | E18-91   | U.S. Endow For Forest & Comm.              |                              |
| 12.740      | I                | 78,771               | -                                | Past Conflict Accounting   | 509  | University of Wisconsin Board of Regents   |                              |
| 12.740      | I                | 53,660               | -                                | Past Conflict Accounting   | 704541   | Regents of the University of California    |                              |
| 12.740      | I                | 288,415              | 97,713                           | Past Conflict Accounting   | SUBAWARD #5981/PO #1049332   | Henry M Jackson Foundation                 |                              |
| 12.740      | I                | 5,297                | -                                | Past Conflict Accounting   | SUBAWARD #6090/HJF AWARD #6554   | Henry M Jackson Foundation                 |                              |
| 12.750      | I                | 243,850              | -                                | Uniformed Services University Medical Research Projects                                | 383000540  | Duke University                            |                              |
| 12.750      | I                | 38,048               | -                                | Uniformed Services University Medical Research Projects                                | S-11021-14-01  | Geneva Foundation                          |                              |
| 12.800      | D                | 3,371,654            | 435,722                          | Air Force Defense Research Sciences Program  |  |  |                              |
| 12.800      | I                | 16,839               | -                                | Air Force Defense Research Sciences Program  | 23-AMSTC-203234-UNC_CHII   | Auburn University                          |                              |
| 12.800      | I                | 114,342              | -                                | Air Force Defense Research Sciences Program  | 6122-NCSU-AFOSR-0295   | Pennsylvania State Univ                    |                              |
| 12.800      | I                | 83,829               | -                                | Air Force Defense Research Sciences Program  | A21-0146-S001 (P0298340)   | Rensselaer Polytechnic Institute           |                              |
| 12.800      | I                | 323,077              | -                                | Air Force Defense Research Sciences Program  | AWD100348 (SUB00000078)  | Univ Of Chicago                            |                              |
| 12.800      | I                | 71,758               | -                                | Air Force Defense Research Sciences Program  | C-5067/FAM01-0000204611  | FAMU-FSU                                   |                              |
| 12.800      | I                | 22,705               | -                                | Air Force Defense Research Sciences Program  | E-PC01-A-03-0052-01  | Biomade                                    |                              |
| 12.800      | I                | 39,620               | -                                | Air Force Defense Research Sciences Program  | EPCA01-01-0087   | Biomade                                    |                              |
| 12.800      | I                | 34,389               | 14,360                           | Air Force Defense Research Sciences Program  | FA8650-21-2-5028   | Biomade                                    |                              |
| 12.800      | I                | 12,860               | -                                | Air Force Defense Research Sciences Program  | FA8651-23-2-0005   | Office Of Naval Research                   |                              |
| 12.800      | I                | 55,424               | -                                | Air Force Defense Research Sciences Program  | NB 18-21-31  | Nbmc / Semi                                |                              |
| 12.800      | I                | 31,346               | -                                | Air Force Defense Research Sciences Program  | NB18-21-28   | Nano-Bio Materials Consortium (NBMC)       |                              |
| 12.800      | I                | 227,754              | -                                | Air Force Defense Research Sciences Program  | SUB0000437   | Princeton University                       |                              |
| 12.800      | I                | 74,685               | -                                | Air Force Defense Research Sciences Program  | Subaward No: GR123212  | Ohio State University                      |                              |
| 12.900      | D                | 19,152               | -                                | Language Grant Program   |  |  |                              |
| 12.901      | D                | 63,813               | -                                | Mathematical Sciences Grants   |  |  |                              |
| 12.902      | D                | 583,200              | 146,165                          | Information Security Grants  |  |  |                              |
| 12.902      | I                | 59,421               | -                                | Information Security Grants  | Subaward No: FORD0059-30353  | Fordham University                         |                              |
| 12.903      | D                | 40,710               | -                                | GenCyber Grants Program  |  |  |                              |
| 12.905      | D                | 943,328              | 171,395                          | CyberSecurity Core Curriculum  |  |  |                              |
| 12.905      | I                | 298,066              | -                                | CyberSecurity Core Curriculum  | 13000952-034   | Purdue University                          |                              |
| 12.910      | D                | 6,831,178            | 3,945,464                        | Research and Technology Development  |  |  |                              |
| 12.910      | I                | 65,432               | -                                | Research and Technology Development  | 04702-UNC  | University of Akron                        |                              |
| 12.910      | I                | 638,242              | -                                | Research and Technology Development  | 11542SC  | University of California at San Francisco  |                              |
| 12.910      | I                | 95,931               | -                                | Research and Technology Development  | 1563538 PO# 1001794171   | Univ Of Colorado - Boulder                 |                              |
| 12.910      | I                | 54,867               | -                                | Research and Technology Development  | ASUB00000246   | Arizona State Univ.                        |                              |
| 12.910      | I                | 5,492                | -                                | Research and Technology Development  | D20T-24-0327   | Brimrose Technology Corp                   |                              |
| 12.910      | I                | (5,186)              | -                                | Research and Technology Development  | GG12339.169274   | Univ Of Virginia                           |                              |
| 12.910      | I                | 123,534              | -                                | Research and Technology Development  | SCON-00003179  | Univ Of Southern Cal                       |                              |
| 12.910      | I                | 253,087              | -                                | Research and Technology Development  | UWSC11456/BPO 43409  | University of Washington                   |                              |
| 12.RD       | D                | 7,174                | 4,720                            | U. S. Department of Defense  |  |  | 110309                       |
| 12.RD       | D                | 44,813               | 44,813                           | U. S. Department of Defense  |  |  | 2023-1316                    |
| 12.RD       | D                | 99,575               | -                                | U. S. Department of Defense  |  |  | 2023-2704                    |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title           | Pass-Through Entity Number | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|-----------------------------|----------------------------|---|------------------------------|
| 12.RD       | D                | 82,426               | 82,426                           | U. S. Department of Defense |                            |   | 208589 OS                    |
| 12.RD       | D                | 117,165              | 104,165                          | U. S. Department of Defense |                            |   | 22-069 CH CODE 1528-012      |
| 12.RD       | D                | 162,638              | 162,638                          | U. S. Department of Defense |                            |   | 2260815                      |
| 12.RD       | D                | 91,135               | 90,589                           | U. S. Department of Defense |                            |   | 25183004                     |
| 12.RD       | D                | 9,118                | 5,999                            | U. S. Department of Defense |                            |   | 38617.1                      |
| 12.RD       | D                | 26,000               | 26,000                           | U. S. Department of Defense |                            |   | 4000(184)2019-0907           |
| 12.RD       | D                | 65,102               | 52,102                           | U. S. Department of Defense |                            |   | 683JJ3195003                 |
| 12.RD       | D                | 68,314               | -                                | U. S. Department of Defense |                            |   | 68HEOB22P0086                |
| 12.RD       | D                | 112,472              | -                                | U. S. Department of Defense |                            |   | 68HEOB22P0248                |
| 12.RD       | D                | 22,607               | -                                | U. S. Department of Defense |                            |   | 68HERC22C0057                |
| 12.RD       | D                | 187,676              | -                                | U. S. Department of Defense |                            |   | 68HERH22P0107                |
| 12.RD       | D                | 6,261                | -                                | U. S. Department of Defense |                            |   | 693JJ319D00031               |
| 12.RD       | D                | 212,326              | 201,737                          | U. S. Department of Defense |                            |   | 69A3551747104                |
| 12.RD       | D                | 165,646              | 165,646                          | U. S. Department of Defense |                            |   | 7-312-0217117-66204L         |
| 12.RD       | D                | 38,019               | 25,019                           | U. S. Department of Defense |                            |   | 80NSSC22PA969                |
| 12.RD       | D                | 260,181              | -                                | U. S. Department of Defense |                            |   | 80NSSC22PB144                |
| 12.RD       | D                | 54,035               | 54,035                           | U. S. Department of Defense |                            |   | 89233218CNA000001            |
| 12.RD       | D                | (351)                | -                                | U. S. Department of Defense |                            |   | A14-0466-001                 |
| 12.RD       | D                | 330,762              | 208,331                          | U. S. Department of Defense |                            |   | A17-1205-001                 |
| 12.RD       | D                | 142,196              | -                                | U. S. Department of Defense |                            |   | A19-1624-001                 |
| 12.RD       | D                | 451,992              | 33,047                           | U. S. Department of Defense |                            |   | A20-0940-001                 |
| 12.RD       | D                | 74,308               | -                                | U. S. Department of Defense |                            |   | A20-1350-001                 |
| 12.RD       | D                | 31,198               | -                                | U. S. Department of Defense |                            |   | A22-0058-001                 |
| 12.RD       | D                | 34,396               | -                                | U. S. Department of Defense |                            |   | A22-1092-001                 |
| 12.RD       | D                | 248,823              | -                                | U. S. Department of Defense |                            |   | A22-1530-001                 |
| 12.RD       | D                | 750,909              | 12,065                           | U. S. Department of Defense |                            |   | A23-0445-001                 |
| 12.RD       | D                | 27,248               | -                                | U. S. Department of Defense |                            |   | A97EJ PO 5077174031          |
| 12.RD       | D                | 246,249              | 246,249                          | U. S. Department of Defense |                            |   | AMEND #45 / UFDSPO0011674    |
| 12.RD       | D                | 13,892               | 13,892                           | U. S. Department of Defense |                            |   | BOA NO 420000036             |
| 12.RD       | D                | 48,112               | -                                | U. S. Department of Defense |                            |   | C15-2B00-NCSU-202062-NCSU    |
| 12.RD       | D                | 110,623              | 97,623                           | U. S. Department of Defense |                            |   | C15-2B00-NCSU-302003-NCSU    |
| 12.RD       | D                | 151,258              | -                                | U. S. Department of Defense |                            |   | CW23583 PO 4000198008        |
| 12.RD       | D                | 57,825               | 57,825                           | U. S. Department of Defense |                            |   | DE-AC-02-06CH11357           |
| 12.RD       | D                | (6,329)              | -                                | U. S. Department of Defense |                            |   | DE-AC05-76RL01830            |
| 12.RD       | D                | 45,173               | 32,173                           | U. S. Department of Defense |                            |   | ECCS-2243079                 |
| 12.RD       | D                | 777,106              | -                                | U. S. Department of Defense |                            |   | H98230-19-D-0012/0003        |
| 12.RD       | D                | 2,620,928            | 1,110,163                        | U. S. Department of Defense |                            |   | H98230-19-D-0012/DO-0002     |
| 12.RD       | D                | 152,568              | 68,134                           | U. S. Department of Defense |                            |   | H98230-19-D-0012/DO-0004     |
| 12.RD       | D                | 138,134              | -                                | U. S. Department of Defense |                            |   | HDQMWR-22-D-0002             |
| 12.RD       | D                | 1,561                | -                                | U. S. Department of Defense |                            |   | HR 20-05(52-04)              |
| 12.RD       | D                | 22,055               | 14,510                           | U. S. Department of Defense |                            |   | HST-GO-15836.004-A           |
| 12.RD       | D                | 8,042                | 5,291                            | U. S. Department of Defense |                            |   | HST-GO-15826.006-A           |
| 12.RD       | D                | 26,709               | 17,572                           | U. S. Department of Defense |                            |   | HST-GO-16730.017-A           |
| 12.RD       | D                | 25,060               | 16,487                           | U. S. Department of Defense |                            |   | IMLS-RIN-023-NCSU            |
| 12.RD       | D                | 51,314               | -                                | U. S. Department of Defense |                            |   | IPA PAM-P21-000055           |
| 12.RD       | D                | 13,729               | -                                | U. S. Department of Defense |                            |   | IPA-PAM-P20-002931           |
| 12.RD       | D                | 51,834               | -                                | U. S. Department of Defense |                            |   | N3943021P2201                |
| 12.RD       | D                | 289,005              | 25,272                           | U. S. Department of Defense |                            |   | N6600122C4506                |
| 12.RD       | D                | 92,446               | 79,446                           | U. S. Department of Defense |                            |   | NNL09AA00A                   |
| 12.RD       | D                | 31,160               | 20,500                           | U. S. Department of Defense |                            |   | NNL09AA00A/80LARC17C0004     |
| 12.RD       | D                | 855,911              | -                                | U. S. Department of Defense |                            |   | NSF-DRL-1749275              |
| 12.RD       | D                | 44,235               | -                                | U. S. Department of Defense |                            |   | PAM-P23-002752               |
| 12.RD       | D                | 33,774               | -                                | U. S. Department of Defense |                            |   | RLS2-NCSU-266                |
| 12.RD       | D                | 77,277               | 76,431                           | U. S. Department of Defense |                            |   | S-0194-D00194.00083-NCSU     |
| 12.RD       | D                | 212,863              | 199,863                          | U. S. Department of Defense |                            |   | S-D00194.00387-NCSU          |
| 12.RD       | D                | 317,555              | -                                | U. S. Department of Defense |                            |   | S000633/TO-0685              |
| 12.RD       | D                | 671                  | 671                              | U. S. Department of Defense |                            |   | T3-0726-FY22                 |
| 12.RD       | D                | 122,020              | -                                | U. S. Department of Defense |                            |   | W911QY2120001                |
| 12.RD       | D                | 69,205               | -                                | U. S. Department of Defense |                            |   | W911QY21P0065                |
| 12.RD       | D                | 213,944              | 87,782                           | U. S. Department of Defense |                            |   | W912HQ21C0044                |
| 12.RD       | D                | 60,990               | -                                | U. S. Department of Defense |                            |   | W912HQ21P0005                |
| 12.RD       | D                | (2,691)              | -                                | U. S. Department of Defense |                            |   | W912HZ-17-2-0010             |
| 12.RD       | D                | 55,097               | -                                | U. S. Department of Defense |                            |   | W912HZ-20-2-0017             |
| 12.RD       | I                | 139,242              | -                                | U. S. Department of Defense | 0061688-3                  | Univ of Pittsburgh                              | 0061688-3                    |
| 12.RD       | I                | 153,846              | -                                | U. S. Department of Defense | 025705A                    | Iowa State University                           | P010267135 / TASK ORDER 1    |
| 12.RD       | I                | 153,665              | -                                | U. S. Department of Defense | 1-312-0218234-66654L       | Research Triangle Institute (RTI International) | A21-1753-001                 |
| 12.RD       | I                | (1,425)              | -                                | U. S. Department of Defense | 1-340-0216217-65155L       | Research Triangle Institute (RTI International) | A17-1749-001                 |
| 12.RD       | I                | 105,310              | -                                | U. S. Department of Defense | 1058                       | Joint Research And Development                  | SCN09846 / 10102             |
| 12.RD       | I                | 99,022               | -                                | U. S. Department of Defense | 145105-22374               | Cornell University                              | M2203056                     |
| 12.RD       | I                | 98,527               | -                                | U. S. Department of Defense | 1561995/ 1001699544        | University of Colorado at Boulder               | A22-1164-001                 |
| 12.RD       | I                | 126,561              | -                                | U. S. Department of Defense | 167-20210819               | Cardinal Engineering                            | 167-20210819                 |
| 12.RD       | I                | 88,677               | -                                | U. S. Department of Defense | 1904                       | Storagenergy Tech, Inc.                         | RELEASE 24 UNDER 145661      |
| 12.RD       | I                | 971,049              | 780,756                          | U. S. Department of Defense | 1909-005                   | Medical CBRN Defense Consortium (MCDCC)         | A20-0490-001                 |
| 12.RD       | I                | 66,911               | -                                | U. S. Department of Defense | 2017-SC003                 | Coherent Technical Serv, Inc.                   | 499690                       |
| 12.RD       | I                | 6,164                | -                                | U. S. Department of Defense | 2020-1236                  | Haley & Aldrich, Inc.                           | 147563                       |
| 12.RD       | I                | 92,926               | -                                | U. S. Department of Defense | 2021-0576                  | Adroit Materials, Inc.                          | 264247 RELEASE NO. 1         |
| 12.RD       | I                | 52,647               | -                                | U. S. Department of Defense | 2021-1739                  | Dermisense                                      | 264247 RELEASE NO. 2         |
| 12.RD       | I                | (7,694)              | -                                | U. S. Department of Defense | 2021-2132                  | Bear Fiber                                      | DE-AC52-07NA27344 NO B650123 |
| 12.RD       | I                | 9,734                | -                                | U. S. Department of Defense | 2021-2134                  | Ida Fiber Studio                                | B620596                      |
| 12.RD       | I                | (445)                | -                                | U. S. Department of Defense | 2021-2359                  | Espira, Inc                                     | 508854                       |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title           | Pass-Through Entity Number   | Pass-Through Entity Name                         | Additional Award Information        |
|-------------|------------------|----------------------|----------------------------------|-----------------------------|--|--|-------------------------------------|
| 12.RD       |                  | 56,118               | -                                | U. S. Department of Defense | 2021-3265  | Next Defense Solutions                           | 671726                              |
| 12.RD       |                  | 527,727              | -                                | U. S. Department of Defense | 2021-ARL-TRACA-PP-NCSU-00  | Civil-Military Innovation Inst                   | 2021-ARL-TRACA-PP-NCSU-00           |
| 12.RD       |                  | 48,457               | -                                | U. S. Department of Defense | 2021-ARL-TRACA-PP-NCSU-00  | Civil-Military Innovation Inst                   | RELEASE #4/BMA #264247              |
| 12.RD       |                  | 135,278              | -                                | U. S. Department of Defense | 2022-0601  | Archaius LLC                                     | 2022-0601                           |
| 12.RD       |                  | 46,523               | -                                | U. S. Department of Defense | 2022-1028  | Secmaton   | 2022-2489                           |
| 12.RD       |                  | 39,922               | -                                | U. S. Department of Defense | 2023-0204  | Bascom Hunter Technologies Inc                   | TP-PO-001490 / TASK B               |
| 12.RD       |                  | 24,278               | -                                | U. S. Department of Defense | 2023-0221  | Orgo, LLC  | SCN09846 / 10102                    |
| 12.RD       |                  | 708                  | -                                | U. S. Department of Defense | 2023-SC003   | Coherent Technical Serv, Inc                     | DE-AC05-00OR22725                   |
| 12.RD       |                  | 23                   | -                                | U. S. Department of Defense | 21-1035  | Nirsense LLC                                     | DE-NE0009054                        |
| 12.RD       |                  | 75,535               | -                                | U. S. Department of Defense | 21-3517  | Clearsens, Inc.                                  | A21-1358-001                        |
| 12.RD       |                  | 40,042               | -                                | U. S. Department of Defense | 2103257-10   | Stevens Institute Of Tech                        | N000428308                          |
| 12.RD       |                  | 16,093               | -                                | U. S. Department of Defense | 2469-1   | Intelligent Automation, Inc.                     | RELEASE # 26 UNDER 145661           |
| 12.RD       |                  | 60,467               | -                                | U. S. Department of Defense | 2575-1   | Intelligent Automation, Inc.                     | RELEASE # 33 BMC #145661            |
| 12.RD       |                  | 94,652               | -                                | U. S. Department of Defense | 2619-2   | Intelligent Automation, Inc.                     | 4000193112                          |
| 12.RD       |                  | 1,028                | -                                | U. S. Department of Defense | 2623-1   | Intelligent Automation, Inc.                     | 606823                              |
| 12.RD       |                  | 282,744              | -                                | U. S. Department of Defense | 3130816  | Duke University                                  | A18-1436-001                        |
| 12.RD       |                  | 52,926               | -                                | U. S. Department of Defense | 353-000274   | Duke University                                  | A22-1869-001                        |
| 12.RD       |                  | 5,834                | -                                | U. S. Department of Defense | 3953-1   | Maxentric Technologies, LLC                      | DE-EE0008806                        |
| 12.RD       |                  | 265,844              | -                                | U. S. Department of Defense | 4342-FPN-1   | Maxentric Technologies, LLC                      | W911NF21C0013                       |
| 12.RD       |                  | 9,937                | -                                | U. S. Department of Defense | 460006792  | Aerospace Corporation                            | DE-SC0021700                        |
| 12.RD       |                  | (10,123)             | -                                | U. S. Department of Defense | 501020   | Aptim  | CW9336 4000198565                   |
| 12.RD       |                  | (4,857)              | -                                | U. S. Department of Defense | 5019   | Water Research Foundation                        | 4000192789                          |
| 12.RD       |                  | 5,261                | -                                | U. S. Department of Defense | 510009186-1  | Bwx Technologies                                 | 2354748                             |
| 12.RD       |                  | 103,390              | -                                | U. S. Department of Defense | 510009546-0  | Bwx Technologies                                 | SCN09846 / 10102                    |
| 12.RD       |                  | 133,018              | -                                | U. S. Department of Defense | 5665/1013623/66062   | Henry M Jackson Foundation                       | A21-1396-001                        |
| 12.RD       |                  | 451,367              | -                                | U. S. Department of Defense | 61670  | Vanderbilt University                            | 508748                              |
| 12.RD       |                  | 57,647               | -                                | U. S. Department of Defense | 7100527354   | MIT Lincoln Laboratory                           | 2023-0745                           |
| 12.RD       |                  | 94,963               | -                                | U. S. Department of Defense | 9735-1 A10014  | International AIDS Vaccine Initiative            | A21-1743-001                        |
| 12.RD       |                  | 37,152               | -                                | U. S. Department of Defense | AWD-004396.GR100700  | Univ Of Virginia                                 | SCN09846 / 10102                    |
| 12.RD       |                  | 10,831               | -                                | U. S. Department of Defense | Credit Card Payment  | DOD-ARMY   | G-210265                            |
| 12.RD       |                  | 12,335               | -                                | U. S. Department of Defense | DHS-SRTMSI-2022-FacultyProposa   | Oak Ridge Institute for Science and Education    | G-281308                            |
| 12.RD       |                  | 42,042               | -                                | U. S. Department of Defense | DRC. 11223.03.RR001794.20 MOD 3  | Riverside Research                               | DRC. 11223.03.RR001794.20 MOD 3     |
| 12.RD       |                  | 49,202               | -                                | U. S. Department of Defense | DSC3130-02   | Macaulay-Brown, Inc.                             | B628785                             |
| 12.RD       |                  | 50,711               | -                                | U. S. Department of Defense | EXHIBIT 1C SOW 3   | Affoa  | PO #107832                          |
| 12.RD       |                  | 13,619               | -                                | U. S. Department of Defense | FA864920P1003  | Nahsai, LLC                                      | SCN09846 / 10102                    |
| 12.RD       |                  | 11,788               | -                                | U. S. Department of Defense | FA8650-19-C-5212   | Wichita State Univ                               | 212076-01                           |
| 12.RD       |                  | 6,011                | -                                | U. S. Department of Defense | FA8650-22-C-5029   | Nirsense LLC                                     | FA8650-22-C-5029                    |
| 12.RD       |                  | 5,231                | -                                | U. S. Department of Defense | FA8651-12-M-0181   | DOD DAF Air Force Research Laboratory (AFRL)     | G-210136                            |
| 12.RD       |                  | 22,327               | -                                | U. S. Department of Defense | GLAP   | United States Geospatial Intelligence Foundation | G58623 Geospatial Intelligence GLAP |
| 12.RD       |                  | (5,053)              | -                                | U. S. Department of Defense | GS-1201.008.NCSU.21.02   | Tda Research, Inc.                               | PO #4000192994 / CW9212             |
| 12.RD       |                  | 31,736               | -                                | U. S. Department of Defense | H98230-19-D-0012/DO-0002   | Lab For Analytic Sciences                        | H98230-19-D-0012/DO-0002            |
| 12.RD       |                  | 9,004                | -                                | U. S. Department of Defense | H98230-21-1-0026   | DOD National Security Agency (NSA)               | G-210242                            |
| 12.RD       |                  | 160,912              | 57,105                           | U. S. Department of Defense | H98230-21-1-0326   | DOD National Security Agency (NSA)               | G-210245                            |
| 12.RD       |                  | 59,977               | -                                | U. S. Department of Defense | H98230-22-1-0017   | DOD National Security Agency (NSA)               | G210262                             |
| 12.RD       |                  | 23,206               | -                                | U. S. Department of Defense | H98230-23-1-0008   | Department of Defense                            | G-210271                            |
| 12.RD       |                  | 34,305               | -                                | U. S. Department of Defense | HQ003419D003/HQ003421F0309   | Stevens Inst Of Tech                             | HQ003419D003/HQ003421F0309          |
| 12.RD       |                  | 39,738               | -                                | U. S. Department of Defense | HQ003419D003/HQ003421F0309   | Stevens Institute Of Tech                        | HQ003419D003/HQ003421F0309          |
| 12.RD       |                  | 8,077                | -                                | U. S. Department of Defense | HQ086023C7524  | Materials Res & Design, Inc.                     | CTR-PO-2022-04; TO #1               |
| 12.RD       |                  | 176,782              | -                                | U. S. Department of Defense | HR00112290095  | Cosmic Eats Inc.                                 | 1871780                             |
| 12.RD       |                  | 129,831              | -                                | U. S. Department of Defense | HR00112290104  | Univ Of Central Florida                          | SCN09846 / 10102                    |
| 12.RD       |                  | 35,917               | -                                | U. S. Department of Defense | HR001122C0128  | Zymeron  | 2022-0700                           |
| 12.RD       |                  | (2,157)              | -                                | U. S. Department of Defense | K002216-00-S01   | Kitware, Inc.                                    | 9F-60064                            |
| 12.RD       |                  | 6,379                | -                                | U. S. Department of Defense | KR2021S4P1_NCSU  | Kairos Research LLC                              | SCN09846 / 10102                    |
| 12.RD       |                  | 14,368               | -                                | U. S. Department of Defense | KSC-19-019   | Kord Technologies                                | B634847                             |
| 12.RD       |                  | 2,592                | -                                | U. S. Department of Defense | M2202897   | Ucah   | SCN09846 / 10102                    |
| 12.RD       |                  | 18,411               | 12,113                           | U. S. Department of Defense | M2202897/HQ00342190007   | Ucah   | M2202897/HQ00342190007              |
| 12.RD       |                  | 47,680               | -                                | U. S. Department of Defense | MARINE1  | Technology Holding, LLC                          | SCN09846 / 10102                    |
| 12.RD       |                  | 1,683                | -                                | U. S. Department of Defense | Machine Learned Guided Discovery of 3D Printed Elastomers                | Eccalon, LLC                                     | A23-1237-001                        |
| 12.RD       |                  | 70,963               | -                                | U. S. Department of Defense | N66001-21-C-4009   | Teledyne Flir                                    | SCN09846 / 10102                    |
| 12.RD       |                  | 109,614              | -                                | U. S. Department of Defense | N6600123C4007  | Johns Hopkins University                         | SCN09846 / 10102                    |
| 12.RD       |                  | 33,306               | -                                | U. S. Department of Defense | N68335-21-C-0785_NCSU  | Heppburn And Sons, LLC                           | 4000196635                          |
| 12.RD       |                  | 27,920               | -                                | U. S. Department of Defense | N68335-22-C-00546  | Heppburn And Sons, LLC                           | N68335-22-C-00546                   |
| 12.RD       |                  | 26,150               | -                                | U. S. Department of Defense | N68335-22-C-0276   | Corvid Technologies                              | DE-AC05-76RL01830                   |
| 12.RD       |                  | 54,991               | -                                | U. S. Department of Defense | N68335-22-C-0504   | Faraday Technology, Inc.                         | N68335-22-C-0504                    |
| 12.RD       |                  | 44,057               | -                                | U. S. Department of Defense | N68332C0837  | Perceptonics Solutions                           | 145661-34 RELEASE NO. 34            |
| 12.RD       |                  | 16,753               | -                                | U. S. Department of Defense | N68332C0579  | Bmit, Inc.                                       | MASTER #145661-RELEASE#19           |
| 12.RD       |                  | 7,921                | -                                | U. S. Department of Defense | N683323C0037   | Clearsens Inc.                                   | PO# 145612                          |
| 12.RD       |                  | 101,848              | -                                | U. S. Department of Defense | N68936-21-C-0024   | Tda Research, Inc.                               | RELEASE NO. 41/BMC 145661           |
| 12.RD       |                  | (30)                 | -                                | U. S. Department of Defense | NR-K164  | Florida Atlantic University                      | RELEASE # 29 BMC #145661            |
| 12.RD       |                  | 110,909              | -                                | U. S. Department of Defense | P. O. 1022200203   | NORTHROP GRUMMAN SYSTEMS CORPORATION             | G-281308                            |
| 12.RD       |                  | 91,494               | -                                | U. S. Department of Defense | P02735   | Iris Technology                                  | RELEASE NO. 39/145661               |
| 12.RD       |                  | 29,515               | -                                | U. S. Department of Defense | PO #107832   | Voxel Innovations, Inc.                          | FA864922P0559                       |
| 12.RD       |                  | 199,998              | -                                | U. S. Department of Defense | PO 00170885/4T126  | Teledyne Scientific & Imaging, LLC               | A22-1546-001                        |
| 12.RD       |                  | 688,048              | -                                | U. S. Department of Defense | PO00150493 / 4T126   | Teledyne Scientific & Imaging                    | 89233218CNA000001                   |
| 12.RD       |                  | 18,202               | -                                | U. S. Department of Defense | RELEASE NO. 2/ BMA 255742  | Nahsai, LLC                                      | FA864920P1003                       |
| 12.RD       |                  | 31,364               | -                                | U. S. Department of Defense | RI013906   | University of Dayton                             | A23-0159-001                        |
| 12.RD       |                  | 68,008               | -                                | U. S. Department of Defense | S-001460.00000.UNC   | Applied Research Associates, Inc.                | A12-0950-001                        |
| 12.RD       |                  | 87,916               | -                                | U. S. Department of Defense | S-004528-01-NCSU   | Applied Research Assoc. (Ara)                    | PO# 107832                          |
| 12.RD       |                  | 3,238                | -                                | U. S. Department of Defense | S000633  | Accenture  | 2022-0588                           |
| 12.RD       |                  | 27,348               | -                                | U. S. Department of Defense | SBIR: Large-area Hard X-ray Imager Based on Perovskite Nanocrystal Films | Perotech, Inc.                                   | A22-1233-001                        |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                             | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--|--|------------------------------|
| 12.RD       | I                | 98,956               | -                                | U. S. Department of Defense                                    | SBIR: Low-cost, High Efficiency, and Flexible Perovskite Solar Modules by Fast Blade Coating | Perotech, Inc.                                       | A22-1718-001                 |
| 12.RD       | I                | (61)                 | -                                | U. S. Department of Defense                                    | SCN09652   | Martin Defense Group, LLC                            | DE-AC05-76RL01830            |
| 12.RD       | I                | 25,091               | -                                | U. S. Department of Defense                                    | SCN09846 / 10102   | Dynovis, Inc.  | PAM-P22-000387               |
| 12.RD       | I                | 76,055               | -                                | U. S. Department of Defense                                    | SOW 1 (EXHIBIT IA)   | Affoa  | 8F-30076                     |
| 12.RD       | I                | 50,133               | -                                | U. S. Department of Defense                                    | SOW 2 (EXHIBIT 1B)   | Affoa  | 145661-14                    |
| 12.RD       | I                | 7,581                | 7,581                            | U. S. Department of Defense                                    | SOW 2 (EXHIBIT 1B)   | Affoa  | 4000193150                   |
| 12.RD       | I                | 134,917              | 100,900                          | U. S. Department of Defense                                    | SUB# D01-W911SR-14-2-001-0026  | MSRDC  | G-281000                     |
| 12.RD       | I                | 41,322               | -                                | U. S. Department of Defense                                    | SUBAWARD FOR N6833521C035  | Polypw, LLC  | RELEASE 35 UC 145661         |
| 12.RD       | I                | 278,471              | 235,247                          | U. S. Department of Defense                                    | Sub Agreement # M2201563   | University Consortium for Applied Hypersonics (UCAH) | G-281277                     |
| 12.RD       | I                | 471,513              | 433,131                          | U. S. Department of Defense                                    | Subagreement No: M2200273  | University Consortium for Applied Hypersonics (UCAH) | G-281230                     |
| 12.RD       | I                | 118,795              | -                                | U. S. Department of Defense                                    | Subaward No: GR125525  | Ohio State University                                | G-281264                     |
| 12.RD       | I                | 66,272               | -                                | U. S. Department of Defense                                    | Subaward No: SPC-100006528/GR  | Ohio State University                                | G-281299                     |
| 12.RD       | I                | 11,045               | -                                | U. S. Department of Defense                                    | Subaward No: SPC-100006920/GR1   | Ohio State University                                | G-281307                     |
| 12.RD       | I                | 115,944              | -                                | U. S. Department of Defense                                    | Subcontract NCAT 21-1-0460   | Clarkson Aerospace                                   | G-281240                     |
| 12.RD       | I                | 32,234               | -                                | U. S. Department of Defense                                    | Subcontract No.D9104-S1  | Georgia Tech Research Institute                      | G-281197                     |
| 12.RD       | I                | 169,345              | -                                | U. S. Department of Defense                                    | Subcontract No: SB2119-001-1   | Spectral Energies, LLC                               | G-281246                     |
| 12.RD       | I                | 34,957               | -                                | U. S. Department of Defense                                    | TS21-00-2402-001   | Taitech, Inc   | FA8650-21-F-2402             |
| 12.RD       | I                | 37,854               | -                                | U. S. Department of Defense                                    | UNC-22-S-003   | Woolpert, Inc.                                       | A22-1136-001                 |
| 12.RD       | I                | 3,648                | -                                | U. S. Department of Defense                                    | VADUM-19-SC-0003   | Vadum, Inc.  | 2022-3029                    |
| 12.RD       | I                | 3,245                | -                                | U. S. Department of Defense                                    | VADUM-19-SC-0003   | Vadum, Inc.  | 606395                       |
| 12.RD       | I                | 60,918               | -                                | U. S. Department of Defense                                    | VADUM-20-BEAGLE2S  | Vadum, Inc.  | 586990                       |
| 12.RD       | I                | 5,602                | -                                | U. S. Department of Defense                                    | VADUM-20-SCOUTER   | Vadum, Inc.  | RELEASE NO. 37/145661        |
| 12.RD       | I                | 52,578               | -                                | U. S. Department of Defense                                    | VADUM-21-MOCKINGBIRD_2   | Vadum, Inc.  | RELEASE NO. 1/ BMA 255742    |
| 12.RD       | I                | 133,520              | -                                | U. S. Department of Defense                                    | VADUM-22-SCOUTER   | Vadum, Inc.  | VADUM-22-SCOUTER             |
| 12.RD       | I                | 29,660               | 19,543                           | U. S. Department of Defense                                    | W15QKN-16-3-0001   | Affoa  | W15QKN-16-3-0001             |
| 12.RD       | I                | 28,155               | -                                | U. S. Department of Defense                                    | W51701-23-C-0006   | Oceanit Laboratories, Inc                            | CTR-PO-2022-04: TO #2        |
| 12.RD       | I                | 611                  | -                                | U. S. Department of Defense                                    | W5170122C0006  | Aegis Power Systems, Inc.                            | W5170122C0006                |
| 12.RD       | I                | 216                  | -                                | U. S. Department of Defense                                    | W911NF-22-P-0053   | Corvid Technologies                                  | W911NF-22-P-0053             |
| 12.RD       | I                | 16,098               | -                                | U. S. Department of Defense                                    | W911NF-22-S-0001   | Amd, Inc   | P010267139 / TASK ORDER 2    |
| 12.RD       | I                | 49,813               | -                                | U. S. Department of Defense                                    | W911NF22P0049  | Photocidic Protection, Inc.                          | W911NF22P0049                |
| 12.RD       | I                | 32,997               | -                                | U. S. Department of Defense                                    | W911QY-21-P-0077   | Luna Innovations, Inc                                | W911QY-21-P-0077             |
| 12.RD       | I                | 21,577               | -                                | U. S. Department of Defense                                    | W911QY2220005  | DOD-NAVY-ONR-OFFICE OF NAVAL RESEARCH                | G-210270                     |
| 12.RD       | I                | 130,412              | -                                | U. S. Department of Defense                                    | W912CG20C0008  | Adroit Materials, Inc.                               | #M2100680                    |
| 12.RD       | I                | 78,450               | -                                | U. S. Department of Defense                                    | W912HQ22C0041  | Univ Of Delaware                                     | W912HQ22C0041                |
| 12.RD       | I                | 51,434               | -                                | U. S. Department of Defense                                    | W9132T-20-C-0002   | Eaton Corp.  | W9132T-20-C-0002             |
| 12.RD       | I                | 1,315                | -                                | U. S. Department of Defense                                    | Z119/NC5U  | Zymeron  | RELEASE NO 38, NO. 145661    |
|             |                  | 65,714,202           | 12,301,616                       | Total - Research and Development - U. S. Department of Defense |  |  |                              |

**U. S. Central Intelligence Agency**

|       |   |         |   |  |                    |                                 |                 |
|-------|---|---------|---|--|--------------------|---------------------------------|-----------------|
| 13.RD | I | 105,810 | - | U. S. Central Intelligence Agency                                    | 202356/PO#P0057072 | Florida Institute of Technology | A18-1486-001    |
| 13.RD | I | 129,489 | - | U. S. Central Intelligence Agency                                    | S000633/TO-0685    | Accenture                       | S000633/TO-0685 |
|       |   | 235,299 | - | Total - Research and Development - U. S. Central Intelligence Agency |                    |                                 |                 |

**U. S. Department of Housing and Urban Development**

|        |   |         |        |  |           |  |  |
|--------|---|---------|--------|--|-----------|--|--|
| 14.506 | D | 163,691 | 36,739 | General Research and Technology Activity   |           |  |  |
| 14.506 | I | 67,072  | -      | General Research and Technology Activity   | H-21732CA | US Department of Housing and Urban Development |  |
| 14.901 | I | 7,082   | -      | Healthy Homes Demonstration Grants   | N/A       | Piedmont Triad Regional Council                |  |
| 14.906 | D | 199,391 | -      | Healthy Homes Technical Studies Grants   |           |  |  |
|        |   | 437,236 | 36,739 | Total - Research and Development - U. S. Department of Housing and Urban Development |           |  |  |

**U. S. Department of Interior**

|        |   |           |         |   |                |   |  |
|--------|---|-----------|---------|---|----------------|---|--|
| 15.224 | I | 30,360    | -       | Cultural and Paleontological Resources Management                   | SA0000776      | San Diego State University                |  |
| 15.232 | D | 31,819    | -       | Joint Fire Science Program  |                |   |  |
| 15.423 | D | 561,545   | 305,665 | Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES) |                |   |  |
| 15.560 | D | 32,173    | -       | SECURE Water Act – Research Agreements                              |                |   |  |
| 15.608 | D | 120       | -       | Fish and Wildlife Management Assistance                             |                |   |  |
| 15.628 | I | 30,594    | -       | Multistate Conservation Grant                                       | F22AP00937-00  | Georgia Wildlife Federation               |  |
| 15.630 | I | 16,606    | -       | Coastal   | SUB00003538    | University of Florida                     |  |
| 15.634 | I | 36,206    | -       | State Wildlife Grants   | 21253          | Florida Fish & Wildlife Conservation Comm |  |
| 15.650 | D | 13,275    | 4,148   | Research Grants (Generic)   |                |   |  |
| 15.654 | D | 173,061   | -       | National Wildlife Refuge System Enhancements                        |                |   |  |
| 15.657 | D | 46,471    | -       | Endangered Species Recovery Implementation                          |                |   |  |
| 15.662 | D | 28,684    | -       | Great Lakes Restoration   |                |   |  |
| 15.663 | I | 3,910     | -       | NFWF-USFWS Conservation Partnership                                 | 8020.16.054141 | Nat'L Fish & Wildlife Found.              |  |
| 15.664 | D | 61,394    | -       | Fish and Wildlife Coordination and Assistance                       |                |   |  |
| 15.678 | D | 73,661    | -       | Cooperative Ecosystem Studies Units                                 |                |   |  |
| 15.805 | D | 127,805   | 58,630  | Assistance to State Water Resources Research Institutes             |                |   |  |
| 15.805 | I | 46,425    | -       | Assistance to State Water Resources Research Institutes             | G-03652-01     | Colorado State university                 |  |
| 15.807 | D | 172,989   | -       | Earthquake Hazards Program Assistance                               |                |   |  |
| 15.808 | D | 367,976   | 78,542  | U.S. Geological Survey Research and Data Collection                 |                |   |  |
| 15.808 | I | 4,295     | -       | U.S. Geological Survey Research and Data Collection                 | H007905702     | Univ Of Minnesota                         |  |
| 15.810 | D | 104,569   | -       | National Cooperative Geologic Mapping                               |                |   |  |
| 15.812 | D | 828,450   | -       | Cooperative Research Units  |                |   |  |
| 15.820 | D | 2,014,478 | 511,655 | National and Regional Climate Adaptation Science Centers            |                |   |  |
| 15.820 | I | 8,404     | -       | National and Regional Climate Adaptation Science Centers            | PO-0000188890  | Louisiana State University                |  |
| 15.904 | D | 27,500    | -       | Historic Preservation Fund Grants-In-Aid                            |                |   |  |
| 15.926 | D | 3,749     | -       | American Battlefield Protection                                     |                |   |  |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                               | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                       | Additional Award Information |
|---|------------------|----------------------|----------------------------------|---|---|--|------------------------------|
| 15.945                                    | D                | 761,815              | 121,788                          | Cooperative Research and Training Programs – Resources of the National Park System                            |   |  |                              |
| 15.945                                    | I                | 2,607                | -                                | Cooperative Research and Training Programs – Resources of the National Park System                            | 1005065-ECU/ P362249  | Univ of Wyoming                                |                              |
| 15.RD                                     | I                | 27,898               | -                                | U. S. Department of Interior  | DSC21001  | Delta Stewardship Council                      | DSC21001                     |
|   |                  | <u>5,638,839</u>     | <u>1,080,428</u>                 | Total - Research and Development - U. S. Department of Interior   |   |  |                              |
| <b>U. S. Department of Justice</b>        |                  |                      |                                  |   |   |  |                              |
| 16.026                                    | D                | 174,396              | (389)                            | OVW Research and Evaluation Program   |   |  |                              |
| 16.045                                    | I                | 3,151                | -                                | Community-Based Violence Intervention and Prevention Initiative   | N/A   | GSO Police Department                          |                              |
| 16.320                                    | I                | (325)                | -                                | Services for Trafficking Victims  | Restore NYC Safehome Evaluation 2020  | Restore NYC                                    |                              |
| 16.560                                    | D                | 650,918              | 189,483                          | National Institute of Justice Research, Evaluation, and Development Project Grants                            |   |  |                              |
| 16.560                                    | I                | 12,070               | -                                | National Institute of Justice Research, Evaluation, and Development Project Grants                            | 548600001   | American Institutes for Research (AIR)         |                              |
| 16.560                                    | I                | 1,560                | -                                | National Institute of Justice Research, Evaluation, and Development Project Grants                            | 131506-G003990  | Washington State University                    |                              |
| 16.560                                    | I                | (8,719)              | -                                | National Institute of Justice Research, Evaluation, and Development Project Grants                            | 437   | Florida Int'L Univ.                            |                              |
| 16.585                                    | D                | 884,167              | -                                | Drug Court Discretionary Grant Program  |   |  |                              |
| 16.738                                    | I                | 17,279               | -                                | Edward Byrne Memorial Justice Assistance Grant Program  | 2020SPI   | City of Winston-Salem                          |                              |
| 16.745                                    | D                | 212,696              | -                                | Criminal and Juvenile Justice and Mental Health Collaboration Program   |   |  |                              |
| 16.745                                    | I                | 6,907                | -                                | Criminal and Juvenile Justice and Mental Health Collaboration Program   | 2317-205-2024648  | Clemson University                             |                              |
| 16.745                                    | I                | 10,745               | -                                | Criminal and Juvenile Justice and Mental Health Collaboration Program   |   | Durham County                                  |                              |
| 16.745                                    | I                | 24,916               | -                                | Criminal and Juvenile Justice and Mental Health Collaboration Program   | SHARP   | Pitt County                                    |                              |
| 16.812                                    | I                | 11,665               | -                                | Second Chance Act Reentry Initiative  | 2018-RFK-NRC-001  | Robert F. Kennedy Childrens Action Corps       |                              |
| 16.812                                    | I                | 37,056               | -                                | Second Chance Act Reentry Initiative  |   | Durham County                                  |                              |
| 16.827                                    | I                | 40,643               | -                                | Justice Reinvestment Initiative   | 4600051092/ FJD2600   | Arkansas Administration Office of the Co       |                              |
| 16.827                                    | I                | 87,597               | -                                | Justice Reinvestment Initiative   | OJDP FY 2020 Juvenile Justice System Enhancements   | Nebraska Administrative Office of the Co       |                              |
| 16.830                                    | D                | 10,288               | -                                | Girls in the Juvenile Justice System  |   |  |                              |
| 16.833                                    | I                | 1,313                | -                                | National Sexual Assault Kit Initiative  | PO#20006513-02  | Charlotte Mecklenburg Police Dept              |                              |
| 16.838                                    | I                | 73,481               | -                                | Comprehensive Opioid, Stimulant, and Substance Abuse Program  | 359000046   | Duke University                                |                              |
| 16.838                                    | I                | 47,043               | -                                | Comprehensive Opioid, Stimulant, and Substance Abuse Program  | SHARP   | Pitt County                                    |                              |
| 16.RD                                     | I                | (36,711)             | -                                | U.S. Department of Justice  | West Virginia Naloxone Administration Reporting System  | West Virginia Bureau for Public Health         | A19-0482-001                 |
|   |                  | <u>2,262,136</u>     | <u>189,094</u>                   | Total - Research and Development - U. S. Department of Justice  |   |  |                              |
| <b>U. S. Department of Labor</b>          |                  |                      |                                  |   |   |  |                              |
| 17.502                                    | D                | 176,230              | -                                | Occupational Safety and Health Susan Harwood Training Grants  |   |  |                              |
|   |                  | <u>176,230</u>       | -                                | Total - Research and Development - U. S. Department of Labor  |   |  |                              |
| <b>U. S. Department of State</b>          |                  |                      |                                  |   |   |  |                              |
| 19.015                                    | I                | 2,500                | -                                | Cultural, Technical and Educational Centers   | Small Grant Agreement March 2022  | The Hollings Center for International Dialogue |                              |
| 19.017                                    | D                | 45,417               | -                                | Environmental and Scientific Partnerships and Programs  |   |  |                              |
| 19.017                                    | I                | 7,561                | -                                | Environmental and Scientific Partnerships and Programs  | Subaward No: 1(GG015573)  | Columbia University                            |                              |
| 19.408                                    | D                | (196)                | -                                | Academic Exchange Programs - Teachers   |   |  |                              |
| 19.408                                    | I                | 183,634              | -                                | Academic Exchange Programs - Teachers   | FY22-FTEA-UNCG-01   | Int Research & Exchange Board                  |                              |
| 19.415                                    | D                | 971                  | -                                | Professional and Cultural Exchange Programs - Citizen Exchanges   |   |  |                              |
| 19.415                                    | I                | 1,486                | -                                | Professional and Cultural Exchange Programs - Citizen Exchanges   | 022-0012-0040-01  | Meridian International Center                  |                              |
| 19.415                                    | I                | 907                  | -                                | Professional and Cultural Exchange Programs - Citizen Exchanges   | A156-1  | Meridian International Center                  |                              |
| 19.415                                    | I                | 19,888               | -                                | Professional and Cultural Exchange Programs - Citizen Exchanges   | A187-1  | Meridian International Center                  |                              |
| 19.415                                    | I                | 20,187               | -                                | Professional and Cultural Exchange Programs - Citizen Exchanges   | A219-1  | Meridian International Center                  |                              |
| 19.501                                    | D                | 34,299               | -                                | Public Diplomacy Programs for Afghanistan and Pakistan  |   |  |                              |
| 19.900                                    | D                | 163,680              | -                                | AECCA/ESF PD Programs   |   |  |                              |
| 19.RD                                     | I                | 8,425                | -                                | U.S. Department of State  | Development and Training of Four Advanced Courses Comprising the Universal Treatment Curriculum. Phase 1 and 2. | The Colombo Plan Secretariat                   | A16-1605-001                 |
|   |                  | <u>488,759</u>       | -                                | Total - Research and Development - U. S. Department of State  |   |  |                              |
| <b>U. S. Department of Transportation</b> |                  |                      |                                  |   |   |  |                              |
| 20.109                                    | D                | 673,176              | -                                | Air Transportation Centers of Excellence  |   |  |                              |
| 20.200                                    | D                | 179,775              | 47,964                           | Highway Research and Development Program  |   |  |                              |
| 20.200                                    | I                | 24,285               | -                                | Highway Research and Development Program  | 019859WO1A  | Iowa State University                          |                              |
| 20.200                                    | I                | 25,802               | -                                | Highway Research and Development Program  | 019859WO2A  | Iowa State University                          |                              |
| 20.200                                    | I                | 13,800               | -                                | Highway Research and Development Program  | G199-23-W9652   | Montana State University                       |                              |
| 20.200                                    | I                | 24,946               | 9,557                            | Highway Research and Development Program  | HR 03-139   | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 36,861               | 17,538                           | Highway Research and Development Program  | HR 17-93 SUB0001359   | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 91,160               | 50,823                           | Highway Research and Development Program  | HR 17-95 SUB0001528   | National Academy of Sciences                   |                              |
| 20.200                                    | I                | (183)                | -                                | Highway Research and Development Program  | HR 22-47 - UNIT #905  | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 78,014               | -                                | Highway Research and Development Program  | M1902513  | Texas Transportation Institute                 |                              |
| 20.200                                    | I                | 147,865              | 72,800                           | Highway Research and Development Program  | SUB0001737 UNIT 905 HR-1  | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 104,977              | 31,715                           | Highway Research and Development Program  | SUB0001856 UNIT 905   | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 62,827               | 37,599                           | Highway Research and Development Program  | SUB0001866 UNIT 905   | National Academy of Sciences                   |                              |
| 20.200                                    | I                | 67,408               | 23,437                           | Highway Research and Development Program  | SUB0001884 UNIT 905   | National Academy of Sciences                   |                              |
| 20.205                                    | I                | 10,858               | -                                | Highway Planning and Construction   | 2019-5358   | City of Greensboro                             |                              |
| 20.215                                    | D                | 19,607               | -                                | Highway Training and Education  |   |  |                              |
| 20.505                                    | I                | 2,845                | -                                | Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research                     | 3006717902 SUBK00015265   | University of Michigan Board of Regents        |                              |
| 20.514                                    | I                | 215,018              | 140,488                          | Public Transportation Research, Technical Assistance, and Training  | TCRP B-46 / PO# SUB0  | National Academy of Sciences                   |                              |
| 20.614                                    | D                | 37,316               | -                                | National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements |   |  |                              |
| 20.614                                    | I                | 205,530              | 102,825                          | National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements | SUB0001537 BTS-10 912   | National Academy of Sciences                   |                              |
| 20.701                                    | D                | 4,930,304            | 2,111,988                        | University Transportation Centers Program   |   |  |                              |
| 20.701                                    | I                | 155,733              | -                                | University Transportation Centers Program   | 21-1100-5726-UNCC   | San Jose State University Research Foundation  |                              |
| 20.701                                    | I                | 260,157              | -                                | University Transportation Centers Program   | UFDSP00011676   | University of Florida                          |                              |
| 20.820                                    | D                | 68,507               | 7,562                            | Maritime Studies and Innovations  |   |  |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number                     | Pass-Through Entity Name                | Additional Award Information |
|--|------------------|----------------------|----------------------------------|--|--|---|------------------------------|
| 20.RD  | D                | 124,804              | -                                | U. S. Department of Transportation   |  |   | 693J321C000023               |
| 20.RD  | D                | 78,567               | -                                | U. S. Department of Transportation   |  |   | 693J621C000019               |
| 20.RD  | D                | 512,486              | 88,801                           | U. S. Department of Transportation   |  |   | 693JK320C000009              |
| 20.RD  | D                | (674)                | -                                | U. S. Department of Transportation   |  |   | A11-1251-001                 |
| 20.RD  | D                | 157,268              | -                                | U. S. Department of Transportation   |  |   | A18-0228-001                 |
| 20.RD  | D                | 124,081              | 7,086                            | U. S. Department of Transportation   |  |   | A18-0228-007                 |
| 20.RD  | D                | 128,552              | 20,612                           | U. S. Department of Transportation   |  |   | A18-0228-008                 |
| 20.RD  | D                | 43                   | -                                | U. S. Department of Transportation   |  |   | A20-0997-001                 |
| 20.RD  | I                | 83,212               | -                                | U. S. Department of Transportation   | 110309   | Virginia Trans. Res. Council            | 110309                       |
| 20.RD  | I                | 121,579              | -                                | U. S. Department of Transportation   | 125572   | Virginia Trans. Res. Council            | 125572                       |
| 20.RD  | I                | 25,384               | -                                | U. S. Department of Transportation   | 2021-DOT-10206                                 | 2M Research                             | A21-1193-001                 |
| 20.RD  | I                | 2,434                | -                                | U. S. Department of Transportation   | 2022-004                                       | Toxcel, LLC                             | 2022-004                     |
| 20.RD  | I                | 9,258                | -                                | U. S. Department of Transportation   | 2022-009                                       | Toxcel LLC                              | 2022-009                     |
| 20.RD  | I                | 8,622                | -                                | U. S. Department of Transportation   | 21-03-01                                       | Institute of Transportation Engineers   | A21-1416-001                 |
| 20.RD  | I                | 1                    | -                                | U. S. Department of Transportation   | 25183004                                       | Alaska Dot                              | 25183004                     |
| 20.RD  | I                | 142,958              | -                                | U. S. Department of Transportation   | 25203040                                       | Alaska Dot                              | 25203040                     |
| 20.RD  | I                | (3)                  | -                                | U. S. Department of Transportation   | 38049-01                                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A10-1687-001                 |
| 20.RD  | I                | (14,779)             | -                                | U. S. Department of Transportation   | 38049-01                                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A11-1457-001                 |
| 20.RD  | I                | 9,079                | -                                | U. S. Department of Transportation   | 38541-15                                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A16-1355-001                 |
| 20.RD  | I                | 28,167               | -                                | U. S. Department of Transportation   | 38617-23                                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A17-1457-001                 |
| 20.RD  | I                | 33                   | -                                | U. S. Department of Transportation   | 38617.1  | Vanasse Hangen Brustlin, Inc.           | 38617.1                      |
| 20.RD  | I                | (1,059)              | -                                | U. S. Department of Transportation   | 4000(184)2019-0907                             | Alaska Dot                              | 4000(184)2019-0907           |
| 20.RD  | I                | 28,653               | -                                | U. S. Department of Transportation   | 4500004657                                     | Boston University                       | A23-0832-001                 |
| 20.RD  | I                | 24                   | -                                | U. S. Department of Transportation   | 4562FHWA-UNC-1                                 | Cadmus Group                            | A18-0498-001                 |
| 20.RD  | I                | 67,047               | -                                | U. S. Department of Transportation   | 683JJ3195003                                   | National Academy Of Sciences            | 683JJ3195003                 |
| 20.RD  | I                | 735                  | -                                | U. S. Department of Transportation   | 693JJ319D00031                                 | Applied Research Assoc. (Ara)           | 693JJ319D00031               |
| 20.RD  | I                | 3,243                | -                                | U. S. Department of Transportation   | 693JJ319F000371                                | Cadmus Group                            | A20-0505-001                 |
| 20.RD  | I                | 101,042              | -                                | U. S. Department of Transportation   | 693JJ321F000044 39541.06                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A21-1669-001                 |
| 20.RD  | I                | 3,569                | -                                | U. S. Department of Transportation   | 693JJ321F000296/ 39541-19                      | Vanasse Hangen Brustlin, (VHB) Inc.     | A21-1669-002                 |
| 20.RD  | I                | 35,714               | -                                | U. S. Department of Transportation   | 693JJ321F000400                                | Cadmus Group                            | A22-0981-001                 |
| 20.RD  | I                | 10,890               | -                                | U. S. Department of Transportation   | 693JJ321F000421                                | Cadmus Group                            | A22-0750-001                 |
| 20.RD  | I                | 55,442               | -                                | U. S. Department of Transportation   | 693JJ322F00143N/ 395                           | Vanasse Hangen Brustlin, (VHB) Inc.     | A21-1669-005                 |
| 20.RD  | I                | 49,929               | -                                | U. S. Department of Transportation   | 693JJ322F00199N/39541-19                       | Vanasse Hangen Brustlin, (VHB) Inc.     | A21-1669-006                 |
| 20.RD  | I                | 5,797                | -                                | U. S. Department of Transportation   | 693JJ922F00172N                                | TransAnalytics                          | A23-0510-001                 |
| 20.RD  | I                | 61,003               | -                                | U. S. Department of Transportation   | 693JK422P600005                                | US Dept of Transportation               | G-270187                     |
| 20.RD  | I                | 237,456              | -                                | U. S. Department of Transportation   | 69A3551747104                                  | Univ Of Florida                         | 69A3551747104                |
| 20.RD  | I                | 13,948               | -                                | U. S. Department of Transportation   | AMEND #22 / UFDSP00011674                      | Univ Of Florida                         | AMEND #22 / UFDSP00011674    |
| 20.RD  | I                | 1,869                | -                                | U. S. Department of Transportation   | AMEND #29 / UFDSP00011674                      | Univ Of Florida                         | AMEND #29 / UFDSP00011674    |
| 20.RD  | I                | 13,273               | -                                | U. S. Department of Transportation   | AMEND #32 / UFDSP00011674                      | Univ Of Florida                         | AMEND #32 / UFDSP00011674    |
| 20.RD  | I                | 43,296               | -                                | U. S. Department of Transportation   | AMEND #45 / UFDSP00011674                      | Univ Of Florida                         | AMEND #45 / UFDSP00011674    |
| 20.RD  | I                | (1)                  | -                                | U. S. Department of Transportation   | DTFH6116D00040/38617.10                        | Vanasse Hangen Brustlin, Inc.           | DTFH6116D00040/38617.10      |
| 20.RD  | I                | (6,120)              | -                                | U. S. Department of Transportation   | DTNH22-09-D-00135                              | TransAnalytics                          | A10-1251-001                 |
| 20.RD  | I                | 20,889               | -                                | U. S. Department of Transportation   | HR 17-72                                       | National Academy of Sciences            | A15-1512-001                 |
| 20.RD  | I                | (532)                | -                                | U. S. Department of Transportation   | HR 20-05(52-04)                                | Oregon State Univ.                      | HR 20-05(52-04)              |
| 20.RD  | I                | (5,669)              | -                                | U. S. Department of Transportation   | HR 25-36                                       | National Academy of Sciences            | A11-1025-001                 |
| 20.RD  | I                | 47,692               | -                                | U. S. Department of Transportation   | Low Cost Pedestrian Safety Zones Demonstration | Dunlap and Associates, Inc.             | A20-0623-001                 |
| 20.RD  | I                | 110,467              | -                                | U. S. Department of Transportation   | S-0194-D00194.00083-NCSU                       | Applied Research Assoc. (Ara)           | S-0194-D00194.00083-NCSU     |
| 20.RD  | I                | (266,731)            | -                                | U. S. Department of Transportation   | S-769-D00099-00212-00-NCS                      | Applied Research Assoc. (Ara)           | S-769-D00099-00212-00-NCS    |
| 20.RD  | I                | 488,549              | -                                | U. S. Department of Transportation   | S-D00194.00387-NCSU                            | Applied Research Assoc. (Ara)           | S-D00194.00387-NCSU          |
| 20.RD  | I                | (8,481)              | -                                | U. S. Department of Transportation   | SUB0000104/HR1756                              | National Academy of Sciences            | A12-1512-001                 |
| 20.RD  | I                | (85)                 | -                                | U. S. Department of Transportation   | UFDSP00011674                                  | Univ Of Florida                         | UFDSP00011674                |
| 20.RD  | I                | 5,873                | -                                | U. S. Department of Transportation   | UFDSP00011674 (AMEND #12)                      | Univ Of Florida                         | UFDSP00011674 (AMEND #12)    |
|  |                  | <u>10,095,382</u>    | <u>2,770,795</u>                 | Total - Research and Development - U. S. Department of Transportation  |  |   |                              |
| <b>U. S. Department of Treasury</b>                        |                  |                      |                                  |  |  |   |                              |
| 21.015   | I                | 4,110                | -                                | Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States | MESC ALCOE KD HALANYCH                         | Dauphin Island Sea Lab                  |                              |
| 21.023   | I                | 60,459               | -                                | COVID-19 - Emergency Rental Assistance Program   | N/A  | Guilford County                         |                              |
|  |                  | <u>64,569</u>        | -                                | Total - Research and Development - U. S. Department of Treasury  |  |   |                              |
| <b>U. S. Library of Congress</b>                           |                  |                      |                                  |  |  |   |                              |
| 42.010   | D                | 56,958               | -                                | Teaching with Primary Sources  |  |   |                              |
| 42.RD  | D                | 5,181                | -                                | U. S. Library of Congress  |  |   | A11-1028-001                 |
|  |                  | <u>62,139</u>        | -                                | Total - Research and Development - U. S. Library of Congress   |  |   |                              |
| <b>U. S. National Aeronautics and Space Administration</b> |                  |                      |                                  |  |  |   |                              |
| 43.001   | D                | 2,446,766            | 368,864                          | Science  |  |   |                              |
| 43.001   | I                | 12,160               | -                                | Science  | 1561168 1001566410                             | University of Colorado at Boulder       |                              |
| 43.001   | I                | 10,785               | -                                | Science  | 1647038  | California Inst. Of Tech.               |                              |
| 43.001   | I                | 59,175               | -                                | Science  | 1669077  | Cal Tech/JPL                            |                              |
| 43.001   | I                | 11,418               | -                                | Science  | 1673035  | California Inst. Of Tech.               |                              |
| 43.001   | I                | 6,604                | -                                | Science  | 23-017319 B 00                                 | University of Massachusetts             |                              |
| 43.001   | I                | 17,792               | -                                | Science  | 3TB325   | South Dakota State Univ.                |                              |
| 43.001   | I                | 31,286               | -                                | Science  | 4500004123                                     | Boston University                       |                              |
| 43.001   | I                | 1,024                | -                                | Science  | 57314A P3391 7803 21                           | SDSU Foundation                         |                              |
| 43.001   | I                | 38,374               | -                                | Science  | 707011871T                                     | University of New Mexico at Albuquerque |                              |
| 43.001   | I                | 7,543                | -                                | Science  | 80NSSC19K0558, Subaward 0946                   | Rutgers University                      |                              |
| 43.001   | I                | 41,393               | -                                | Science  | 80NSSC22CA117                                  | Robocasting Enterprises                 |                              |
| 43.001   | I                | 11,446               | -                                | Science  | AWD-004384.GR101385                            | University of Virginia                  |                              |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                                 | Additional Award Information |
|---|------------------|----------------------|----------------------------------|--|--|--|------------------------------|
| 43.001  | I                | 1,086                | -                                | Science  | GOO-21052X   | Smithsonian Astrophys Observ                             |                              |
| 43.001  | I                | 630                  | -                                | Science  | GOO-21057B   | Smithsonian Astrophys Observ                             |                              |
| 43.001  | I                | 8,631                | -                                | Science  | GO1-22067A   | Smithsonian Astrophys Observ                             |                              |
| 43.001  | I                | 9,497                | -                                | Science  | GO1-22089B   | Harvard University Smithsonian Center                    |                              |
| 43.001  | I                | 14,703               | -                                | Science  | GO9-20067X   | Smithsonian Astrophys Observ                             |                              |
| 43.001  | I                | 47,812               | -                                | Science  | GR124828 / SPC-1000005430  | Ohio State Univ.   |                              |
| 43.001  | I                | 5,620                | -                                | Science  | HST-GO-16242.003-A   | Space Telescope Science Institute                        |                              |
| 43.001  | I                | 114,488              | -                                | Science  | HST-GO-16259.014-A   | Space Telescope Science Institute                        |                              |
| 43.001  | I                | 384                  | -                                | Science  | HST-GO-17121.003-A   | Space Telescope Science Institute                        |                              |
| 43.001  | I                | 13,712               | -                                | Science  | MA1712   | Univ of Hawaii   |                              |
| 43.001  | I                | 21,710               | -                                | Science  | PO-0000224856  | Louisiana State University                               |                              |
| 43.001  | I                | 25,771               | -                                | Science  | RC11455NCSU  | Michigan State University                                |                              |
| 43.001  | I                | 48,468               | -                                | Science  | RSA NO. 1661417  | Jet Propulsion Laboratory                                |                              |
| 43.001  | I                | 13,240               | -                                | Science  | S5047-PO453053   | Massachusetts Institute of Technology                    |                              |
| 43.001  | I                | 35,921               | -                                | Science  | UWSC13067  | University of Washington                                 |                              |
| 43.001  | I                | 54,253               | -                                | Science  | X03044470  | Rice University  |                              |
| 43.002  | D                | 2,035,790            | 1,257,329                        | Aeronautics  |  |  |                              |
| 43.002  | I                | (3,813)              | -                                | Aeronautics  | 17-3379 PO2000034205   | Univ Of South Carolina                                   |                              |
| 43.003  | D                | 152,482              | 17,676                           | Exploration  |  |  |                              |
| 43.007  | D                | 59,352               | -                                | Space Operations   |  |  |                              |
| 43.007  | I                | 121,362              | -                                | Space Operations   | UT21136 (PO# 31767)  | Ohio University  |                              |
| 43.008  | D                | 819,213              | 78,277                           | Office of Stem Engagement (OSTEM)  |  |  |                              |
| 43.008  | I                | 41,168               | -                                | Office of Stem Engagement (OSTEM)  | C15-2B00-NCSU-402002-NCSU  | Nat'L Inst. Of Aerospace                                 |                              |
| 43.008  | I                | 253,144              | -                                | Office of Stem Engagement (OSTEM)  | H008119101/CON 82164   | University of Minnesota Board of Regents                 |                              |
| 43.012  | D                | 227,893              | -                                | Space Technology   |  |  |                              |
| 43.RD   | D                | 157,688              | -                                | U. S. National Aeronautics and Space Administration                                    |  |  | 80LARC21CA003                |
| 43.RD   | D                | (6,310)              | -                                | U. S. National Aeronautics and Space Administration                                    |  |  | A11-0861-001                 |
| 43.RD   | D                | 56,922               | 29,503                           | U. S. National Aeronautics and Space Administration                                    |  |  | A18-1142-001                 |
| 43.RD   | D                | 133,181              | -                                | U. S. National Aeronautics and Space Administration                                    |  |  | A19-0743-001                 |
| 43.RD   | D                | 6,324                | -                                | U. S. National Aeronautics and Space Administration                                    |  |  | A21-0169-001                 |
| 43.RD   | D                | 1,630                | -                                | U. S. National Aeronautics and Space Administration                                    |  |  | NNL09AA00A                   |
| 43.RD   | I                | 17,709               | -                                | U. S. National Aeronautics and Space Administration                                    | 22-069 CH CODE 1528-012  | Corvid Technologies                                      | 22-069 CH CODE 1528-012      |
| 43.RD   | I                | 115,676              | -                                | U. S. National Aeronautics and Space Administration                                    | 80NSSC20P1055  | NASA Glenn Research Center                               | G-220071                     |
| 43.RD   | I                | 4,305                | -                                | U. S. National Aeronautics and Space Administration                                    | 80NSSC22PA969  | Bnnt, LLC  | 80NSSC22PA969                |
| 43.RD   | I                | 58,599               | -                                | U. S. National Aeronautics and Space Administration                                    | 80NSSC22PB144  | Paragon Space Development Corp                           | 80NSSC22PB144                |
| 43.RD   | I                | 64,849               | -                                | U. S. National Aeronautics and Space Administration                                    | C15-2B00-NCSU-202062-NCSU  | Nat'L Inst. Of Aerospace                                 | C15-2B00-NCSU-202062-NCSU    |
| 43.RD   | I                | 67,239               | -                                | U. S. National Aeronautics and Space Administration                                    | C15-2B00-NCSU-302003-NCSU  | Nat'L Inst. Of Aerospace                                 | C15-2B00-NCSU-302003-NCSU    |
| 43.RD   | I                | 82,760               | -                                | U. S. National Aeronautics and Space Administration                                    | C16-2B00-NCAT, ACTIVITY 3773-N   | Virginia Polytechnic Institute and State University      | G-281154                     |
| 43.RD   | I                | 1,951                | -                                | U. S. National Aeronautics and Space Administration                                    | HST-AR-16128.001-A   | Space Telescope Science Institute                        | A21-0777-001                 |
| 43.RD   | I                | (2,273)              | -                                | U. S. National Aeronautics and Space Administration                                    | HST-GO-15636.004-A   | Space Telescope Science Inst                             | HST-GO-15636.004-A           |
| 43.RD   | I                | 7,308                | -                                | U. S. National Aeronautics and Space Administration                                    | HST-GO-15826.006-A   | Space Telescope Science Inst                             | HST-GO-15826.006-A           |
| 43.RD   | I                | 11,365               | -                                | U. S. National Aeronautics and Space Administration                                    | HST-GO-16730.017-A   | Space Telescope Science Inst                             | HST-GO-16730.017-A           |
| 43.RD   | I                | (1,461)              | -                                | U. S. National Aeronautics and Space Administration                                    | Incorporating Space-borne Measurements to Improve Air Quality Decision Support Systems | University of Alabama in Huntsville                      | A11-1578-001                 |
| 43.RD   | I                | 8,513                | -                                | U. S. National Aeronautics and Space Administration                                    | JWST-GO-02498.003-A  | Space Telescope Science Institute                        | A21-1809-001                 |
| 43.RD   | I                | 26,597               | -                                | U. S. National Aeronautics and Space Administration                                    | NNL09AA00A/80LARC17C0004   | Nat'L Inst. Of Aerospace                                 | NNL09AA00A/80LARC17C0004     |
| 43.RD   | I                | 2,061                | -                                | U. S. National Aeronautics and Space Administration                                    | P.O.# 4600007045   | The Aerospace Corporation                                | G-281183                     |
| 43.RD   | I                | 24,624               | -                                | U. S. National Aeronautics and Space Administration                                    | PO # 4400000382  | The Aerospace Corporation                                | G-281309                     |
| 43.RD   | I                | 16,600               | -                                | U. S. National Aeronautics and Space Administration                                    | SMS0002267B  | Scientis, LLC  | A21-1790-001                 |
| 43.RD   | I                | 30,215               | -                                | U. S. National Aeronautics and Space Administration                                    | T3-0726-FY22   | Analytical Mechanics Assoc.                              | T3-0726-FY22                 |
|   |                  | 7,757,855            | 1,751,649                        | Total - Research and Development - U. S. National Aeronautics and Space Administration |  |  |                              |
| <b>U. S. National Foundation on the Arts and the Humanities</b> |                  |                      |                                  |  |  |  |                              |
| 45.024  | D                | 53,663               | -                                | Promotion of the Arts Grants to Organizations and Individuals                          |  |  |                              |
| 45.024  | I                | 24,969               | -                                | Promotion of the Arts Grants to Organizations and Individuals                          | 31259  | Arts Midwest   |                              |
| 45.024  | I                | 17,256               | -                                | Promotion of the Arts Grants to Organizations and Individuals                          | 31563  | Arts Midwest   |                              |
| 45.024  | I                | (13)                 | -                                | Promotion of the Arts Grants to Organizations and Individuals                          | 29590  | Arts Midwest   |                              |
| 45.024  | I                | 2,000                | -                                | Promotion of the Arts Grants to Organizations and Individuals                          | 6318   | South Arts Inc   |                              |
| 45.149  | D                | 6,723                | -                                | Promotion of the Humanities Division of Preservation and Access                        |  |  |                              |
| 45.149  | I                | 245,809              | -                                | Promotion of the Humanities Division of Preservation and Access                        | ECCS-2243079   | Nat'L Endow For The Humanities                           |                              |
| 45.160  | D                | (16,962)             | -                                | Promotion of the Humanities Fellowships and Stipends                                   |  |  |                              |
| 45.160  | I                | 74,967               | -                                | Promotion of the Humanities Fellowships and Stipends                                   | FEL 282529 22  | National Endowment for the Humanities                    |                              |
| 45.161  | D                | 30,398               | -                                | Promotion of the Humanities Research   |  |  |                              |
| 45.161  | I                | 22,870               | -                                | Promotion of the Humanities Research   | Award Accepted 03/11/2021  | Archaeological Institute of America                      |                              |
| 45.161  | I                | 32,815               | -                                | Promotion of the Humanities Research   | NEH-MMU2021-001  | Northern Michigan University                             |                              |
| 45.162  | D                | 61,358               | -                                | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development |  |  |                              |
| 45.164  | I                | 98,070               | -                                | Promotion of the Humanities Public Programs  | N/A  | Social Science Research Council                          |                              |
| 45.169  | D                | 54,648               | 32,396                           | Promotion of the Humanities Office of Digital Humanities                               |  |  |                              |
| 45.301  | D                | 36,673               | -                                | Museums for America  |  |  |                              |
| 45.310  | I                | 23,876               | -                                | Grants to States   | 13222  | State Library of Iowa                                    |                              |
| 45.312  | D                | 190,393              | 31,180                           | National Leadership Grants   |  |  |                              |
| 45.312  | I                | (1,215)              | -                                | National Leadership Grants   | 137263-02  | Harvard University                                       |                              |
| 45.312  | I                | 10,654               | -                                | National Leadership Grants   | 2020-11  | University of Oklahoma                                   |                              |
| 45.313  | D                | 176,265              | 29,214                           | Laura Bush 21st Century Librarian Program  |  |  |                              |
| 45.313  | I                | 21,059               | -                                | Laura Bush 21st Century Librarian Program  | GR106937(CON-80001836)   | Yale University  |                              |
| 45.313  | I                | 18,562               | -                                | Laura Bush 21st Century Librarian Program  | R1288891   | The Research Found for State University of New York SUNY |                              |
| 45.RD   | D                | 18,760               | -                                | U. S. Federal Council on the Arts and the Humanities                                   |  |  | A22-0166-001                 |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                              | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                          | Additional Award Information |
|--|------------------|----------------------|----------------------------------|---|--|---|------------------------------|
| 45.RD                                    | D                | 11,020               | -                                | U. S. Federal Council on the Arts and the Humanities  |  |   | A23-0015-001                 |
| 45.RD                                    | I                | 42                   | -                                | U. S. Federal Council on the Arts and the Humanities  | IMLS-RIN-023-NCSU  | Center For Plant Conservation                     | IMLS-RIN-023-NCSU            |
|  |                  | 1,214,650            | 92,790                           | Total - Research and Development - U. S. National Foundation on the Arts and the Humanities |  |   |                              |
| <b>U. S. National Science Foundation</b> |                  |                      |                                  |   |  |   |                              |
| 47.041                                   | D                | 24,691,460           | 4,018,746                        | Engineering   |  |   |                              |
| 47.041                                   | I                | 9,363                | -                                | Engineering   | 087442-16573   | University of Illinois Urbana-Champaign           |                              |
| 47.041                                   | I                | 8,774                | -                                | Engineering   | 100000719-080  | Purdue University                                 |                              |
| 47.041                                   | I                | 86,619               | -                                | Engineering   | 104750-Z3822202  | University of Maryland at College Park            |                              |
| 47.041                                   | I                | 17,160               | -                                | Engineering   | 1534779  | Ethaphase   |                              |
| 47.041                                   | I                | 70,729               | -                                | Engineering   | 1919233  | National Science Foundation                       |                              |
| 47.041                                   | I                | 2,093                | -                                | Engineering   | 2005756564   | Johns Hopkins University                          |                              |
| 47.041                                   | I                | 1,000                | -                                | Engineering   | 2021GC0632   | Univ Of Texas - Arlington                         |                              |
| 47.041                                   | I                | 3,951                | -                                | Engineering   | 2044721  | Tree-Co   |                              |
| 47.041                                   | I                | 62,729               | -                                | Engineering   | 21-0267  | Light and Charge Solutions LLC                    |                              |
| 47.041                                   | I                | 26,018               | -                                | Engineering   | 2975-2021-0096   | NeuroDyne, Inc.                                   |                              |
| 47.041                                   | I                | 248,869              | -                                | Engineering   | 333-000070   | Duke University                                   |                              |
| 47.041                                   | I                | 240,318              | -                                | Engineering   | 333-000071   | Duke University                                   |                              |
| 47.041                                   | I                | 3,629                | -                                | Engineering   | 417462/URFAO:GR5106330   | University of Rochester                           |                              |
| 47.041                                   | I                | 1,732                | -                                | Engineering   | 417463/URFAO: GR510865   | University of Rochester                           |                              |
| 47.041                                   | I                | 35,333               | -                                | Engineering   | 417464 / URFAO: GR106866   | University of Rochester                           |                              |
| 47.041                                   | I                | 12,711               | -                                | Engineering   | 417465 / URFAO: GR5106867  | University of Rochester                           |                              |
| 47.041                                   | I                | 39,708               | -                                | Engineering   | 417872 / URFAO: GR51146  | University of Rochester                           |                              |
| 47.041                                   | I                | 1,261                | -                                | Engineering   | 4500003732   | Boston University                                 |                              |
| 47.041                                   | I                | 43,809               | -                                | Engineering   | 4500004145   | Boston University                                 |                              |
| 47.041                                   | I                | 96,368               | -                                | Engineering   | 4500004561   | Boston University                                 |                              |
| 47.041                                   | I                | 69,644               | -                                | Engineering   | 51214  | University of Delaware                            |                              |
| 47.041                                   | I                | 58,939               | -                                | Engineering   | 62391; P22020171   | Vanderbilt University                             |                              |
| 47.041                                   | I                | 2,852                | -                                | Engineering   | 8233   | Indiana University                                |                              |
| 47.041                                   | I                | (8,422)              | -                                | Engineering   | 8794 - PO0280990   | Indiana University at Bloomington                 |                              |
| 47.041                                   | I                | 7,543                | -                                | Engineering   | AGT-21-00029   | Smart Girls HQ LLC                                |                              |
| 47.041                                   | I                | 98,493               | -                                | Engineering   | AGT-22-00270 - 2136728   | ArchAIC, LLC                                      |                              |
| 47.041                                   | I                | 79,407               | -                                | Engineering   | AWD-001459-G2  | Georgia Inst of Technology                        |                              |
| 47.041                                   | I                | 6,924                | -                                | Engineering   | GR110218 (CON-80002458)  | Yale University                                   |                              |
| 47.041                                   | I                | 47,049               | -                                | Engineering   | M2000937   | Texas A and M University                          |                              |
| 47.041                                   | I                | (3,999)              | -                                | Engineering   | SBIR: Self-assembling molecular brachytherapy for treatment of metastatic cancer | Oncurie, LLC                                      |                              |
| 47.041                                   | I                | 59,873               | -                                | Engineering   | SUB00000215/URFAO: GR532142  | University of Rochester                           |                              |
| 47.041                                   | I                | 11,500               | -                                | Engineering   | SUB00000225 / URFAO: GR531857  | University of Rochester                           |                              |
| 47.041                                   | I                | 2,483                | -                                | Engineering   | SUB00000228 / URFAO: GR531859  | University of Rochester                           |                              |
| 47.041                                   | I                | 98,976               | -                                | Engineering   | Subawardment No: 333-000072  | Duke University                                   |                              |
| 47.041                                   | I                | 13,146               | -                                | Engineering   | Subaward # FAR0035616  | North Dakota State University                     |                              |
| 47.041                                   | I                | 43,146               | -                                | Engineering   | Subaward No: 769-2093  | American Society for Engineering Education (ASEE) |                              |
| 47.041                                   | I                | 124,176              | -                                | Engineering   | Subaward No: AWD-001459-G1   | Georgia Institute of Technology-Library           |                              |
| 47.041                                   | I                | 46,199               | -                                | Engineering   | N/A  | Optera LLP  |                              |
| 47.049                                   | D                | 21,716,339           | 362,096                          | Mathematical and Physical Sciences  |  |   |                              |
| 47.049                                   | I                | 74,048               | -                                | Mathematical and Physical Sciences  | 0980 G YA650   | University of California at Los Angeles           |                              |
| 47.049                                   | I                | 160,671              | -                                | Mathematical and Physical Sciences  | 105668-Z3846202  | Univ Of Maryland, College Park                    |                              |
| 47.049                                   | I                | 17,147               | -                                | Mathematical and Physical Sciences  | 20-88001:HRD-1954532   | Benedict College                                  |                              |
| 47.049                                   | I                | 294,143              | -                                | Mathematical and Physical Sciences  | 333-2792   | Duke University                                   |                              |
| 47.049                                   | I                | 13,712               | -                                | Mathematical and Physical Sciences  | 337 - 0024   | Duke University                                   |                              |
| 47.049                                   | I                | (521)                | -                                | Mathematical and Physical Sciences  | 337-0023   | Duke University                                   |                              |
| 47.049                                   | I                | 221,376              | -                                | Mathematical and Physical Sciences  | 480504-19467   | Virginia Tech                                     |                              |
| 47.049                                   | I                | 10,655               | -                                | Mathematical and Physical Sciences  | PO-0000181599  | Louisiana State University                        |                              |
| 47.049                                   | I                | 8,393                | -                                | Mathematical and Physical Sciences  | RC104177NCSU   | Michigan State University                         |                              |
| 47.049                                   | I                | 94,236               | -                                | Mathematical and Physical Sciences  | SUB00000134/ UR FAO  | University of Rochester                           |                              |
| 47.049                                   | I                | 68,941               | -                                | Mathematical and Physical Sciences  | UT AUS-SUB00000042   | University of Texas at Austin                     |                              |
| 47.050                                   | D                | 11,125,812           | 781,735                          | Geosciences   |  |   |                              |
| 47.050                                   | I                | 90,137               | -                                | Geosciences   | 10010192-UNC06   | Bowling Green State University                    |                              |
| 47.050                                   | I                | 16,934               | -                                | Geosciences   | 151240000/ 5667360   | University of Connecticut                         |                              |
| 47.050                                   | I                | 12,758               | -                                | Geosciences   | 1849458-19-01  | Consortium of Universities for the Advan          |                              |
| 47.050                                   | I                | 36,196               | -                                | Geosciences   | 2012893-21-1   | Consortium of Universities for the Advan          |                              |
| 47.050                                   | I                | 587,139              | -                                | Geosciences   | 2021-14  | University Of Oklahoma                            |                              |
| 47.050                                   | I                | 9,357                | -                                | Geosciences   | 2104-1376-00-A PO000022900   | Univ of South Florida                             |                              |
| 47.050                                   | I                | (878)                | -                                | Geosciences   | 37169010   | University of Southern California (USC)           |                              |
| 47.050                                   | I                | 3,398                | -                                | Geosciences   | 84865000   | Woods Hole Oceanographic Institution              |                              |
| 47.050                                   | I                | 129,179              | -                                | Geosciences   | PO 5198936 AWD-002863-G4   | Georgia Institute of Technology                   |                              |
| 47.050                                   | I                | (2,467)              | -                                | Geosciences   | RENCI-1340233  | Arizona Geological Survey                         |                              |
| 47.050                                   | I                | 103,403              | -                                | Geosciences   | S1974A-B   | Oregon State University                           |                              |
| 47.050                                   | I                | 12,359               | -                                | Geosciences   | SUBK00010788/PO3005450823  | Univ Of Michigan                                  |                              |
| 47.050                                   | I                | (5)                  | -                                | Geosciences   | SUBK00010849/PO3005453409  | University of Michigan Ann Arbor                  |                              |
| 47.050                                   | I                | 8,391                | -                                | Geosciences   | Subaward No: SUB00002745   | University of Georgia                             |                              |
| 47.050                                   | I                | 5,267                | -                                | Geosciences   | UDR0000288   | Univ Of Delaware                                  |                              |
| 47.050                                   | I                | 26,431               | -                                | Geosciences   | UWSC13068; BPO 59214   | University of Washington                          |                              |
| 47.070                                   | D                | 26,107,782           | 4,968,724                        | Computer and Information Science and Engineering  |  |   |                              |
| 47.070                                   | I                | 374,360              | -                                | Computer and Information Science and Engineering  | 341  | Florida International University                  |                              |
| 47.070                                   | I                | 29,985               | -                                | Computer and Information Science and Engineering  | 078343-18615   | University of Illinois at Urbana-Champaign        |                              |
| 47.070                                   | I                | 23,509               | -                                | Computer and Information Science and Engineering  | 096085-17569   | University of Illinois Urbana-Champaign           |                              |
| 47.070                                   | I                | 90,751               | -                                | Computer and Information Science and Engineering  | 16226155   | Univ Of Central Florida                           |                              |
| 47.070                                   | I                | 70,500               | -                                | Computer and Information Science and Engineering  | 16226A20   | Univ Of Central Florida                           |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                                | Pass-Through Entity Number   | Pass-Through Entity Name                          | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|------------------------------|---|------------------------------|
| 47.070      | I                | 35,975               | -                                | Computer and Information Science and Engineering | 20-015757-B-00               | University of Massachusetts at Amherst            |                              |
| 47.070      | I                | 128,265              | -                                | Computer and Information Science and Engineering | 2021CII-UNORTHCAROLINA-55    | Computing Research Association (CRA)              |                              |
| 47.070      | I                | 121                  | -                                | Computer and Information Science and Engineering | 333-000029                   | Duke University                                   |                              |
| 47.070      | I                | 169,161              | -                                | Computer and Information Science and Engineering | 333-000060                   | Duke University                                   |                              |
| 47.070      | I                | (10)                 | -                                | Computer and Information Science and Engineering | 333-2786                     | Duke University                                   |                              |
| 47.070      | I                | 20,432               | -                                | Computer and Information Science and Engineering | 3TF121                       | South Dakota State University                     |                              |
| 47.070      | I                | 13,150               | -                                | Computer and Information Science and Engineering | 705671                       | Univ Of California - San Diego                    |                              |
| 47.070      | I                | 7,786                | -                                | Computer and Information Science and Engineering | 85964/2/156684               | State University of New York (SUNY)               |                              |
| 47.070      | I                | 7,595                | -                                | Computer and Information Science and Engineering | Agreement No. ULRF 18-1153   | University of Louisville Research Foundation, Inc |                              |
| 47.070      | I                | 1,503,443            | -                                | Computer and Information Science and Engineering | CNS-1939334                  | Pawr, LLC   |                              |
| 47.070      | I                | 250,798              | -                                | Computer and Information Science and Engineering | CNS-1939334                  | Pawr, LLC   |                              |
| 47.070      | I                | 14,931               | -                                | Computer and Information Science and Engineering | GR100254                     | Univ Of Central Florida                           |                              |
| 47.070      | I                | 225,205              | -                                | Computer and Information Science and Engineering | SCON-00002667                | University of Southern California (USC)           |                              |
| 47.070      | I                | 38,917               | -                                | Computer and Information Science and Engineering | SPC-100005796/GR125477       | Ohio State University                             |                              |
| 47.070      | I                | 15,407               | -                                | Computer and Information Science and Engineering | SUB00001775                  | Univ of Georgia                                   |                              |
| 47.070      | I                | 122,512              | -                                | Computer and Information Science and Engineering | Subaward No. 333-2827        | Duke University                                   |                              |
| 47.070      | I                | 65,992               | -                                | Computer and Information Science and Engineering | Task 5                       | Platforms for Advanced Wireless Research          |                              |
| 47.070      | I                | 10,667               | -                                | Computer and Information Science and Engineering | Task Order 4                 | Platforms for Advanced Wireless Research          |                              |
| 47.070      | I                | 13,080               | -                                | Computer and Information Science and Engineering | UT20888 (PO #333-31907-2-US) | Ohio University                                   |                              |
| 47.070      | I                | 46,453               | -                                | Computer and Information Science and Engineering | UTAS-SUB000000118            | Univ of Texas at Austin                           |                              |
| 47.074      | D                | 13,699,966           | 1,455,706                        | Biological Sciences                              |                              |   |                              |
| 47.074      | I                | 58,117               | -                                | Biological Sciences                              | 1544                         | Brown University                                  |                              |
| 47.074      | I                | 46,838               | -                                | Biological Sciences                              | 101519-18256                 | University of Illinois Urbana-Champaign           |                              |
| 47.074      | I                | 12,428               | -                                | Biological Sciences                              | 109662-19010                 | Univ Of Illinois- Urbana                          |                              |
| 47.074      | I                | 41,880               | -                                | Biological Sciences                              | 2019-012                     | Univ Of Puerto Rico-Rio Piedra                    |                              |
| 47.074      | I                | 22,444               | -                                | Biological Sciences                              | 2023-22                      | University of Oklahoma                            |                              |
| 47.074      | I                | 149,781              | -                                | Biological Sciences                              | 333-2720                     | Duke University                                   |                              |
| 47.074      | I                | 39,773               | -                                | Biological Sciences                              | 333-2729                     | Duke  |                              |
| 47.074      | I                | 108,552              | -                                | Biological Sciences                              | 99797-Z3239201               | University of Maryland                            |                              |
| 47.074      | I                | 125,275              | -                                | Biological Sciences                              | A17-0020-5001                | University of Alabama                             |                              |
| 47.074      | I                | 34,096               | -                                | Biological Sciences                              | AWD0003769 (012620-1)        | University of Pittsburgh                          |                              |
| 47.074      | I                | 11,619               | -                                | Biological Sciences                              | C00073522-2                  | University of Missouri at Columbia                |                              |
| 47.074      | I                | 98,433               | -                                | Biological Sciences                              | CCU 31-2999                  | Coastal Carolina University                       |                              |
| 47.074      | I                | 7,005                | -                                | Biological Sciences                              | FU10268                      | Furman Univ                                       |                              |
| 47.074      | I                | 133,631              | -                                | Biological Sciences                              | FY2021-085                   | University Of Kansas                              |                              |
| 47.074      | I                | 17,195               | -                                | Biological Sciences                              | GA11374 / PO #2107823        | University of Virginia                            |                              |
| 47.074      | I                | 30,568               | -                                | Biological Sciences                              | IOS-1444561                  | Nat'L Science Found                               |                              |
| 47.074      | I                | 123,142              | -                                | Biological Sciences                              | M2100812-28-518170-00003     | Texas A&M Univ.                                   |                              |
| 47.074      | I                | 119,326              | -                                | Biological Sciences                              | R1285                        | Dartmouth College                                 |                              |
| 47.074      | I                | 56,529               | -                                | Biological Sciences                              | R1286                        | Dartmouth College                                 |                              |
| 47.074      | I                | 154,450              | -                                | Biological Sciences                              | S5456 PO637616               | Massachusetts Institute of Technology (MIT)       |                              |
| 47.074      | I                | 9,204                | -                                | Biological Sciences                              | SPC-100004363/GR120366       | Ohio State Univ.                                  |                              |
| 47.074      | I                | 115,696              | -                                | Biological Sciences                              | SUB00003229                  | Univ Of Florida                                   |                              |
| 47.074      | I                | 10,358               | -                                | Biological Sciences                              | Subaward No: 2018-02         | Loyola University Maryland                        |                              |
| 47.074      | I                | 12,397               | -                                | Biological Sciences                              | Subaward No: A23-0152-S001   | University of Tennessee at Chattanooga            |                              |
| 47.074      | I                | 74,321               | -                                | Biological Sciences                              | UTA18-001150                 | Univ of Texas at Austin                           |                              |
| 47.075      | D                | 4,867,207            | 338,885                          | Social, Behavioral, and Economic Sciences        |                              |   |                              |
| 47.075      | I                | 3,131                | -                                | Social, Behavioral, and Economic Sciences        | 10002102-004                 | Purdue University                                 |                              |
| 47.075      | I                | 15,949               | -                                | Social, Behavioral, and Economic Sciences        | 1562834/PO#1001740532        | University of Colorado at Boulder                 |                              |
| 47.075      | I                | 93,994               | -                                | Social, Behavioral, and Economic Sciences        | 2021-2                       | American Bar Foundation                           |                              |
| 47.075      | I                | 19,115               | -                                | Social, Behavioral, and Economic Sciences        | 2230177                      | Univ of Kansas                                    |                              |
| 47.075      | I                | 7,628                | -                                | Social, Behavioral, and Economic Sciences        | 333-2368                     | Duke University                                   |                              |
| 47.075      | I                | 18,968               | -                                | Social, Behavioral, and Economic Sciences        | 333-2617                     | Duke University                                   |                              |
| 47.075      | I                | 467                  | -                                | Social, Behavioral, and Economic Sciences        | 579865                       | University of Pennsylvania                        |                              |
| 47.075      | I                | 8,540                | -                                | Social, Behavioral, and Economic Sciences        | A17-1027-S001                | University of Tennessee                           |                              |
| 47.075      | I                | 40,522               | -                                | Social, Behavioral, and Economic Sciences        | PG19-66297-02                | University Of Montana                             |                              |
| 47.075      | I                | 2,952                | -                                | Social, Behavioral, and Economic Sciences        | PO# 1001448171               | Univ Of Colorado - Denver                         |                              |
| 47.075      | I                | 7,328                | -                                | Social, Behavioral, and Economic Sciences        | S001459-NSF                  | Pennsylvania State University                     |                              |
| 47.075      | I                | 11,849               | -                                | Social, Behavioral, and Economic Sciences        | SP00015609-01                | Georgia State University                          |                              |
| 47.075      | I                | 21,174               | -                                | Social, Behavioral, and Economic Sciences        | SPC-100005560 GR125686       | Ohio State University                             |                              |
| 47.075      | I                | 11,139               | -                                | Social, Behavioral, and Economic Sciences        | SUB00002961                  | University of Georgia                             |                              |
| 47.075      | I                | 31,171               | -                                | Social, Behavioral, and Economic Sciences        | UDR0000284                   | University of Delaware                            |                              |
| 47.076      | D                | 34,656,481           | 3,074,807                        | Education and Human Resources                    |                              |   |                              |
| 47.076      | I                | 52,487               | -                                | Education and Human Resources                    | 000000927 - 012362           | University of Pittsburg                           |                              |
| 47.076      | I                | 4,813                | -                                | Education and Human Resources                    | 12159                        | University of Michigan                            |                              |
| 47.076      | I                | 7,407                | -                                | Education and Human Resources                    | 15485                        | University of Michigan                            |                              |
| 47.076      | I                | 12,840               | -                                | Education and Human Resources                    | 004128G3                     | Georgia Institute of Technology                   |                              |
| 47.076      | I                | 16,415               | -                                | Education and Human Resources                    | 12637                        | Education Development Center                      |                              |
| 47.076      | I                | 3,198                | -                                | Education and Human Resources                    | 14246026-01                  | Univ Of Central Florida                           |                              |
| 47.076      | I                | 36,046               | -                                | Education and Human Resources                    | 144458-21801                 | Cornell University                                |                              |
| 47.076      | I                | 33,843               | -                                | Education and Human Resources                    | 18-0072                      | University of Arizona                             |                              |
| 47.076      | I                | 5,550                | -                                | Education and Human Resources                    | 1922291                      | New York University                               |                              |
| 47.076      | I                | 112,720              | -                                | Education and Human Resources                    | 2009212-199 NCSU             | Horizon Research, Inc.                            |                              |
| 47.076      | I                | 41,801               | -                                | Education and Human Resources                    | 2019-001936                  | Univ Of Puerto Rico                               |                              |
| 47.076      | I                | 38,173               | -                                | Education and Human Resources                    | 2022GC0004                   | University of Texas at Arlington                  |                              |
| 47.076      | I                | 2,314                | -                                | Education and Human Resources                    | 2023-0210                    | Allen Institute                                   |                              |
| 47.076      | I                | 37,529               | -                                | Education and Human Resources                    | 2112532-UNCG                 | Georgia Research Alliance                         |                              |
| 47.076      | I                | 32,687               | -                                | Education and Human Resources                    | 2143-206-2013438             | Clemson University                                |                              |
| 47.076      | I                | 1,936                | -                                | Education and Human Resources                    | 2416-206-2015443             | Clemson University                                |                              |
| 47.076      | I                | 31,782               | -                                | Education and Human Resources                    | 25-0536-0057-006             | University of Nebraska Lincoln                    |                              |

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Schedule of Expenditures of Federal Awards (Detail)

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| Federal ALN                                 | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                            | Additional Award Information |
|---|------------------|----------------------|----------------------------------|---|--|---|------------------------------|
| 47.076                                      | I                | 111,193              | -                                | Education and Human Resources   | 339.20.01  | Concord Consortium                                  |                              |
| 47.076                                      | I                | 5,747                | -                                | Education and Human Resources   | 45000003628  | Boston University                                   |                              |
| 47.076                                      | I                | 6,960                | -                                | Education and Human Resources   | 703841   | Univ Of California - San Diego                      |                              |
| 47.076                                      | I                | 5,185                | -                                | Education and Human Resources   | 760-120000-669553  | Wake Forest Institute for Regenerative Medicine     |                              |
| 47.076                                      | I                | 21,984               | -                                | Education and Human Resources   | 828167-156   | Rutgers University                                  |                              |
| 47.076                                      | I                | 100,972              | -                                | Education and Human Resources   | 8795-UNC PO 0292538  | Trustees of Indiana University                      |                              |
| 47.076                                      | I                | 10,781               | -                                | Education and Human Resources   | 8915_UNC PO 0371529  | Trustees of Indiana University                      |                              |
| 47.076                                      | I                | 43,291               | -                                | Education and Human Resources   | A00-0096-S002  | Univ Of Alabama                                     |                              |
| 47.076                                      | I                | 142,842              | -                                | Education and Human Resources   | B001340095   | University of Massachusetts at Boston               |                              |
| 47.076                                      | I                | 62,214               | -                                | Education and Human Resources   | BB01216898   | Univ Of Cal - Berkeley                              |                              |
| 47.076                                      | I                | 26,699               | -                                | Education and Human Resources   | C2020-1  | Center for Occupational Research & Development, Inc |                              |
| 47.076                                      | I                | 69,290               | -                                | Education and Human Resources   | DGE-1842096  | Whatcom Community College                           |                              |
| 47.076                                      | I                | 31,952               | 31,952                           | Education and Human Resources   | DRL-1850024  | NaTL Science Found                                  |                              |
| 47.076                                      | I                | 51,349               | -                                | Education and Human Resources   | FY22-WORLD SMARTS-NCSU-01  | Irex  |                              |
| 47.076                                      | I                | 151,908              | -                                | Education and Human Resources   | G0104-Y4   | The Exploratorium                                   |                              |
| 47.076                                      | I                | 51,203               | -                                | Education and Human Resources   | GR08682  | University of Nevada at Las Vegas                   |                              |
| 47.076                                      | I                | 11,043               | -                                | Education and Human Resources   | GR15619  | University of Nevada at Las Vegas                   |                              |
| 47.076                                      | I                | 5,213                | -                                | Education and Human Resources   | LASER-TEC NCSU-2020  | Indian River State College                          |                              |
| 47.076                                      | I                | 16,065               | -                                | Education and Human Resources   | Subaward No: 1015-33173-100001   | Wake Forest University School of Medicine           |                              |
| 47.076                                      | I                | 13,706               | -                                | Education and Human Resources   | Subaward No: 140081 SPC004034  | Washington State University                         |                              |
| 47.076                                      | I                | 8,293                | -                                | Education and Human Resources   | Subaward No: S5210000049658  | University of Massachusetts at Lowell               |                              |
| 47.076                                      | I                | 12,178               | -                                | Education and Human Resources   | UNC-G 10114  | Western Michigan university                         |                              |
| 47.076                                      | I                | 95,025               | -                                | Education and Human Resources   | N/A  | Austin Community College                            |                              |
| 47.078                                      | D                | 373,084              | -                                | Polar Programs  |  |   |                              |
| 47.078                                      | I                | 48,336               | -                                | Polar Programs  | S2390A-A   | Oregon State University                             |                              |
| 47.078                                      | I                | 26,494               | -                                | Polar Programs  | S2417A-A   | Oregon State University                             |                              |
| 47.079                                      | D                | 1,073,301            | 439,356                          | Office of International Science and Engineering   |  |   |                              |
| 47.079                                      | I                | 7,164                | -                                | Office of International Science and Engineering   | 333-2781   | Duke University                                     |                              |
| 47.079                                      | I                | 5,789                | -                                | Office of International Science and Engineering   | OISE-20-66869-1  | CRDF Global   |                              |
| 47.079                                      | I                | 10,000               | -                                | Office of International Science and Engineering   | OISE-20-66884-1  | CRDF Global   |                              |
| 47.079                                      | I                | 224,380              | -                                | Office of International Science and Engineering   | UPI700296-UNC1   | University of South Dakota                          |                              |
| 47.079                                      | I                | 10,590               | -                                | Office of International Science and Engineering   | N/A  | Minerva Lithium                                     |                              |
| 47.080                                      | D                | (47,492)             | -                                | Office of Cyberinfrastructure   |  |   |                              |
| 47.082                                      | D                | (6,580)              | -                                | Trans-NSF Recovery Act Reasearch Support  |  |   |                              |
| 47.083                                      | D                | 2,145,407            | 268,801                          | Integrative Activities  |  |   |                              |
| 47.083                                      | I                | 168,797              | -                                | Integrative Activities  | 013204-002 (PHASE2)  | University Of Cincinnati                            |                              |
| 47.083                                      | I                | 75,014               | -                                | Integrative Activities  | 60057072UNCC   | Northwestern University                             |                              |
| 47.083                                      | I                | 24,511               | -                                | Integrative Activities  | S5529 PO 675262  | Massachusetts Institute of Technology (MIT)         |                              |
| 47.083                                      | I                | 2,905                | -                                | Integrative Activities  | Subaward No: MSU_NCAT_40614  | Morgan State University                             |                              |
| 47.083                                      | I                | 559,164              | -                                | Integrative Activities  | Subaward No: R125369/SPC-10000   | Ohio State University                               |                              |
| 47.083                                      | I                | 94,127               | -                                | Integrative Activities  | TUL-SCC-558686-21/22   | Tulane University                                   |                              |
| 47.083                                      | I                | 101,203              | -                                | Integrative Activities  | UDR0000290   | University of Delaware                              |                              |
| 47.084                                      | D                | 320,903              | -                                | NSF Technology, Innovation, and Partnerships  |  |   |                              |
| 47.084                                      | I                | 103,176              | -                                | NSF Technology, Innovation, and Partnerships  | NSF00143-01  | University of Maryland Baltimore County(UMBC)       |                              |
| 47.RD                                       | D                | (1,012)              | -                                | U. S. National Science Foundation   |  |   | 2020-2771-IPA-CARSON         |
| 47.RD                                       | D                | 70,696               | -                                | U. S. National Science Foundation   |  |   | A21-1041-002                 |
| 47.RD                                       | D                | 264,877              | -                                | U. S. National Science Foundation   |  |   | CMMI-2213573                 |
| 47.RD                                       | D                | 165,880              | -                                | U. S. National Science Foundation   |  |   | ECCS-2243079                 |
| 47.RD                                       | D                | 193,575              | -                                | U. S. National Science Foundation   |  |   | IPA PAM-P21-000055           |
| 47.RD                                       | I                | 4,000                | -                                | U. S. National Science Foundation   | #00000240/106  | VentureWell   | G-281313                     |
| 47.RD                                       | I                | (89)                 | -                                | U. S. National Science Foundation   | 1741818  | Saint Joseph's College                              | A18-1666-001                 |
| 47.RD                                       | I                | 138,396              | -                                | U. S. National Science Foundation   | 2023-2704  | Univ Of Virginia                                    | 2023-2704                    |
| 47.RD                                       | I                | 4,236                | -                                | U. S. National Science Foundation   | CHECK # 49155760   | University of Maryland                              | G-280957                     |
| 47.RD                                       | I                | 2,026                | -                                | U. S. National Science Foundation   | Grant #26255-22  | VentureWell   | G-281342                     |
| 47.RD                                       | I                | 1,074                | -                                | U. S. National Science Foundation   | LAURA SLIGAR Population dynamics of mitochondrial heteroplasmy in Drosophila                             | National Evolutionary Synthesis Center              | A16-0135-001                 |
| 47.RD                                       | I                | 8387                 | -                                | U. S. National Science Foundation   | NSF-DRL-1749275  | Am. Ed. Res. Assoc.                                 | NSF-DRL-1749275              |
| 47.RD                                       | I                | 61,837               | -                                | U. S. National Science Foundation   | POO19883   | Morgan State University                             | G-281193                     |
| 47.RD                                       | I                | 248,351              | -                                | U. S. National Science Foundation   | Subaward No: SPC-1000007374  | Ohio State University                               | G-281335                     |
| 47.RD                                       | I                | 85,635               | -                                | U. S. National Science Foundation   | Subcontract No.D9104-S1  | Georgia Tech Research Institute                     | G-281196                     |
| 47.RD                                       | I                | 1,545                | -                                | U. S. National Science Foundation   | Understanding the Genetic Diversity and Identification of Pathogenic Variants of Malaria in Pregnancy    | National Evolutionary Synthesis Center              | A16-0248-001                 |
| 47.RD                                       | I                | 2,676                | -                                | U. S. National Science Foundation   | YUXIANG LIU Parallel evolution of gene molecular mechanisms underlying evolution of hippocampal function | National Evolutionary Synthesis Center              | A16-0136-001                 |
|   |                  | 153,920,317          | 15,740,808                       | Total - Research and Development - U. S. National Science Foundation                                  |  |   |                              |
| <b>U. S. Small Business Administration</b>  |                  |                      |                                  |   |  |   |                              |
| 59.037                                      | I                | 411,356              | -                                | Small Business Development Centers  | AWD-IPF2022-0956   | Small Business and Technology Development Center    |                              |
| 59.037                                      | I                | 44,306               | -                                | Small Business Development Centers  | BPM 2021-3   | Small Business and Technology Development Center    |                              |
| 59.037                                      | I                | 845                  | -                                | Small Business Development Centers  | UNC-C 2021-4 (SBA)   | Small Business and Technology Development Center    |                              |
| 59.075                                      | D                | 238,624              | -                                | Shuttered Venue Operators Grant Program   |  |   |                              |
|   |                  | 695,131              | -                                | Total - Research and Development - U. S. Small Business Administration                                |  |   |                              |
| <b>U. S. Department of Veterans Affairs</b> |                  |                      |                                  |   |  |   |                              |
| 64.034                                      | D                | 129,733              | 38,946                           | VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces |  |   |                              |
| 64.054                                      | D                | 14,292               | -                                | Research and Development  |  |   |                              |
| 64.RD                                       | D                | 2,104                | -                                | U. S. Department of Veterans Affairs  |  |   | A12-0808-001                 |
| 64.RD                                       | D                | (870)                | -                                | U. S. Department of Veterans Affairs  |  |   | A14-0338-001                 |
| 64.RD                                       | D                | 6,127                | -                                | U. S. Department of Veterans Affairs  |  |   | A17-1561-003                 |
| 64.RD                                       | D                | 1,750                | -                                | U. S. Department of Veterans Affairs  |  |   | A17-1563-003                 |

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| Federal ALN                                  | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number                  | Pass-Through Entity Name                 | Additional Award Information |
|--|------------------|----------------------|----------------------------------|---|---|--|------------------------------|
| 64.RD  | D                | 4,053                | -                                | U. S. Department of Veterans Affairs  |   |  | A17-1722-003                 |
| 64.RD  | D                | 8,301                | -                                | U. S. Department of Veterans Affairs  |   |  | A21-1259-001                 |
| 64.RD  | D                | 253,932              | 44,562                           | U. S. Department of Veterans Affairs  |   |  | A21-1693-001                 |
| 64.RD  | D                | 156,888              | 34,755                           | U. S. Department of Veterans Affairs  |   |  | A21-1796-001                 |
| 64.RD  | D                | 324,971              | -                                | U. S. Department of Veterans Affairs  |   |  | A22-0371-001                 |
| 64.RD  | D                | 44,844               | -                                | U. S. Department of Veterans Affairs  |   |  | A22-0371-002                 |
| 64.RD  | D                | 4,172                | -                                | U. S. Department of Veterans Affairs  |   |  | A23-0246-001                 |
| 64.RD  | D                | 89,878               | -                                | U. S. Department of Veterans Affairs  |   |  | A23-0513-001                 |
|  |                  | <u>1,040,175</u>     | <u>118,263</u>                   | Total - Research and Development - U. S. Department of Veterans Affairs   |   |  |                              |
| <b>U. S. Environmental Protection Agency</b> |                  |                      |                                  |   |   |  |                              |
| 66.034                                       | I                | 1,514                | -                                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | 691   | Northeast States for Coordinated Air Use |                              |
| 66.034                                       | I                | 928                  | -                                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | FY2015-004                                  | Mid-Atlantic Regional Air Management Ass |                              |
| 66.034                                       | I                | 2,274                | -                                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | FY2023-004                                  | Mid-Atlantic Regional Air Management Ass |                              |
| 66.129                                       | I                | 13,511               | -                                | Southeast New England Coastal Watershed Restoration   | SNEP1-10                                    | University of Southern Maine             |                              |
| 66.203                                       | D                | 1,025,047            | 439,320                          | Environmental Finance Center Grants   |   |  |                              |
| 66.424                                       | D                | 387,453              | 251,515                          | Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act                         |   |  |                              |
| 66.424                                       | I                | 165,746              | -                                | Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act                         | 281131-871T                                 | University of New Mexico at Albuquerque  |                              |
| 66.436                                       | I                | 50,517               | -                                | Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act | 281132-871T                                 | University of New Mexico Board of Regent |                              |
| 66.446                                       | I                | 98,621               | -                                | Technical Assistance for Treatment Works (CWA 104(b)(8))  | 281154-871T                                 | University of New Mexico Board of Regent |                              |
| 66.456                                       | I                | 11,218               | -                                | National Estuary Program  | SUB00002917 / P0230622                      | Univ Of Florida                          |                              |
| 66.460                                       | I                | 2,658                | -                                | Nonpoint Source Implementation Grants   | 2020-03-24-001                              | Cape Fear River Watch                    |                              |
| 66.460                                       | I                | 5,648                | -                                | Nonpoint Source Implementation Grants   | 2020-1615                                   | Piedmont Conservation Coun.              |                              |
| 66.460                                       | I                | 1,330                | -                                | Nonpoint Source Implementation Grants   | 99465719                                    | Cape Fear River Watch                    |                              |
| 66.461                                       | D                | 21,980               | -                                | Regional Wetland Program Development Grants   |   |  |                              |
| 66.509                                       | D                | 1,648,314            | 414,863                          | Science To Achieve Results (STAR) Research Program  |   |  |                              |
| 66.509                                       | I                | (5,809)              | -                                | Science To Achieve Results (STAR) Research Program  | 06-S160606                                  | Texas A&M Agrilife Research              |                              |
| 66.509                                       | I                | 87,067               | -                                | Science To Achieve Results (STAR) Research Program  | 1004950-ECU P358164                         | Univ of Wyoming                          |                              |
| 66.509                                       | I                | (6,485)              | -                                | Science To Achieve Results (STAR) Research Program  | M2002831                                    | Texas A&M Univ.                          |                              |
| 66.509                                       | I                | 19,018               | -                                | Science To Achieve Results (STAR) Research Program  | M2203948                                    | Texas A and M University                 |                              |
| 66.509                                       | I                | 18,685               | -                                | Science To Achieve Results (STAR) Research Program  | M2300108                                    | Texas A&M Univ.                          |                              |
| 66.511                                       | D                | 1,262,495            | 89,303                           | Office of Research and Development Consolidated Research/Training/Fellowships   |   |  |                              |
| 66.511                                       | I                | 84,701               | 95,402                           | Office of Research and Development Consolidated Research/Training/Fellowships   | 401579-5801                                 | Colorado School Of Mines                 |                              |
| 66.511                                       | I                | 29,939               | -                                | Office of Research and Development Consolidated Research/Training/Fellowships   | 451533-19071                                | Virginia Polytech Inst                   |                              |
| 66.511                                       | I                | 107,191              | -                                | Office of Research and Development Consolidated Research/Training/Fellowships   | E0199A-A                                    | Oregon State Univ                        |                              |
| 66.511                                       | I                | 19,194               | -                                | Office of Research and Development Consolidated Research/Training/Fellowships   | E0199A-C                                    | Oregon State Univ.                       |                              |
| 66.516                                       | D                | 60,160               | -                                | P3 Award: National Student Design Competition for Sustainability  |   |  |                              |
| 66.608                                       | D                | 58,999               | -                                | Environmental Information Exchange Network Grant Program and Related Assistance   |   |  |                              |
| 66.708                                       | D                | 234,639              | 6,730                            | Pollution Prevention Grants Program   |   |  |                              |
| 66.717                                       | D                | 31,463               | -                                | Source Reduction Assistance   |   |  |                              |
| 66.951                                       | I                | (1,621)              | -                                | Environmental Education Grants  | 2018-2750                                   | Nc Found For Soil & Water                |                              |
| 66.RD  | D                | 2                    | -                                | U. S. Environmental Protection Agency   |   |  | 68HE0B21P0283                |
| 66.RD  | D                | 21,690               | -                                | U. S. Environmental Protection Agency   |   |  | 68HE0B22P0086                |
| 66.RD  | D                | 61,888               | -                                | U. S. Environmental Protection Agency   |   |  | 68HE0B22P0248                |
| 66.RD  | D                | 141,667              | -                                | U. S. Environmental Protection Agency   |   |  | 68HERC22C0057                |
| 66.RD  | D                | 12,629               | -                                | U. S. Environmental Protection Agency   |   |  | 68HERH22P0107                |
| 66.RD  | D                | 402                  | -                                | U. S. Environmental Protection Agency   |   |  | A16-1709-034                 |
| 66.RD  | D                | 579,298              | -                                | U. S. Environmental Protection Agency   |   |  | A16-1709-043                 |
| 66.RD  | D                | 299,666              | 95,086                           | U. S. Environmental Protection Agency   |   |  | A21-1056-006                 |
| 66.RD  | D                | 2,112,715            | 1,437,080                        | U. S. Environmental Protection Agency   |   |  | A21-1056-014                 |
| 66.RD  | D                | 46,659               | 31,090                           | U. S. Environmental Protection Agency   |   |  | A22-0476-001                 |
| 66.RD  | D                | 3,204                | -                                | U. S. Environmental Protection Agency   |   |  | A22-0476-002                 |
| 66.RD  | D                | 92,261               | 88,746                           | U. S. Environmental Protection Agency   |   |  | A22-0476-003                 |
| 66.RD  | D                | 37,067               | 33,145                           | U. S. Environmental Protection Agency   |   |  | A22-0476-004                 |
| 66.RD  | D                | 139,488              | 94,571                           | U. S. Environmental Protection Agency   |   |  | A22-0476-008                 |
| 66.RD  | D                | 207,793              | 187,090                          | U. S. Environmental Protection Agency   |   |  | A22-0476-012                 |
| 66.RD  | D                | 76,092               | 60,132                           | U. S. Environmental Protection Agency   |   |  | A22-0476-013                 |
| 66.RD  | D                | 5,770                | -                                | U. S. Environmental Protection Agency   |   |  | A22-0476-014                 |
| 66.RD  | D                | 48,262               | 38,828                           | U. S. Environmental Protection Agency   |   |  | A22-0476-016                 |
| 66.RD  | D                | 118,366              | 99,940                           | U. S. Environmental Protection Agency   |   |  | A22-0476-022                 |
| 66.RD  | D                | 21,566               | -                                | U. S. Environmental Protection Agency   |   |  | A22-0476-023                 |
| 66.RD  | D                | 3,684                | -                                | U. S. Environmental Protection Agency   |   |  | A22-0476-024                 |
| 66.RD  | D                | 19,498               | -                                | U. S. Environmental Protection Agency   |   |  | A23-0573-001                 |
| 66.RD  | I                | 2,243                | -                                | U. S. Environmental Protection Agency   | 2013.006.01                                 | Mid-Atlantic Regional Air Management Ass | A14-0555-001                 |
| 66.RD  | I                | 8,443                | -                                | U. S. Environmental Protection Agency   | 2023-1316                                   | Univ Of Connecticut                      | 2023-1316                    |
| 66.RD  | I                | 13,898               | -                                | U. S. Environmental Protection Agency   | 208589 OS                                   | Aptim                                    | 208589 OS                    |
| 66.RD  | I                | (4,962)              | -                                | U. S. Environmental Protection Agency   | 4930-RFA11-2/13-1-2                         | Health Effects Institute                 | A14-1369-001                 |
| 66.RD  | I                | 42,045               | -                                | U. S. Environmental Protection Agency   | 7-312-0217117-66204L                        | Rti International                        | 7-312-0217117-66204L         |
| 66.RD  | I                | 759                  | -                                | U. S. Environmental Protection Agency   | LADCO SIP Training                          | Lake Michigan Air Directors Consortium   | A15-1197-001                 |
| 66.RD  | I                | (752)                | -                                | U. S. Environmental Protection Agency   | Multicenter Ozone Study in Elderly Patients | Health Effects Institute                 | A12-1416-001                 |
| 66.RD  | I                | 12,115               | -                                | U. S. Environmental Protection Agency   | PO RI017290                                 | University of Dayton Research Institute  | A23-0591-001                 |
| 66.RD  | I                | 8,361                | -                                | U. S. Environmental Protection Agency   | PO RI021560                                 | University of Dayton                     | A23-0998-001                 |

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| Federal ALN                                | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                   | Additional Award Information |
|--|------------------|----------------------|----------------------------------|--|---|--|------------------------------|
| 66.RD                                      | I                | 6,710                | -                                | U. S. Environmental Protection Agency                                    | PO RI023749   | University of Dayton                       | A23-1206-001                 |
| 66.RD                                      | I                | 3,274                | -                                | U. S. Environmental Protection Agency                                    | SA-OAQPS-2021-05 TASK 1   | Tantus Technologies, Inc.                  | A22-0453-001                 |
|  |                  | <u>9,984</u>         | <u>3,462,841</u>                 | Total - Research and Development - U. S. Environmental Protection Agency |   |  |                              |
| <b>U. S. Nuclear Regulatory Commission</b> |                  |                      |                                  |  |   |  |                              |
| 77.008                                     | D                | 346,770              | 76,888                           | U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program    |   |  |                              |
|  |                  | <u>346,770</u>       | <u>76,888</u>                    | Total - Research and Development - U. S. Nuclear Regulatory Commission   |   |  |                              |
| <b>U. S. Department of Energy</b>          |                  |                      |                                  |  |   |  |                              |
| 81.008                                     | D                | 40,973               | -                                | Cybersecurity, Energy Security & Emergency Response (CESER)              |   |  |                              |
| 81.008                                     | I                | 18,487               | -                                | Cybersecurity, Energy Security & Emergency Response (CESER)              | 000673 PO#254564  | Florida Int'L Univ.                        |                              |
| 81.049                                     | D                | 14,257,754           | 2,636,404                        | Office of Science Financial Assistance Program                           |   |  |                              |
| 81.049                                     | I                | 102,013              | -                                | Office of Science Financial Assistance Program                           | 106038-18678  | Univ Of Illinois- Urbana                   |                              |
| 81.049                                     | I                | 32,506               | -                                | Office of Science Financial Assistance Program                           | 14000600-013  | Purdue University                          |                              |
| 81.049                                     | I                | 3,876                | -                                | Office of Science Financial Assistance Program                           | 1555891 PO#1000911947   | Univ Of Colorado - Boulder                 |                              |
| 81.049                                     | I                | 49,836               | -                                | Office of Science Financial Assistance Program                           | 2020-19973  | Radiabeam Technologies, LLC                |                              |
| 81.049                                     | I                | 9,663                | -                                | Office of Science Financial Assistance Program                           | 2021-1110   | Calabazas Creek Research, Inc.             |                              |
| 81.049                                     | I                | 8,650                | -                                | Office of Science Financial Assistance Program                           | 2022-0723   | Pancopia, Inc.                             |                              |
| 81.049                                     | I                | 81,171               | -                                | Office of Science Financial Assistance Program                           | 2022-2140   | Catalytic And Redox Solutions              |                              |
| 81.049                                     | I                | 20,779               | -                                | Office of Science Financial Assistance Program                           | 2023-1574   | Eagle Harbor Technologies                  |                              |
| 81.049                                     | I                | 42,483               | -                                | Office of Science Financial Assistance Program                           | 23-017252 B 00  | Univ Of Massachusetts                      |                              |
| 81.049                                     | I                | 14                   | -                                | Office of Science Financial Assistance Program                           | 25-1215-0123-010  | University of Nebraska at Lincoln          |                              |
| 81.049                                     | I                | 29,472               | -                                | Office of Science Financial Assistance Program                           | 47018   | Advanced Cooling Technologies              |                              |
| 81.049                                     | I                | 68,639               | -                                | Office of Science Financial Assistance Program                           | 520001  | Triad National Security, LLC               |                              |
| 81.049                                     | I                | 167,241              | -                                | Office of Science Financial Assistance Program                           | 5951-NCSU-DOE-1090  | Pennsylvania State Univ                    |                              |
| 81.049                                     | I                | 90,901               | -                                | Office of Science Financial Assistance Program                           | 6021-NCSU-DOE-1090  | Pennsylvania State Univ                    |                              |
| 81.049                                     | I                | 41,515               | -                                | Office of Science Financial Assistance Program                           | AWD00006609 (419621-1)  | University Of Pittsburgh                   |                              |
| 81.049                                     | I                | 12,528               | -                                | Office of Science Financial Assistance Program                           | AWD773336-GR205924  | Georgetown Univ.                           |                              |
| 81.049                                     | I                | 118,280              | -                                | Office of Science Financial Assistance Program                           | DE-SC0019929  | Catalytic And Redox Solutions              |                              |
| 81.049                                     | I                | 37,105               | -                                | Office of Science Financial Assistance Program                           | DE-SC0021866  | Wbglabsemi, Inc.                           |                              |
| 81.049                                     | I                | 16,700               | -                                | Office of Science Financial Assistance Program                           | ECU SBIR IP AGREEMENT   | Oscilla Power Inc                          |                              |
| 81.049                                     | I                | 65,077               | -                                | Office of Science Financial Assistance Program                           | ISL-NCSU-3136-022122  | Innosense, LLC                             |                              |
| 81.049                                     | I                | 18,863               | -                                | Office of Science Financial Assistance Program                           | ISL-NCSU-3140-041322  | Innosense, LLC                             |                              |
| 81.049                                     | I                | 3,544                | -                                | Office of Science Financial Assistance Program                           | ISL-NCSU-3145-041823  | Innosense, LLC                             |                              |
| 81.049                                     | I                | 26,258               | -                                | Office of Science Financial Assistance Program                           | OSP33519-02 WAO1029   | University of Massachusetts Medical School |                              |
| 81.049                                     | I                | 60,133               | -                                | Office of Science Financial Assistance Program                           | RC104899 - NCSU   | Michigan State University                  |                              |
| 81.049                                     | I                | 483,173              | -                                | Office of Science Financial Assistance Program                           | RC107830  | Michigan State University                  |                              |
| 81.049                                     | I                | 30,323               | -                                | Office of Science Financial Assistance Program                           | S230350   | Princeton Plasma Physics Labor             |                              |
| 81.049                                     | I                | 7,589                | -                                | Office of Science Financial Assistance Program                           | S5832 / PO# 818882  | Mass. Inst. Of Tech.                       |                              |
| 81.049                                     | I                | 97,484               | -                                | Office of Science Financial Assistance Program                           | SC-40-01753-401040-46   | Faraday Technology, Inc.                   |                              |
| 81.049                                     | I                | 241,743              | -                                | Office of Science Financial Assistance Program                           | SCON-0002818  | University of Southern California (USC)    |                              |
| 81.049                                     | I                | 307,663              | -                                | Office of Science Financial Assistance Program                           | STTR: LITE-SM: Light Sheet Illuminator Compatible with Super Resolution and Single Molecule Imaging | Mizar Imaging, LLC                         |                              |
| 81.049                                     | I                | 72,246               | -                                | Office of Science Financial Assistance Program                           | STTR: Light Disc Microscopy   | Mizar Imaging, LLC                         |                              |
| 81.049                                     | I                | 51,030               | -                                | Office of Science Financial Assistance Program                           | SUB-2023-10198  | Alliance For Sustainable Energy            |                              |
| 81.049                                     | I                | 164,480              | -                                | Office of Science Financial Assistance Program                           | SUB00001810   | Univ Of Georgia Res Fdn                    |                              |
| 81.049                                     | I                | 105,251              | -                                | Office of Science Financial Assistance Program                           | SUB00002706   | Univ Of Georgia                            |                              |
| 81.049                                     | I                | 111,917              | -                                | Office of Science Financial Assistance Program                           | SUB0000292  | Princeton University                       |                              |
| 81.049                                     | I                | 153,724              | -                                | Office of Science Financial Assistance Program                           | SUBK00011115/PO30005749735  | Univ Of Michigan                           |                              |
| 81.049                                     | I                | 233,070              | -                                | Office of Science Financial Assistance Program                           | WU-15-69 (PO#2922325Y)  | Washington University-St Louis             |                              |
| 81.057                                     | D                | 140,824              | -                                | University Coal Research   |   |  |                              |
| 81.086                                     | D                | 2,430,143            | 417,458                          | Conservation Research and Development                                    |   |  |                              |
| 81.086                                     | I                | 106,115              | -                                | Conservation Research and Development                                    | 0011-45491  | Eaton Corp.                                |                              |
| 81.086                                     | I                | 128,569              | -                                | Conservation Research and Development                                    | 10566-UNC   | Western Michigan University                |                              |
| 81.086                                     | I                | (3,034)              | -                                | Conservation Research and Development                                    | 1070252-432914  | Carnegie Mellon Univ                       |                              |
| 81.086                                     | I                | 5,839                | -                                | Conservation Research and Development                                    | 4500097159  | General Atomics                            |                              |
| 81.086                                     | I                | 3,808                | -                                | Conservation Research and Development                                    | A19-0435-S003   | Univ Of Tennessee                          |                              |
| 81.086                                     | I                | 77,652               | -                                | Conservation Research and Development                                    | DE-EE0009135 - NCSU   | Eaton Corp.                                |                              |
| 81.086                                     | I                | 69,341               | -                                | Conservation Research and Development                                    | DE-EE0009874-NCSU   | John Deere Electronic Solution             |                              |
| 81.086                                     | I                | 10,303               | -                                | Conservation Research and Development                                    | NO. 192216  | Stanford Univ                              |                              |
| 81.086                                     | I                | 101,171              | -                                | Conservation Research and Development                                    | Subaward No: 11257-GR   | Worcester Polytechnic Institute            |                              |
| 81.087                                     | D                | 3,976,518            | 1,092,087                        | Renewable Energy Research and Development                                |   |  |                              |
| 81.087                                     | I                | 240,825              | -                                | Renewable Energy Research and Development                                | 4550 G XA169  | Univ Of California-Los Angeles             |                              |
| 81.087                                     | I                | 91,370               | -                                | Renewable Energy Research and Development                                | 9527-10   | Tandem PV, Inc.                            |                              |
| 81.087                                     | I                | 25,847               | -                                | Renewable Energy Research and Development                                | AGT-22-00121 (DE-EE0009333)   | Silicon Valley Material Technology, LLC    |                              |
| 81.087                                     | I                | 73,007               | -                                | Renewable Energy Research and Development                                | AGT-22-00193  | Bert Thin Films LLC                        |                              |
| 81.087                                     | I                | 6,544                | -                                | Renewable Energy Research and Development                                | AWD-002368-G1   | Georgia Institute of Technology            |                              |
| 81.087                                     | I                | 143,196              | -                                | Renewable Energy Research and Development                                | AWD00005235 (418622-3)  | University Of Pittsburgh                   |                              |
| 81.087                                     | I                | (33,149)             | -                                | Renewable Energy Research and Development                                | DE-EE0007613  | Atology                                    |                              |
| 81.087                                     | I                | (434)                | -                                | Renewable Energy Research and Development                                | DE-EE0007888-05-6   | Rapid Institute                            |                              |
| 81.087                                     | I                | (32,483)             | -                                | Renewable Energy Research and Development                                | DOE-SPEC-FE11-012   | Biodiversity Research Inst.                |                              |
| 81.087                                     | I                | 23,260               | 15,408                           | Renewable Energy Research and Development                                | F-2019-13   | University of Toledo                       |                              |
| 81.087                                     | I                | 71,125               | -                                | Renewable Energy Research and Development                                | G-27028-02  | Colorado State Univ.                       |                              |
| 81.087                                     | I                | 61,079               | -                                | Renewable Energy Research and Development                                | G220-22-W9180   | Montana State University                   |                              |
| 81.087                                     | I                | 290,720              | 81,693                           | Renewable Energy Research and Development                                | L0172   | Univ of New Hampshire                      |                              |
| 81.087                                     | I                | 113,119              | -                                | Renewable Energy Research and Development                                | SUB-2022-10109  | Alliance For Sustainable Energy            |                              |
| 81.087                                     | I                | 111,291              | -                                | Renewable Energy Research and Development                                | Slot-Die Fabrication of Lead-Safe, Robust and Stable Metal Halide Perovskite Modules                | CubicPV                                    |                              |
| 81.089                                     | D                | 1,347,047            | 765,111                          | Fossil Energy Research and Development                                   |   |  |                              |
| 81.089                                     | I                | 131,241              | -                                | Fossil Energy Research and Development                                   | 10017-02 / PO# SUST000003   | Susteon Inc.                               |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name               | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|----------------------------|--|------------------------------|
| 81.089      | I                | 81,035               | -                                | Fossil Energy Research and Development   | 20-068-NCSU                | West Virginia Univ.                    |                              |
| 81.089      | I                | 29,675               | -                                | Fossil Energy Research and Development   | UTA19-001226               | University of Texas at Austin          |                              |
| 81.112      | I                | 5,898                | -                                | Stewardship Science Grant Program  | 323-0300                   | Duke University                        |                              |
| 81.113      | D                | (27,739)             | -                                | Defense Nuclear Nonproliferation Research  |                            |  |                              |
| 81.113      | I                | 188,574              | -                                | Defense Nuclear Nonproliferation Research  | 00010832 PO# BB01640478    | Univ Of Cal - Berkeley                 |                              |
| 81.113      | I                | 120,663              | -                                | Defense Nuclear Nonproliferation Research  | AWD-000372-G6              | Georgia Institute of Technology        |                              |
| 81.117      | D                | 228,053              | -                                | Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance |                            |  |                              |
| 81.121      | D                | 4,146                | -                                | Nuclear Energy Research, Development and Demonstration   |                            |  |                              |
| 81.121      | D                | 2,800,074            | 364,802                          | Nuclear Energy Research, Development and Demonstration   |                            |  |                              |
| 81.121      | I                | 195,300              | -                                | Nuclear Energy Research, Development and Demonstration   | 00145661-00002             | Battelle Energy Alliance, LLC          |                              |
| 81.121      | I                | 62,021               | -                                | Nuclear Energy Research, Development and Demonstration   | 14000690-029               | Purdue University                      |                              |
| 81.121      | I                | 59,574               | -                                | Nuclear Energy Research, Development and Demonstration   | 203913-777                 | Utah State University                  |                              |
| 81.121      | I                | 23,866               | -                                | Nuclear Energy Research, Development and Demonstration   | 9945                       | Univ Of Cal - Berkeley                 |                              |
| 81.121      | I                | 74,258               | -                                | Nuclear Energy Research, Development and Demonstration   | PO 0000001799              | X-Energy, LLC                          |                              |
| 81.121      | I                | 171,496              | -                                | Nuclear Energy Research, Development and Demonstration   | PO 0000002301              | X-Energy, LLC                          |                              |
| 81.121      | I                | 151,557              | -                                | Nuclear Energy Research, Development and Demonstration   | S001257-USDOE              | Pennsylvania State Univ                |                              |
| 81.121      | I                | 103,053              | -                                | Nuclear Energy Research, Development and Demonstration   | S4893/PO#387177            | Mass. Inst. Of Tech.                   |                              |
| 81.121      | I                | 609,983              | -                                | Nuclear Energy Research, Development and Demonstration   | S5191_PO#530808            | Mass. Inst. Of Tech.                   |                              |
| 81.121      | I                | -                    | -                                | Nuclear Energy Research, Development and Demonstration   | SUBAWARD NO. 68016083-01   | Univ Of Central Florida                |                              |
| 81.123      | D                | 1,204,665            | 406,765                          | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                            |                            |  |                              |
| 81.123      | I                | 50                   | -                                | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                            | 602834                     | Battalle Savannah River Alliance       |                              |
| 81.123      | I                | 231,675              | -                                | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                            | Subaward No: 1000004070    | The University of Texas at San Antonio |                              |
| 81.123      | I                | 32,864               | -                                | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                            | Subaward No: 2261606766    | University of Texas at El Paso         |                              |
| 81.124      | I                | 221,980              | -                                | Predictive Science Academic Alliance Program   | G0187A-A                   | Oregon State Univ.                     |                              |
| 81.135      | D                | 1,987,228            | 1,175,362                        | Advanced Research Projects Agency - Energy   |                            |  |                              |
| 81.135      | I                | 124,818              | -                                | Advanced Research Projects Agency - Energy   | 1534                       | X-Energy, LLC                          |                              |
| 81.135      | I                | (12,276)             | -                                | Advanced Research Projects Agency - Energy   | 2018-0104                  | Adroit Materials, Inc.                 |                              |
| 81.135      | I                | 73,913               | -                                | Advanced Research Projects Agency - Energy   | 323-0308                   | Duke University                        |                              |
| 81.135      | I                | (121,915)            | -                                | Advanced Research Projects Agency - Energy   | 9153-20936                 | Vanderbilt University                  |                              |
| 81.135      | I                | 9,670                | -                                | Advanced Research Projects Agency - Energy   | 96-19                      | Suny - Albany                          |                              |
| 81.135      | I                | 77,315               | -                                | Advanced Research Projects Agency - Energy   | A21-0018-S001/PO284610     | Rensselaer Polytechnic Inst.           |                              |
| 81.135      | I                | 57,638               | -                                | Advanced Research Projects Agency - Energy   | PO 0000001922              | X-Energy, LLC                          |                              |
| 81.135      | I                | 303,165              | -                                | Advanced Research Projects Agency - Energy   | PO 0000002355              | X-Energy, LLC                          |                              |
| 81.135      | I                | 68,872               | -                                | Advanced Research Projects Agency - Energy   | PO 1001778307              | University of Colorado                 |                              |
| 81.135      | I                | (336,012)            | -                                | Advanced Research Projects Agency - Energy   | PO0000001109               | X-Energy, LLC                          |                              |
| 81.135      | I                | 270,074              | 120,000                          | Advanced Research Projects Agency - Energy   | PO0000001304               | X-Energy, LLC                          |                              |
| 81.RD       | D                | 37,387               | -                                | U. S. Department of Energy   |                            |  | 1F-60603                     |
| 81.RD       | D                | 2,775                | -                                | U. S. Department of Energy   |                            |  | 2021-2520                    |
| 81.RD       | D                | 33,102               | -                                | U. S. Department of Energy   |                            |  | 2022-0700                    |
| 81.RD       | D                | 10,652               | -                                | U. S. Department of Energy   |                            |  | 2022-2489                    |
| 81.RD       | D                | 10,845               | -                                | U. S. Department of Energy   |                            |  | 2023-1758                    |
| 81.RD       | D                | 16,291               | -                                | U. S. Department of Energy   |                            |  | 2023-2213                    |
| 81.RD       | D                | 57,189               | -                                | U. S. Department of Energy   |                            |  | 2220726                      |
| 81.RD       | D                | 1,750                | -                                | U. S. Department of Energy   |                            |  | 2260815                      |
| 81.RD       | D                | 29,831               | -                                | U. S. Department of Energy   |                            |  | 2354748                      |
| 81.RD       | D                | 15,605               | -                                | U. S. Department of Energy   |                            |  | 2408129                      |
| 81.RD       | D                | 47,335               | -                                | U. S. Department of Energy   |                            |  | 2425153                      |
| 81.RD       | D                | 12,109               | -                                | U. S. Department of Energy   |                            |  | 2434285                      |
| 81.RD       | D                | 68,770               | -                                | U. S. Department of Energy   |                            |  | 2435292                      |
| 81.RD       | D                | 7,000                | -                                | U. S. Department of Energy   |                            |  | 3F-60044                     |
| 81.RD       | D                | 71,195               | -                                | U. S. Department of Energy   |                            |  | 4000192636 / 4000181953      |
| 81.RD       | D                | 6,724                | -                                | U. S. Department of Energy   |                            |  | 4000192640                   |
| 81.RD       | D                | 38,627               | -                                | U. S. Department of Energy   |                            |  | 4000192703                   |
| 81.RD       | D                | 53,615               | -                                | U. S. Department of Energy   |                            |  | 4000192987                   |
| 81.RD       | D                | 94,581               | -                                | U. S. Department of Energy   |                            |  | 4000193103                   |
| 81.RD       | D                | (24,790)             | -                                | U. S. Department of Energy   |                            |  | 4000193559                   |
| 81.RD       | D                | (51,657)             | -                                | U. S. Department of Energy   |                            |  | 4000193563                   |
| 81.RD       | D                | 1,808                | -                                | U. S. Department of Energy   |                            |  | 425877                       |
| 81.RD       | D                | 38,610               | -                                | U. S. Department of Energy   |                            |  | 595451                       |
| 81.RD       | D                | 65,680               | -                                | U. S. Department of Energy   |                            |  | 624149                       |
| 81.RD       | D                | 92,183               | -                                | U. S. Department of Energy   |                            |  | 628147                       |
| 81.RD       | D                | 78,781               | -                                | U. S. Department of Energy   |                            |  | 7683839                      |
| 81.RD       | D                | 64,364               | -                                | U. S. Department of Energy   |                            |  | 89233218CNA000001            |
| 81.RD       | D                | 68,219               | -                                | U. S. Department of Energy   |                            |  | A19-1215-001                 |
| 81.RD       | D                | (360)                | -                                | U. S. Department of Energy   |                            |  | A20-1496-001                 |
| 81.RD       | D                | 90,426               | -                                | U. S. Department of Energy   |                            |  | A21-0431-001                 |
| 81.RD       | D                | 70,000               | -                                | U. S. Department of Energy   |                            |  | A22-0752-001                 |
| 81.RD       | D                | 99,637               | -                                | U. S. Department of Energy   |                            |  | A22-0940-001                 |
| 81.RD       | D                | 27,130               | -                                | U. S. Department of Energy   |                            |  | A22-1140-001                 |
| 81.RD       | D                | 89,693               | -                                | U. S. Department of Energy   |                            |  | A23-0924-001                 |
| 81.RD       | D                | 63,040               | -                                | U. S. Department of Energy   |                            |  | B649686                      |
| 81.RD       | D                | 44,174               | -                                | U. S. Department of Energy   |                            |  | B655502                      |
| 81.RD       | D                | 74,915               | -                                | U. S. Department of Energy   |                            |  | BOA NO 420000036             |
| 81.RD       | D                | 57,827               | -                                | U. S. Department of Energy   |                            |  | CW23583 PO 4000198008        |
| 81.RD       | D                | 1,426                | -                                | U. S. Department of Energy   |                            |  | CW44471 4000208323           |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title          | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|----------------------------|------------------------------|---|------------------------------|
| 81.RD       | D                | 45,239               | -                                | U. S. Department of Energy |                              |   | DE-AC-02-06CH11357           |
| 81.RD       | D                | 214,684              | -                                | U. S. Department of Energy |                              |   | DE-AC02-05CH11231            |
| 81.RD       | D                | 216,883              | -                                | U. S. Department of Energy |                              |   | DE-AC05-00OR22725            |
| 81.RD       | D                | 162,279              | -                                | U. S. Department of Energy |                              |   | DE-AC05-76RL01830            |
| 81.RD       | D                | 130,911              | -                                | U. S. Department of Energy |                              |   | DE-AC07-05ID14517            |
| 81.RD       | D                | 40,965               | -                                | U. S. Department of Energy |                              |   | DE-AC36-08GO28308            |
| 81.RD       | D                | 450                  | -                                | U. S. Department of Energy |                              |   | DE-SC0012704                 |
| 81.RD       | D                | 22,539               | -                                | U. S. Department of Energy |                              |   | PAM-P21-000305               |
| 81.RD       | D                | 67,482               | -                                | U. S. Department of Energy |                              |   | PAM-P21-000854               |
| 81.RD       | D                | 71,140               | -                                | U. S. Department of Energy |                              |   | PAM-P21-001310               |
| 81.RD       | D                | 65,181               | -                                | U. S. Department of Energy |                              |   | PAM-P21-001603               |
| 81.RD       | D                | 18,362               | -                                | U. S. Department of Energy |                              |   | PO 2306118.0                 |
| 81.RD       | D                | 85,105               | -                                | U. S. Department of Energy |                              |   | RELEASE #6 / BMC #264247     |
| 81.RD       | D                | 35,551               | -                                | U. S. Department of Energy |                              |   | SOW-000520044                |
| 81.RD       | I                | 113,905              | -                                | U. S. Department of Energy | #M2100680                    | Texas A&M Univ.                                 | #M2100680                    |
| 81.RD       | I                | 191,122              | -                                | U. S. Department of Energy | 145661-14                    | Battelle Energy Alliance, LLC                   | 145661-14                    |
| 81.RD       | I                | 185                  | -                                | U. S. Department of Energy | 145661-34 RELEASE NO. 34     | Battelle Energy Alliance, LLC                   | 145661-34 RELEASE NO. 34     |
| 81.RD       | I                | 29,075               | -                                | U. S. Department of Energy | 147563                       | Fluor Marine Propulsion, LLC                    | 147563                       |
| 81.RD       | I                | (53)                 | -                                | U. S. Department of Energy | 1871780                      | Sandia National Lab                             | 1871780                      |
| 81.RD       | I                | 70,717               | -                                | U. S. Department of Energy | 2022-0588                    | Battelle Savannah River Alliance                | 2022-0588                    |
| 81.RD       | I                | 61,858               | -                                | U. S. Department of Energy | 2022-0778                    | Makai Ocean Engineering, Inc.                   | 2022-0778                    |
| 81.RD       | I                | 27,637               | -                                | U. S. Department of Energy | 2022-3029                    | Gismo power LLC                                 | 2022-3029                    |
| 81.RD       | I                | 52,378               | -                                | U. S. Department of Energy | 2296549                      | Sandia National Laboratories                    | A22-0636-001                 |
| 81.RD       | I                | 19,494               | -                                | U. S. Department of Energy | 264247 RELEASE NO. 1         | Battelle Energy Alliance, LLC                   | 264247 RELEASE NO. 1         |
| 81.RD       | I                | 30,037               | -                                | U. S. Department of Energy | 264247 RELEASE NO. 2         | Battelle Energy Alliance, LLC                   | 264247 RELEASE NO. 2         |
| 81.RD       | I                | 35,914               | -                                | U. S. Department of Energy | 264247 RELEASE NO. 7         | Battelle Energy Alliance, LLC                   | 264247 RELEASE NO. 7         |
| 81.RD       | I                | 2,529                | 2,529                            | U. S. Department of Energy | 4000120148                   | Battelle UT                                     | A13-0941-001                 |
| 81.RD       | I                | 157,650              | -                                | U. S. Department of Energy | 4000192789                   | Oak Ridge National Lab                          | 4000192789                   |
| 81.RD       | I                | 74,144               | -                                | U. S. Department of Energy | 4000193112                   | Ut-Battelle LLC                                 | 4000193112                   |
| 81.RD       | I                | 66,267               | -                                | U. S. Department of Energy | 4000193150                   | Oak Ridge National Lab                          | 4000193150                   |
| 81.RD       | I                | 80,454               | -                                | U. S. Department of Energy | 4000194697                   | Battelle UT                                     | A16-0143-001                 |
| 81.RD       | I                | 241,557              | -                                | U. S. Department of Energy | 4000196635                   | Oak Ridge National Lab                          | 4000196635                   |
| 81.RD       | I                | (1,219)              | -                                | U. S. Department of Energy | 456470                       | Duke Energy Foundation                          | A12-1384-001                 |
| 81.RD       | I                | (27,249)             | -                                | U. S. Department of Energy | 499690                       | Pacific Northwest National Lab                  | 499690                       |
| 81.RD       | I                | (693)                | -                                | U. S. Department of Energy | 508748                       | Battelle Savannah River Alliance                | 508748                       |
| 81.RD       | I                | (101)                | -                                | U. S. Department of Energy | 508854                       | Triad National Security, LLC                    | 508854                       |
| 81.RD       | I                | 57,928               | -                                | U. S. Department of Energy | 586990                       | Battelle Memorial Institute                     | 586990                       |
| 81.RD       | I                | (2,993)              | -                                | U. S. Department of Energy | 606823                       | Oak Ridge Assoc. Univ.                          | 606823                       |
| 81.RD       | I                | 10,489               | -                                | U. S. Department of Energy | 671726                       | Battelle Memorial Institute                     | 671726                       |
| 81.RD       | I                | 75,025               | -                                | U. S. Department of Energy | 89233218CNA000001            | Triad National Security, LLC                    | 89233218CNA000001            |
| 81.RD       | I                | (726)                | -                                | U. S. Department of Energy | 8F-30076                     | Argonne Nat'L Lab                               | 8F-30076                     |
| 81.RD       | I                | (2,265)              | -                                | U. S. Department of Energy | 9F-60064                     | Argonne Nat'L Lab                               | 9F-60064                     |
| 81.RD       | I                | 13,908               | -                                | U. S. Department of Energy | Agreement # SUB-2022-10351   | DOE National Renewable Energy Laboratory (NREL) | G-281296                     |
| 81.RD       | I                | 685                  | -                                | U. S. Department of Energy | B620596                      | Lawrence Livermore Natl Lab                     | B620596                      |
| 81.RD       | I                | 70,844               | -                                | U. S. Department of Energy | B628785                      | Lawrence Livermore Natl Lab                     | B628785                      |
| 81.RD       | I                | 176,491              | -                                | U. S. Department of Energy | B634847                      | Lawrence Livermore Natl. Secu.                  | B634847                      |
| 81.RD       | I                | 48,497               | -                                | U. S. Department of Energy | CTR-PO-2022-04; TO #1        | Westinghouse Electric Co. LLC                   | CTR-PO-2022-04; TO #1        |
| 81.RD       | I                | 49,118               | -                                | U. S. Department of Energy | CTR-PO-2022-04; TO #2        | Westinghouse Electric Co. LLC                   | CTR-PO-2022-04; TO #2        |
| 81.RD       | I                | 34,116               | -                                | U. S. Department of Energy | CW42445 4000205698           | UT-Battelle                                     | A23-0782-001                 |
| 81.RD       | I                | 23,856               | -                                | U. S. Department of Energy | CW42545 4000206871           | UT-Battelle                                     | A23-0911-001                 |
| 81.RD       | I                | 24,265               | -                                | U. S. Department of Energy | CW42547                      | UT-Battelle                                     | A23-0870-001                 |
| 81.RD       | I                | 287,652              | -                                | U. S. Department of Energy | CW9336 4000198565            | Oak Ridge National Lab                          | CW9336 4000198565            |
| 81.RD       | I                | 50,634               | -                                | U. S. Department of Energy | DE-AC05-00OR22725            | ut-Battelle, LLC                                | DE-AC05-00OR22725            |
| 81.RD       | I                | 9,068                | -                                | U. S. Department of Energy | DE-AC05-76RL01830            | Battelle Memorial Institute                     | DE-AC05-76RL01830            |
| 81.RD       | I                | 74,518               | -                                | U. S. Department of Energy | DE-AC52-07NA27344 NO B650123 | Lawrence Livermore National Security, LLC       | DE-AC52-07NA27344 NO B650123 |
| 81.RD       | I                | 9,723                | -                                | U. S. Department of Energy | DE-EE0008806                 | Ricardo Pic                                     | DE-EE0008806                 |
| 81.RD       | I                | 188,401              | -                                | U. S. Department of Energy | DE-NE0009054                 | Terrapower                                      | DE-NE0009054                 |
| 81.RD       | I                | 55,603               | -                                | U. S. Department of Energy | DE-SC0021700                 | Radia beam Technologies, LLC                    | DE-SC0021700                 |
| 81.RD       | I                | 52,326               | -                                | U. S. Department of Energy | M2203056                     | Texas A&M Univ.                                 | M2203056                     |
| 81.RD       | I                | (7,578)              | -                                | U. S. Department of Energy | MASTER #145661-RELEASE#19    | Battelle Energy Alliance, LLC                   | MASTER #145661-RELEASE#19    |
| 81.RD       | I                | 5,100                | -                                | U. S. Department of Energy | N000378504                   | Honeywell Federal Manufacturing & Techno        | A21-0700-001                 |
| 81.RD       | I                | 14,311               | -                                | U. S. Department of Energy | N000378509                   | Honeywell Federal Manufacturing & Techno        | A21-0662-001                 |
| 81.RD       | I                | 61,931               | -                                | U. S. Department of Energy | N000427633                   | Honeywell Federal Manufacturing & Techno        | A22-0951-001                 |
| 81.RD       | I                | 72,483               | -                                | U. S. Department of Energy | N000427852                   | Honeywell Federal Manufacturing & Techno        | A22-0974-001                 |
| 81.RD       | I                | 41,691               | -                                | U. S. Department of Energy | N000428308                   | HONEYWELL FM&T, LLC                             | N000428308                   |
| 81.RD       | I                | 63,593               | -                                | U. S. Department of Energy | N000469140                   | Honeywell Federal Manufacturing & Techno        | A23-0905-001                 |
| 81.RD       | I                | 50,558               | -                                | U. S. Department of Energy | N000472421                   | Honeywell Federal Manufacturing & Techno        | A23-0906-001                 |
| 81.RD       | I                | (3,936)              | -                                | U. S. Department of Energy | P. O. # 2244761              | DOE Sandia National Laboratories                | G-281181                     |
| 81.RD       | I                | 105,826              | -                                | U. S. Department of Energy | P. O. # 2309786              | DOE Sandia National Laboratories                | G-281261                     |
| 81.RD       | I                | 139,004              | -                                | U. S. Department of Energy | P. O. # 2311035              | DOE Sandia National Laboratories                | G-281247                     |
| 81.RD       | I                | 40,202               | -                                | U. S. Department of Energy | P. O. # 2429142              | DOE Sandia National Laboratories                | G-281344                     |
| 81.RD       | I                | 92,047               | -                                | U. S. Department of Energy | P. O. 2349146                | DOE Sandia National Laboratories                | G-281267                     |
| 81.RD       | I                | 37,935               | -                                | U. S. Department of Energy | P.O.# 2230182                | DOE Sandia National Laboratories                | G-281172                     |
| 81.RD       | I                | 201,198              | -                                | U. S. Department of Energy | P010267139 / TASK ORDER 1    | Leidos, Inc                                     | P010267139 / TASK ORDER 1    |
| 81.RD       | I                | 7,208                | -                                | U. S. Department of Energy | P010267139 / TASK ORDER 2    | Leidos, Inc                                     | P010267139 / TASK ORDER 2    |
| 81.RD       | I                | 1,654                | -                                | U. S. Department of Energy | PAM-P18-002468               | Princeton University                            | PAM-P18-002468               |
| 81.RD       | I                | 40,616               | -                                | U. S. Department of Energy | PO # 107832                  | Bettis Atomic Power Laboratory                  | PO # 107832                  |
| 81.RD       | I                | 67,279               | -                                | U. S. Department of Energy | PO #107832                   | Bettis Atomic Power Laboratory                  | PO #107832                   |
| 81.RD       | I                | 37,103               | -                                | U. S. Department of Energy | PO #146694                   | Fluor Marine Propulsion, LLC                    | G-281317                     |
| 81.RD       | I                | 134,242              | -                                | U. S. Department of Energy | PO #4000192994 / CW9212      | Calut-Battelle LLC                              | PO #4000192994 / CW9212      |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                          | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number       | Pass-Through Entity Name                          | Additional Award Information |
|--------------------------------------|------------------|----------------------|----------------------------------|--|----------------------------------|---|------------------------------|
| 81.RD                                | I                | 61,466               | -                                | U. S. Department of Energy   | PO# 107832                       | Bettis Atomic Power Laboratory                    | PO# 107832                   |
| 81.RD                                | I                | (14,035)             | -                                | U. S. Department of Energy   | PO# 135117                       | Fluor Marine Propulsion, LLC                      | G-270148                     |
| 81.RD                                | I                | 174,120              | -                                | U. S. Department of Energy   | PO# 145512                       | Fluor Marine Propulsion, LLC                      | PO# 145512                   |
| 81.RD                                | I                | 88,888               | -                                | U. S. Department of Energy   | PO# 2330062                      | DOE Sandia National Laboratories                  | G-281257                     |
| 81.RD                                | I                | 13,237               | -                                | U. S. Department of Energy   | RELEASE # 26 UNDER 145661        | Battelle Energy Alliance, LLC                     | RELEASE # 26 UNDER 145661    |
| 81.RD                                | I                | 3,078                | -                                | U. S. Department of Energy   | RELEASE # 29 BMC #145661         | Battelle Energy Alliance, LLC                     | RELEASE # 29 BMC #145661     |
| 81.RD                                | I                | 88,288               | -                                | U. S. Department of Energy   | RELEASE # 33 BMC #145661         | Battelle Energy Alliance, LLC                     | RELEASE # 33 BMC #145661     |
| 81.RD                                | I                | 18,315               | -                                | U. S. Department of Energy   | RELEASE #4/BMA #264247           | Battelle Energy Alliance, LLC                     | RELEASE #4/BMA #264247       |
| 81.RD                                | I                | 89,878               | -                                | U. S. Department of Energy   | RELEASE 24 UNDER 145661          | Battelle Energy Alliance, LLC                     | RELEASE 24 UNDER 145661      |
| 81.RD                                | I                | 89,298               | -                                | U. S. Department of Energy   | RELEASE 35 UC 145661             | Battelle Energy Alliance                          | RELEASE 35 UC 145661         |
| 81.RD                                | I                | 65,134               | -                                | U. S. Department of Energy   | RELEASE NO. 1/ BMA 255742        | Battelle Energy Alliance, LLC                     | RELEASE NO. 1/ BMA 255742    |
| 81.RD                                | I                | 25,674               | -                                | U. S. Department of Energy   | RELEASE NO. 2/ BMA 255742        | Battelle Energy Alliance, LLC                     | RELEASE NO. 2/ BMA 255742    |
| 81.RD                                | I                | 251,950              | -                                | U. S. Department of Energy   | RELEASE NO. 37/145661            | Battelle Energy Alliance, LLC                     | RELEASE NO. 37/145661        |
| 81.RD                                | I                | 53,923               | -                                | U. S. Department of Energy   | RELEASE NO. 39/145661            | Battelle Energy Alliance, LLC                     | RELEASE NO. 39/145661        |
| 81.RD                                | I                | 1,681,089            | 316,478                          | U. S. Department of Energy   | SCN09846 / 10102                 | Pacmar Technologies, LLC                          | SCN09846 / 10102             |
| 81.RD                                | I                | 3,466                | -                                | U. S. Department of Energy   | Subaward No: W911SR-14-2-0001    | MSRDC   | G-281352                     |
| 81.RD                                | I                | 91,140               | -                                | U. S. Department of Energy   | Subcontract # EE-0009793-NCAT    | TreadStone Technologies, Inc                      | G-281278                     |
| 81.RD                                | I                | 24,998               | -                                | U. S. Department of Energy   | Subcontract No: 4000182500       | DOE Oak Ridge National Laboratories               | G-281147                     |
| 81.RD                                | I                | 111,845              | -                                | U. S. Department of Energy   | Subcontract No: B647042          | DOE Lawrence Livermore National Laboratory (LLNL) | G-270177                     |
| 81.RD                                | I                | 14,179               | -                                | U. S. Department of Energy   | TOA # 0000602156                 | Department of Energy (DOE)                        | G-270201                     |
| 81.RD                                | I                | 10,654               | -                                | U. S. Department of Energy   | TOA/PO No: 0000403064            | Savannah River Nuclear Solutions                  | G-281053                     |
| 81.RD                                | I                | 172,013              | -                                | U. S. Department of Energy   | TP-PO-001490 / TASK B            | Terrapower  | TP-PO-001490 / TASK B        |
|                                      |                  | 45,867,345           | 7,394,097                        | Total - Research and Development - U. S. Department of Energy  |                                  |   |                              |
| <b>U. S. Department of Education</b> |                  |                      |                                  |  |                                  |   |                              |
| 84.010                               | I                | 336,179              | -                                | Title I Grants to Local Educational Agencies   | Calhoun ISD Capacity Development | Calhoun Intermediate School District              |                              |
| 84.015                               | D                | 2,527,411            | 214,666                          | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program |                                  |   |                              |
| 84.015                               | I                | (4,092)              | -                                | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program | 15-FLAS-1055                     | Duke University                                   |                              |
| 84.015                               | I                | 2,391                | -                                | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program | NRC 2010-2013                    | Duke University                                   |                              |
| 84.017                               | D                | 49,877               | -                                | International Research and Studies   |                                  |   |                              |
| 84.019                               | D                | 10,851               | -                                | Overseas Programs - Faculty Research Abroad  |                                  |   |                              |
| 84.022                               | D                | 192,802              | -                                | Overseas Programs - Doctoral Dissertation Research Abroad  |                                  |   |                              |
| 84.129                               | D                | 351,444              | -                                | Rehabilitation Long-Term Training  |                                  |   |                              |
| 84.133                               | I                | 2,301                | -                                | National Institute on Disability and Rehabilitation Research   | 1701835A/PO#100004853            | Univ Of Maryland Balt. County                     |                              |
| 84.184                               | D                | 60,060               | -                                | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)   |                                  |   |                              |
| 84.184                               | I                | 74,025               | -                                | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)   | S18X190008                       | Rockingham County Schools                         |                              |
| 84.200                               | D                | 621,402              | -                                | Graduate Assistance in Areas of National Need  |                                  |   |                              |
| 84.215                               | D                | 86,555               | -                                | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods   |                                  |   |                              |
| 84.220                               | D                | (580)                | -                                | Centers for International Business Education   |                                  |   |                              |
| 84.283                               | D                | 3,669,698            | 192,491                          | Comprehensive Centers  |                                  |   |                              |
| 84.283                               | I                | 25,615               | -                                | Comprehensive Centers  | 6729-S-011                       | Westate, Inc                                      |                              |
| 84.283                               | I                | 159,144              | -                                | Comprehensive Centers  | Comprehensive Center Region 7    | RMC Research Corporation                          |                              |
| 85.283                               | I                | 29,490               | -                                | Comprehensive Centers  | R00002991                        | Florida State university                          |                              |
| 84.305                               | D                | 4,132,918            | 639,847                          | Education Research, Development and Dissemination  |                                  |   |                              |
| 84.305                               | I                | 32,883               | -                                | Education Research, Development and Dissemination  | 467100007                        | American Institutes for Research                  |                              |
| 84.305                               | I                | 160,540              | -                                | Education Research, Development and Dissemination  | 1-312-0218128-66512L             | Research Triangle Institute (RTI International)   |                              |
| 84.305                               | I                | 45,591               | -                                | Education Research, Development and Dissemination  | 2135 PO# 111401                  | Education Testing Service                         |                              |
| 84.305                               | I                | 10,331               | -                                | Education Research, Development and Dissemination  | 24-1714-0132-007                 | University of Nebraska at Lincoln                 |                              |
| 84.305                               | I                | 33,170               | -                                | Education Research, Development and Dissemination  | 24-1714-0132-008                 | University of Nebraska at Lincoln                 |                              |
| 84.305                               | I                | 87,932               | 500                              | Education Research, Development and Dissemination  | 31653-A22008-S001                | American University (AU)                          |                              |
| 84.305                               | I                | 17,063               | -                                | Education Research, Development and Dissemination  | 343-000045                       | Duke University                                   |                              |
| 84.305                               | I                | 13,683               | -                                | Education Research, Development and Dissemination  | 343-0811                         | Duke University                                   |                              |
| 84.305                               | I                | 7,637                | 5,024                            | Education Research, Development and Dissemination  | 43802                            | University of Delaware                            |                              |
| 84.305                               | I                | 10,285               | -                                | Education Research, Development and Dissemination  | 583399 57898/00                  | Trustees of the Univ. of Pennsylvania             |                              |
| 84.305                               | I                | 42,155               | -                                | Education Research, Development and Dissemination  | 583399 57898/001                 | Trustees of the Univ. of Pennsylvania             |                              |
| 84.305                               | I                | 1,866                | -                                | Education Research, Development and Dissemination  | Agmt dated 02/20/2017            | Assoc of Public and Land Grant Universities APLU  |                              |
| 84.305                               | I                | 5,425                | -                                | Education Research, Development and Dissemination  | FY2020-003 M1                    | University of Kansas Center for Research          |                              |
| 84.305                               | I                | 26,489               | -                                | Education Research, Development and Dissemination  | G154.UNC.01                      | National Opinion Research Center (NORC)           |                              |
| 84.305                               | I                | 11,238               | -                                | Education Research, Development and Dissemination  | PO 319377 A23-0007-S002          | University of Memphis                             |                              |
| 84.305                               | I                | 20,947               | -                                | Education Research, Development and Dissemination  | S-00015915                       | Westat  |                              |
| 84.305                               | I                | 34,156               | -                                | Education Research, Development and Dissemination  | SUB00003023                      | University of Florida                             |                              |
| 84.305                               | I                | 143,373              | -                                | Education Research, Development and Dissemination  | SUB00003341                      | University of Florida                             |                              |
| 84.323                               | I                | 5,173                | -                                | Special Education - State Personnel Development  | 20210291                         | State of Washington Office of Superintendent      |                              |
| 84.324                               | D                | 2,562,111            | 867,470                          | Research in Special Education  |                                  |   |                              |
| 84.324                               | I                | 42,712               | -                                | Research in Special Education  | 362596                           | University of Connecticut                         |                              |
| 84.324                               | I                | 10,774               | -                                | Research in Special Education  | 54033                            | Abt Associates                                    |                              |
| 84.324                               | I                | 136,012              | -                                | Research in Special Education  | 5A200C 7803 E0021431             | San Diego State University (SDSU) Research        |                              |
| 84.324                               | I                | 128,054              | 5,229                            | Research in Special Education  | FY2018-077                       | University of Kansas                              |                              |
| 84.324                               | I                | 81,515               | -                                | Research in Special Education  | FY2019-013                       | University of Kansas Center for Research Inc      |                              |
| 84.324                               | I                | 12                   | -                                | Research in Special Education  | FY2020-0490M2                    | University of Kansas                              |                              |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name                  | Additional Award Information |
|---|------------------|----------------------|----------------------------------|---|--------------------------------|---|------------------------------|
| 84.324  | I                | 325,008              | 2,150                            | Research in Special Education   | FY2020-057                     | University of Kansas Center for Research  |                              |
| 84.324  | I                | 95,599               | -                                | Research in Special Education   | FY2023-034                     | University of Kansas Center for Research  |                              |
| 84.325  | D                | 1,860,034            | 150                              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                |                                |   |                              |
| 84.325  | I                | 87,646               | -                                | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                | UCHC7-127393037-A1             | University of Connecticut Health Center   |                              |
| 84.326  | D                | 11,715,808           | 1,692,933                        | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities |                                |   |                              |
| 84.326  | I                | (3,368)              | -                                | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | 223791B                        | University of Oregon                      |                              |
| 84.326  | I                | 7,694                | -                                | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | 227964                         | Wyoming Department of Education (WED)     |                              |
| 84.326  | I                | 91,830               | -                                | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | A006557003                     | University of Minnesota                   |                              |
| 84.326  | I                | 186,503              | -                                | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | A006557004                     | University of Minnesota                   |                              |
| 84.327  | I                | 105,355              | -                                | Special Education Educational Technology Media, and Materials for Individuals with Disabilities                         | PO 61511                       | SRI International                         |                              |
| 84.327  | I                | (5,701)              | -                                | Special Education Educational Technology Media, and Materials for Individuals with Disabilities                         | UKRF 3048106788-10-3           | University of Kentucky (UK)               |                              |
| 84.327  | D                | 2,331,099            | 527,696                          | Special Education Educational Technology Media, and Materials for Individuals with Disabilities                         |                                |   |                              |
| 84.327  | I                | 85,979               | -                                | Special Education Educational Technology Media, and Materials for Individuals with Disabilities                         | PM00896810                     | Georgia State University                  |                              |
| 84.334  | I                | 22,680               | -                                | Gaining Early Awareness and Readiness for Undergraduate Programs  | 20753                          | Mississippi State University              |                              |
| 84.334  | I                | 256,292              | -                                | Gaining Early Awareness and Readiness for Undergraduate Programs  | 192500.361293.07               | Mississippi State University              |                              |
| 84.334  | I                | 17,159               | -                                | Gaining Early Awareness and Readiness for Undergraduate Programs  | College Advising Corps 2021-22 | National College Advising Corps           |                              |
| 84.334  | I                | 1,105,956            | -                                | Gaining Early Awareness and Readiness for Undergraduate Programs  | College Advising Corps 2022-23 | National College Advising Corps           |                              |
| 84.336  | D                | 2,348,201            | (94)                             | Teacher Quality Partnership Grants  |                                |   |                              |
| 84.336  | I                | 27,891               | -                                | Teacher Quality Partnership Grants  | 226150941A                     | University of Texas at El Paso            |                              |
| 84.365  | D                | 943,379              | -                                | English Language Acquisition State Grants   |                                |   |                              |
| 84.365  | I                | 34,866               | -                                | English Language Acquisition State Grants   | AWD7774919-GR207181            | Georgetown University                     |                              |
| 84.373  | I                | 707,455              | -                                | Special Education Technical Assistance on State Data Collection   | 44151                          | SRI International                         |                              |
| 84.373  | I                | 61,689               | -                                | Special Education Technical Assistance on State Data Collection   | 6738-S-008                     | WESTAT                                    |                              |
| 84.373  | I                | 5,343                | -                                | Special Education Technical Assistance on State Data Collection   | FY2011-094                     | University Of Kansas                      |                              |
| 84.373  | I                | 36,608               | -                                | Special Education Technical Assistance on State Data Collection   | S-18649                        | WestEd                                    |                              |
| 84.373  | I                | 95,821               | -                                | Special Education Technical Assistance on State Data Collection   | S000-19505                     | WestEd                                    |                              |
| 84.374  | I                | 66,016               | -                                | Teacher and School Leader Incentive Grants (formerly the Teacher Incentive Fund)  | S374A210025                    | Fitt County Schools                       |                              |
| 84.411  | I                | 88,968               | -                                | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 12586                          | Education Development Center              |                              |
| 84.411  | I                | 665                  | -                                | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 1516-013-01                    | Columbus State Community College          |                              |
| 84.411  | I                | 154,886              | -                                | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 201910                         | University of Indianapolis                |                              |
| 84.422  | I                | 28,237               | -                                | American History and Civics Education   | 19100102-003                   | Purdue University                         |                              |
| 84.423  | D                | 319,753              | 218,746                          | Supporting Effective Educator Development Program   |                                |   |                              |
| 84.423  | I                | 46,805               | -                                | Supporting Effective Educator Development Program   | F2019-054-M2                   | University of Kansas                      |                              |
| 84.425F   | D                | 8,514,321            | -                                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion      |                                |   |                              |
| 84.RD   | I                | 44,292               | -                                | U. S. Department of Education   | 2023-0745                      | X-Energy, LLC                             | 2023-0745                    |
| 84.RD   | I                | 71,931               | -                                | U. S. Department of Education   | Comprehensive Center Region 7  | RMC Research Corporation                  | A22-0529-001                 |
| 84.RD   | I                | 10,458               | -                                | U. S. Department of Education   | RELEASE NO 38, NO. 145661      | Battelle Energy Alliance, LLC             | DE-AC07-05ID14517            |
| 84.RD   | I                | 53,880               | -                                | U. S. Department of Education   | RELEASE NO. 41/BMC 145661      | BATTELLE ENERGY ALLIANCE, LLC             | DE-AC07-05ID14517            |
| 84.RD   | I                | 11,807               | -                                | U. S. Department of Education   | SUBCONTRACT DATED 10/27/2014   | Langston University                       | G-281293                     |
|   |                  | <u>47,957,463</u>    | <u>4,366,808</u>                 | Total - Research and Development - U. S. Department of Education  |                                |   |                              |
| <b>U. S. National Archives and Records Administration</b> |                  |                      |                                  |   |                                |   |                              |
| 89.003  | I                | 22,567               | -                                | National Historical Publications and Records Grants   | PAM-P23-000167                 | Arab American National Museum             |                              |
| 89.003  | I                | 4,026                | -                                | National Historical Publications and Records Grants   | N/A                            | Johnson C Smith University                |                              |
|   |                  | <u>26,593</u>        | -                                | Total - Research and Development - U. S. National Archives and Records Administration                                   |                                |   |                              |
| <b>U. S. Institute of Peace</b>                           |                  |                      |                                  |   |                                |   |                              |
| 91.RD   | I                | 97,160               | -                                | U. S. Institute of Peace  | 212076-01                      | Texas Tech University                     | 70RSAT21CB000023             |
| 91.RD   | I                | 55,260               | -                                | U. S. Institute of Peace  | 486743                         | Battelle Savannah River Allian            | 486743                       |
| 91.RD   | I                | 156,722              | 32,942                           | U. S. Institute of Peace  | SCN09846 / 10102               | Pacmar Technologies, LLC                  | SCN09846 / 10102             |
|   |                  | <u>309,142</u>       | <u>32,942</u>                    | Total - Research and Development - U. S. Institute of Peace   |                                |   |                              |
| <b>U. S. Department of Health and Human Services</b>      |                  |                      |                                  |   |                                |   |                              |
| 93.019  | I                | 20,291               | -                                | Technical Assistance and Provision for Foreign Hospitals and Health Organizations                                       | SUB00002983                    | University of Georgia Research Foundation |                              |
| 93.048  | D                | 354,852              | 81,172                           | Special Programs for the Aging, Title IV, and Title II, Discretionary Projects  |                                |   |                              |
| 93.059  | D                | 69,953               | -                                | Training in General, Pediatric, and Public Health Dentistry   |                                |   |                              |
| 93.067  | I                | (424)                | -                                | Global AIDS   | 21-2421                        | Columbia University                       |                              |
| 93.067  | I                | 25,247               | -                                | Global AIDS   | 22-1701                        | Columbia University                       |                              |
| 93.067  | I                | 45                   | -                                | Global AIDS   | CDC.579284-01707373-           | Program for Appropriate Technology in He  |                              |
| 93.067  | I                | 22,473               | -                                | Global AIDS   | M160 P411 5NU2GGH002251-       | Centre for Infectious Disease Research    |                              |
| 93.068  | D                | (9,894)              | -                                | Chronic Diseases: Research, Control, and Prevention   |                                |   |                              |
| 93.068  | I                | 9,258                | -                                | Chronic Diseases: Research, Control, and Prevention   | 000516164-SC001                | University of Alabama at Birmingham       |                              |
| 93.068  | I                | 29,760               | -                                | Chronic Diseases: Research, Control, and Prevention   | N/A                            | Equiti Foods, LLC                         |                              |
| 93.070  | I                | 37,565               | -                                | Environmental Public Health and Emergency Response  | AWD-IPF2022-0913               | Gaston County Department of Health        |                              |
| 93.070  | I                | 56,134               | -                                | Environmental Public Health and Emergency Response  | FY22.723.001                   | University of Colorado Denver             |                              |
| 93.073  | D                | 1,741,052            | 16,397                           | Birth Defects and Developmental Disabilities - Prevention and Surveillance  |                                |   |                              |
| 93.073  | I                | 17,609               | -                                | Birth Defects and Developmental Disabilities - Prevention and Surveillance  | A03-2440                       | Duke University                           |                              |
| 93.073  | I                | 12,419               | -                                | Birth Defects and Developmental Disabilities - Prevention and Surveillance  | A03-2441                       | Duke Univ                                 |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|--|---|------------------------------|
| 93.077      | D                | 3,362,138            | 190,102                          | Family Smoking Prevention and Tobacco Control Act Regulatory Research   |  |   |                              |
| 93.077      | I                | 16,534               | -                                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 40-55811085045117-11   | Wake Forest University Health Sciences          |                              |
| 93.077      | I                | 7,153                | -                                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 61-45117-1100000179  | Wake Forest University Health Sciences          |                              |
| 93.077      | I                | 2,971                | -                                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 61-55811085045117-1100000179   | Wake Forest University Health Sciences          |                              |
| 93.077      | I                | 20,991               | -                                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | FP00006477_SA006   | Virginia Commonwealth University                |                              |
| 93.078      | D                | 2,485                | -                                | Strengthening Emergency Care Delivery in the United States Healthcare System through Health Information and Promotion     |  |   |                              |
| 93.079      | I                | 33,340               | -                                | Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance | 903402-UNC-CH  | American Psychological Association (APA)        |                              |
| 93.080      | I                | 5,008                | 5,008                            | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2015001-IVN-5  | American Thrombosis and Hemostasis Network      |                              |
| 93.080      | I                | 143,883              | 106,795                          | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2020CDC-IVN-02   | American Thrombosis and Hemostasis Network      |                              |
| 93.080      | I                | 157,198              | 59,932                           | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2020CDC-IVN-03   | American Thrombosis and Hemostasis Network      |                              |
| 93.083      | D                | 29,170               | -                                | Prevention of Disease, Disability, and Death through Immunization and Control of Respiratory and Related Diseases         |  |   |                              |
| 93.084      | D                | 1,011,583            | 545,265                          | Prevention of Disease, Disability, and Death by Infectious Diseases   |  |   |                              |
| 93.084      | I                | 37                   | -                                | Prevention of Disease, Disability, and Death by Infectious Diseases   | 000528670-SC002  | University of Alabama at Birmingham             |                              |
| 93.084      | I                | 55,844               | -                                | Prevention of Disease, Disability, and Death by Infectious Diseases   | A034828  | Duke University                                 |                              |
| 93.084      | I                | 54,642               | -                                | Prevention of Disease, Disability, and Death by Infectious Diseases   | SUB00003261  | University of Florida                           |                              |
| 93.086      | I                | 18,939               | -                                | Healthy Marriage Promotion and Responsible Fatherhood Grants  | 10010274-UNC   | Bowling Green State University                  |                              |
| 93.086      | I                | 165,021              | (400)                            | Healthy Marriage Promotion and Responsible Fatherhood Grants  | 7676 UNCCH.01  | Child Trends                                    |                              |
| 93.087      | I                | 34,008               | -                                | Enhance Safety of Children Affected by Substance Abuse  | 51299507812  | Mathematica, Inc                                |                              |
| 93.088      | D                | 116,416              | -                                | Advancing System Improvements for Key Issues in Women's Health  |  |   |                              |
| 93.088      | I                | 28,690               | -                                | Advancing System Improvements for Key Issues in Women's Health  | PO #7800006365   | University of Kentucky Research Foundation      |                              |
| 93.088      | I                | 55,648               | -                                | Advancing System Improvements for Key Issues in Women's Health  | RHNTCOWHY2   | John Snow, Inc. (JSI)                           |                              |
| 93.088      | I                | 73,843               | -                                | Advancing System Improvements for Key Issues in Women's Health  | RHNTCOWHY3UNC1   | John Snow, Inc. (JSI)                           |                              |
| 93.103      | D                | 2,348,136            | 429,543                          | Food and Drug Administration Research   |  |   |                              |
| 93.103      | I                | 115,834              | -                                | Food and Drug Administration Research   | 20-5653  | Genentech, Inc.                                 |                              |
| 93.103      | I                | 82,507               | -                                | Food and Drug Administration Research   | 22-0785-UNCCH  | University of Tennessee Health Science C        |                              |
| 93.103      | I                | 3,142                | -                                | Food and Drug Administration Research   | 315610/PO 3100839553   | Cincinnati Childrens Hospital Medical Ce        |                              |
| 93.103      | I                | (3,400)              | -                                | Food and Drug Administration Research   | A03-3742   | Duke University                                 |                              |
| 93.103      | I                | 29,857               | -                                | Food and Drug Administration Research   | OS00000069/308740  | Cincinnati Childrens Hospital Medical Ce        |                              |
| 93.103      | I                | 14,597               | -                                | Food and Drug Administration Research   | PO 92166377  | Children's Hospital Boston                      |                              |
| 93.103      | I                | 37,845               | -                                | Food and Drug Administration Research   | PO#424038/KFS#5663310  | University of Connecticut                       |                              |
| 93.103      | I                | 1,000                | -                                | Food and Drug Administration Research   | Prospective Natural History Study of Angelman Syndrome for Therapeutic Development | Children's Hospital Boston                      |                              |
| 93.107      | D                | 1,697,465            | 1,450,437                        | Area Health Education Centers   |  |   |                              |
| 93.110      | D                | 8,180,231            | 2,437,884                        | Maternal and Child Health Federal Consolidated Programs   |  |   |                              |
| 93.110      | I                | 12,009               | -                                | Maternal and Child Health Federal Consolidated Programs   | 4469   | Mountain Area Health Education Center           |                              |
| 93.110      | I                | 46,582               | -                                | Maternal and Child Health Federal Consolidated Programs   | 1638 G WA067   | University of California at Los Angeles         |                              |
| 93.110      | I                | 25,000               | -                                | Maternal and Child Health Federal Consolidated Programs   | 1638 G ZA021   | University of California at Los Angeles         |                              |
| 93.110      | I                | 138,289              | -                                | Maternal and Child Health Federal Consolidated Programs   | 205656 GR205638-UNC  | Georgetown University                           |                              |
| 93.110      | I                | 14,230               | -                                | Maternal and Child Health Federal Consolidated Programs   | 22-4865  | University of South Carolina                    |                              |
| 93.110      | I                | 61,482               | -                                | Maternal and Child Health Federal Consolidated Programs   | 425545_AWD7775582-UNC  | Georgetown University                           |                              |
| 93.110      | I                | 5,856                | -                                | Maternal and Child Health Federal Consolidated Programs   | A481919  | Emory University (EU)                           |                              |
| 93.110      | I                | 35,612               | -                                | Maternal and Child Health Federal Consolidated Programs   | A790696  | Emory University (EU)                           |                              |
| 93.110      | I                | 3,015                | -                                | Maternal and Child Health Federal Consolidated Programs   | A841769  | Emory University (EU)                           |                              |
| 93.110      | I                | 39,901               | -                                | Maternal and Child Health Federal Consolidated Programs   | Hereditary Hemorrhagic Telangiectasia (HHT) Program                                | Cure HHT Foundation                             |                              |
| 93.110      | I                | 97,854               | -                                | Maternal and Child Health Federal Consolidated Programs   | Regional Hemophilia Network  | Hemophilia of Georgia (HOG)                     |                              |
| 93.110      | I                | 10,000               | -                                | Maternal and Child Health Federal Consolidated Programs   | U7A33712   | Mountain Area Health Education Center           |                              |
| 93.113      | D                | 20,594,929           | 1,456,284                        | Environmental Health  |  |   |                              |
| 93.113      | I                | 8,032                | -                                | Environmental Health  | 1062311  | Beth Israel Deaconess Medical Center            |                              |
| 93.113      | I                | 728,208              | -                                | Environmental Health  | 1-340-0217136-65707L   | Research Triangle Institute (RTI International) |                              |
| 93.113      | I                | 20,497               | -                                | Environmental Health  | 10009736-UNC06   | Bowling Green State University                  |                              |
| 93.113      | I                | 38,078               | -                                | Environmental Health  | 18-M69   | George Washington University                    |                              |
| 93.113      | I                | 675,657              | -                                | Environmental Health  | 2-340-0127136-65711L   | RTI International                               |                              |
| 93.113      | I                | 671                  | -                                | Environmental Health  | 2-340-0215502-65237L   | Research Triangle Institute (RTI International) |                              |
| 93.113      | I                | 93,051               | -                                | Environmental Health  | 2003147882   | Johns Hopkins University                        |                              |
| 93.113      | I                | 26,452               | -                                | Environmental Health  | 2004648400   | Johns Hopkins University                        |                              |
| 93.113      | I                | 31,772               | -                                | Environmental Health  | 2005324198   | Johns Hopkins University                        |                              |
| 93.113      | I                | 4,916                | -                                | Environmental Health  | 2022-2986  | NCSU Chhe                                       |                              |
| 93.113      | I                | 64,931               | -                                | Environmental Health  | 2023-2635  | NCSU Chhe                                       |                              |
| 93.113      | I                | 34,372               | -                                | Environmental Health  | 21-4377  | Predictive, LLC                                 |                              |
| 93.113      | I                | 5,903                | -                                | Environmental Health  | 2P30E5025128-06  | Public Health Serv                              |                              |
| 93.113      | I                | 3,309                | -                                | Environmental Health  | 9376/20190378  | CFD Research Corporation                        |                              |
| 93.113      | I                | 49,069               | -                                | Environmental Health  | 9R44E5032782-02  | Cell Microsystems, Inc.                         |                              |
| 93.113      | I                | 2,609                | -                                | Environmental Health  | A03-2125   | Duke University                                 |                              |
| 93.113      | I                | 240,874              | -                                | Environmental Health  | A03-3559   | Duke University                                 |                              |
| 93.113      | I                | 28,409               | -                                | Environmental Health  | FY22.253.003   | University of Colorado Denver                   |                              |
| 93.113      | I                | 272,246              | -                                | Environmental Health  | GR119444/ SPC-1000004149   | Ohio State University                           |                              |
| 93.113      | I                | 26,379               | -                                | Environmental Health  | GR126821   | Ohio State University                           |                              |
| 93.113      | I                | 205,895              | -                                | Environmental Health  | M1901895   | Texas A&M Univ.                                 |                              |
| 93.113      | I                | 41,523               | -                                | Environmental Health  | M230011  | Texas A & M                                     |                              |
| 93.113      | I                | 62,017               | -                                | Environmental Health  | M230653135/21-A1-00-10059  | New York University School of Medicine          |                              |
| 93.113      | I                | 101,378              | -                                | Environmental Health  | NCSU-3338-02   | Euro. Molecular Biology Lab                     |                              |
| 93.113      | I                | 12,913               | -                                | Environmental Health  | P0431A-A   | Oregon State Univ.                              |                              |
| 93.113      | I                | (811)                | -                                | Environmental Health  | Regional Brain Manganese Accumulation and Functional Consequences in Welders       | Pennsylvania State University                   |                              |
| 93.113      | I                | (9,919)              | -                                | Environmental Health  | RR715-234/S000725  | University of Georgia                           |                              |
| 93.113      | I                | (2,404)              | -                                | Environmental Health  | SUB00002460SRP   | Board Reg Univ System Georgia                   |                              |
| 93.113      | I                | 29,867               | -                                | Environmental Health  | SUBAWARD# 1-340-0215502-52722L   | Research Triangle Institute                     |                              |
| 93.113      | I                | (977)                | -                                | Environmental Health  | UNCES019672  | Pennsylvania State University                   |                              |
| 93.113      | I                | 267                  | -                                | Environmental Health  | UWSC10029/ BPO26342  | University of Washington                        |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                            | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|---|---|------------------------------|
| 93.113      | I                | 31,454               | -                                | Environmental Health  | UWSC12368 51996   | University of Washington                            |                              |
| 93.113      | I                | 10,844               | -                                | Environmental Health  | WSU22171  | Wayne State Univ                                    |                              |
| 93.117      | D                | 365,056              | -                                | Preventive Medicine Residency   |   |   |                              |
| 93.121      | D                | 6,810,846            | 1,230,871                        | Oral Diseases and Disorders Research  |   |   |                              |
| 93.121      | I                | (780)                | -                                | Oral Diseases and Disorders Research  | 000412838-011   | University of Alabama at Birmingham                 |                              |
| 93.121      | I                | 112,488              | -                                | Oral Diseases and Disorders Research  | 096565-17609  | The Board of Trustees of the University of Illinois |                              |
| 93.121      | I                | 27,107               | -                                | Oral Diseases and Disorders Research  | 096565-18255  | The Board of Trustees of the University of Illinois |                              |
| 93.121      | I                | 17,106               | -                                | Oral Diseases and Disorders Research  | 11-18754-99-01-G1   | H Lee Moffitt Cancer and Research Institute         |                              |
| 93.121      | I                | 26,132               | -                                | Oral Diseases and Disorders Research  | 11-22224-99-01-G1   | H Lee Moffitt Cancer and Research Institute         |                              |
| 93.121      | I                | 74,750               | -                                | Oral Diseases and Disorders Research  | 117267-0285-5121149   | Harvard University                                  |                              |
| 93.121      | I                | 14,229               | -                                | Oral Diseases and Disorders Research  | 13100310228(A21-0106-S002   | Carolinas Medical Center (CMC)                      |                              |
| 93.121      | I                | 32,225               | -                                | Oral Diseases and Disorders Research  | 2017-3474   | University of California                            |                              |
| 93.121      | I                | (20,448)             | -                                | Oral Diseases and Disorders Research  | 22000010-170  | The Methodist Hospital Research Institute           |                              |
| 93.121      | I                | 2,239                | -                                | Oral Diseases and Disorders Research  | 233220  | Massachusetts General Hospital                      |                              |
| 93.121      | I                | (2,159)              | -                                | Oral Diseases and Disorders Research  | 3002885068  | University of Michigan (UMICH)                      |                              |
| 93.121      | I                | 12,221               | -                                | Oral Diseases and Disorders Research  | 34768-1   | Augusta University                                  |                              |
| 93.121      | I                | 95,484               | -                                | Oral Diseases and Disorders Research  | A21-0106-S002   | Carolinas Medical Center (CMC)                      |                              |
| 93.121      | I                | 3,331                | -                                | Oral Diseases and Disorders Research  | F1456-02  | New York University (NYU)                           |                              |
| 93.121      | I                | 33,842               | -                                | Oral Diseases and Disorders Research  | F1456-04  | New York University (NYU)                           |                              |
| 93.121      | I                | 15,279               | -                                | Oral Diseases and Disorders Research  | F3487-02  | New York University (NYU)                           |                              |
| 93.121      | I                | 2,014                | -                                | Oral Diseases and Disorders Research  | FP00016691_SA005  | Virginia Commonwealth Univ                          |                              |
| 93.121      | I                | 19,386               | -                                | Oral Diseases and Disorders Research  | K002574-00-S01  | Kitware, Inc.                                       |                              |
| 93.121      | I                | 116,853              | -                                | Oral Diseases and Disorders Research  | R1318572  | SUNY at Buffalo                                     |                              |
| 93.121      | I                | 87,358               | -                                | Oral Diseases and Disorders Research  | SITZMAN-20-06   | Phoenix Children's Hospital                         |                              |
| 93.121      | I                | 33,334               | -                                | Oral Diseases and Disorders Research  | SPC-100006291 GR126720  | Ohio State University                               |                              |
| 93.121      | I                | 31,178               | -                                | Oral Diseases and Disorders Research  | SUB00002461   | University of Florida                               |                              |
| 93.121      | I                | 54,138               | -                                | Oral Diseases and Disorders Research  | SUB00003472   | University of Florida                               |                              |
| 93.121      | I                | 94,405               | -                                | Oral Diseases and Disorders Research  | SUBK00012316 JAT  | University of Michigan Board of Regents             |                              |
| 93.121      | I                | 282,361              | -                                | Oral Diseases and Disorders Research  | UWSC12879 P057334   | University of Washington                            |                              |
| 93.124      | D                | 56,630               | -                                | Nurse Anesthetist Traineeship   |   |   |                              |
| 93.127      | D                | 548,745              | -                                | Emergency Medical Services for Children   |   |   |                              |
| 93.130      | D                | (10,607)             | -                                | Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices |   |   |                              |
| 93.135      | D                | 2023614              | (450)                            | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        |   |   |                              |
| 93.135      | I                | (1,068)              | -                                | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        | 8460SC  | University of California at San Francisco           |                              |
| 93.135      | D                | 1,221,764            | 33,166                           | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        |   |   |                              |
| 93.135      | I                | (788)                | -                                | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        | 661   | Pacific Institute for Research and Evalu            |                              |
| 93.136      | I                | 4,935                | -                                | Injury Prevention and Control Research and State and Community Based Programs                             | 712-7574  | Emma Pendleton Bradley Hospital                     |                              |
| 93.136      | I                | 22,052               | -                                | Injury Prevention and Control Research and State and Community Based Programs                             | WSU22102-A3   | Wayne St Univ                                       |                              |
| 93.136      | I                | 138,045              | -                                | Injury Prevention and Control Research and State and Community Based Programs                             | N/A   | Guilford County                                     |                              |
| 93.137      | I                | 2,298                | -                                | Community Programs to Improve Minority Health Grant Program   | Materials to Increase Minority Involvement in Clinical Trials (MIMICT)      | Rheumatology Research Foundation (America)          |                              |
| 93.137      | I                | 92,960               | -                                | Community Programs to Improve Minority Health Grant Program   | OMH-TIMELY  | Rheumatology Research Foundation (America)          |                              |
| 93.142      | I                | 17,491               | -                                | NIEHS Hazardous Waste Worker Health and Safety Training   | 21-2737   | Predictive, LLC                                     |                              |
| 93.142      | I                | 16,129               | -                                | NIEHS Hazardous Waste Worker Health and Safety Training   | AGT-22-00073  | Nanodiagnostic Technology, LLC                      |                              |
| 93.143      | D                | 3,790,592            | 795,832                          | NIEHS Superfund Hazardous Substances Basic Research and Education   |   |   |                              |
| 93.143      | I                | (8,788)              | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | 02-M1800350   | Texas A&M Univ.                                     |                              |
| 93.143      | I                | 23,625               | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | 303-000788  | Duke University                                     |                              |
| 93.143      | I                | (2,297)              | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | 5(GG013322-35)/G13709   | Columbia University                                 |                              |
| 93.143      | I                | (103)                | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | A03-3298  | Duke University                                     |                              |
| 93.143      | I                | 23,384               | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | A03-4494  | Duke University                                     |                              |
| 93.143      | I                | 32,376               | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | M1800350  | Texas A&M Univ.                                     |                              |
| 93.143      | I                | 384                  | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | M1800359  | Texas A and M University                            |                              |
| 93.143      | I                | 166,058              | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | M2301190  | Texas A and M University                            |                              |
| 93.143      | I                | (9,805)              | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | P0527A-A  | Oregon State Univ.                                  |                              |
| 93.143      | I                | 192,283              | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | PO-0000139879   | Louisiana State Univ                                |                              |
| 93.143      | I                | 38,888               | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | PO-0000143061   | Louisiana State Univ                                |                              |
| 93.143      | I                | 33,664               | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education   | WSU23012  | Wayne State University                              |                              |
| 93.145      | I                | 287,418              | -                                | HIV-Related Training and Technical Assistance   | VUMC56921   | Vanderbilt University                               |                              |
| 93.153      | D                | 690,412              | -                                | Coordinated Services and Access to Research for Women, Infants, Children, and Youth                       |   |   |                              |
| 93.153      | I                | 75,032               | -                                | Coordinated Services and Access to Research for Women, Infants, Children, and Youth                       | 309000019   | Duke University                                     |                              |
| 93.153      | I                | 89,489               | -                                | Coordinated Services and Access to Research for Women, Infants, Children, and Youth                       | 309000020   | Duke University                                     |                              |
| 93.153      | I                | 18,909               | -                                | Coordinated Services and Access to Research for Women, Infants, Children, and Youth                       | 3090153   | Duke University                                     |                              |
| 93.153      | I                | 849                  | -                                | Coordinated Services and Access to Research for Women, Infants, Children, and Youth                       | 3090154   | Duke University                                     |                              |
| 93.155      | D                | 1,216,810            | 220,858                          | Rural Health Research Centers   |   |   |                              |
| 93.155      | I                | (10)                 | -                                | Rural Health Research Centers   | 21-4384   | University of South Carolina (USC)                  |                              |
| 93.155      | I                | 24,572               | -                                | Rural Health Research Centers   | Provider Retention Information System Management (PRISM) Project 2021-2022. | National Rural Recruitment and Retention            |                              |
| 93.155      | I                | 122,780              | -                                | Rural Health Research Centers   | Provider Retention Information System Management (PRISM) Project 2022-2023. | National Rural Recruitment and Retention            |                              |
| 93.155      | I                | 21,902               | -                                | Rural Health Research Centers   | S02094-02   | University of Iowa                                  |                              |
| 93.155      | I                | 93,634               | -                                | Rural Health Research Centers   | S02094-03   | University of Iowa                                  |                              |
| 93.172      | D                | 10,496,957           | 3,026,006                        | Human Genome Research   |   |   |                              |
| 93.172      | I                | 166,090              | -                                | Human Genome Research   | 10059572-02-UNC   | University of Utah                                  |                              |
| 93.172      | I                | 122,352              | -                                | Human Genome Research   | 2173602   | University of Oregon                                |                              |
| 93.172      | I                | 42,229               | -                                | Human Genome Research   | 303000044   | Duke University                                     |                              |
| 93.172      | I                | (2,095)              | -                                | Human Genome Research   | 5848  | Rutgers the State University of New Jersey          |                              |
| 93.172      | I                | 162,319              | -                                | Human Genome Research   | 91094-Z0327201  | University of Maryland                              |                              |
| 93.172      | I                | 95,769               | -                                | Human Genome Research   | A03-2387  | Duke University                                     |                              |
| 93.172      | I                | 17,602               | -                                | Human Genome Research   | A033654   | Duke University                                     |                              |
| 93.172      | I                | 34,886               | -                                | Human Genome Research   | A034195   | Duke University                                     |                              |
| 93.172      | I                | 49,105               | -                                | Human Genome Research   | KK2306  | Univ Of Cal - Santa Barbara                         |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|---|---|---|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |   |   |   |                              |
| 93.172      | I                | 242,982              | -                         |  | Human Genome Research   | PO#826012/Sub# 1203   | Rutgers the State University of New Jersey      |                              |
| 93.172      | I                | 55,337               | -                         |  | Human Genome Research   | RES514720   | Case Western Reserve University                 |                              |
| 93.172      | I                | 132,231              | -                         |  | Human Genome Research   | RES516306   | Case Western Reserve University                 |                              |
| 93.172      | I                | 106,605              | -                         |  | Human Genome Research   | SCON-00003903   | University of Southern California (USC)         |                              |
| 93.172      | I                | 23,246               | -                         |  | Human Genome Research   | ULRF_21-0427-03   | University of Louisville                        |                              |
| 93.173      | D                | 4,004,674            | 781,918                   |  | Research Related to Deafness and Communication Disorders      |   |   |                              |
| 93.173      | I                | 53,631               | -                         |  | Research Related to Deafness and Communication Disorders      | 105235-18599  | University of Illinois at Urbana-Champaign      |                              |
| 93.173      | I                | 21,724               | -                         |  | Research Related to Deafness and Communication Disorders      | 2005334424  | Johns Hopkins University                        |                              |
| 93.173      | I                | 20,194               | -                         |  | Research Related to Deafness and Communication Disorders      | 2109403/ S354157  | University of Texas at Dallas                   |                              |
| 93.173      | I                | 88,071               | -                         |  | Research Related to Deafness and Communication Disorders      | 2121-1001-00-B/P000016772   | University of South Florida Tampa               |                              |
| 93.173      | I                | 43,769               | -                         |  | Research Related to Deafness and Communication Disorders      | 22-016889 A 00  | University of Massachusetts                     |                              |
| 93.173      | I                | 12,644               | -                         |  | Research Related to Deafness and Communication Disorders      | 317629/PO 3100810950  | Cincinnati Childrens Hospital Medical Ce        |                              |
| 93.173      | I                | 25,563               | -                         |  | Research Related to Deafness and Communication Disorders      | 800198  | Drexel University                               |                              |
| 93.173      | I                | 37,517               | (180)                     |  | Research Related to Deafness and Communication Disorders      | 96433-D/R01DC015056   | Boys Town National Research Hospital            |                              |
| 93.173      | I                | 47,122               | 400                       |  | Research Related to Deafness and Communication Disorders      | 96459-E   | Boys Town (Father Flanagan's Boys' Home)        |                              |
| 93.173      | I                | 36,101               | -                         |  | Research Related to Deafness and Communication Disorders      | A034578   | Duke University                                 |                              |
| 93.173      | I                | 39,955               | -                         |  | Research Related to Deafness and Communication Disorders      | AW/D001693-UNC  | Ann & Robert H Lurie Children's Hospital        |                              |
| 93.173      | I                | 23,362               | -                         |  | Research Related to Deafness and Communication Disorders      | FY2023-057  | University of Kansas Center for Research        |                              |
| 93.173      | I                | 8,510                | -                         |  | Research Related to Deafness and Communication Disorders      | GR124113 SPC10000053  | Ohio State University                           |                              |
| 93.173      | I                | 58,740               | -                         |  | Research Related to Deafness and Communication Disorders      | GRT-00304/CON-00000277  | Boys Town (Father Flanagan's Boys' Home)        |                              |
| 93.173      | I                | 28,827               | -                         |  | Research Related to Deafness and Communication Disorders      | GRT-00306/CON-00000277  | Boys Town National Research Hospital            |                              |
| 93.173      | I                | 8,223                | -                         |  | Research Related to Deafness and Communication Disorders      | S03485-01   | University of Iowa                              |                              |
| 93.173      | I                | 78,252               | -                         |  | Research Related to Deafness and Communication Disorders      | SPC-100006785/ GR128376   | Ohio State University                           |                              |
| 93.178      | D                | 543,123              | -                         |  | Nursing Workforce Diversity                                   |   |   |                              |
| 93.184      | I                | 2,143                | -                         |  | Disabilities Prevention                                       | ATHN2011001-IVN-2   | American Thrombosis and Hemostasis Network      |                              |
| 93.186      | D                | 241,692              | (44)                      |  | National Research Service Award in Primary Care Medicine      |   |   |                              |
| 93.191      | D                | 600,553              | -                         |  | Graduate Psychology Education                                 |   |   |                              |
| 93.211      | D                | 1,276,466            | 285,453                   |  | Telehealth Programs   |   |   |                              |
| 93.211      | I                | 10,542               | -                         |  | Telehealth Programs   | Health Resources and Service Administration Rural Opioid Communities Opioid Implementation Grant (RCORP Implementation Grant) | North Carolina Healthcare Quality Alliance      |                              |
| 93.213      | D                | 1,183,991            | 158,642                   |  | Research and Training in Complementary and Integrative Health |   |   |                              |
| 93.213      | I                | 2,500                | -                         |  | Research and Training in Complementary and Integrative Health | 000528180-SC003   | University of Alabama at Birmingham             |                              |
| 93.213      | I                | 61,015               | -                         |  | Research and Training in Complementary and Integrative Health | 05_UNC_05378IR 100256266  | Boston Medical Center                           |                              |
| 93.213      | I                | 20,428               | -                         |  | Research and Training in Complementary and Integrative Health | 05_UNC_05378NE43000723001   | Boston Medical Center                           |                              |
| 93.213      | I                | (5,789)              | -                         |  | Research and Training in Complementary and Integrative Health | 10049254-02;PO#U000250448   | Univ Of Utah                                    |                              |
| 93.213      | I                | 407,773              | -                         |  | Research and Training in Complementary and Integrative Health | 132416-SPC004778  | Washington State University                     |                              |
| 93.213      | I                | 757                  | -                         |  | Research and Training in Complementary and Integrative Health | 171186462/ 5678460  | University of Connecticut                       |                              |
| 93.213      | I                | 836                  | -                         |  | Research and Training in Complementary and Integrative Health | 22-127-100891-020   | Old Dominion University Research Fdn            |                              |
| 93.213      | I                | 5,367                | -                         |  | Research and Training in Complementary and Integrative Health | 23-140-100981-030   | Old Dominion University Research Fdn            |                              |
| 93.213      | I                | 58,346               | -                         |  | Research and Training in Complementary and Integrative Health | 303-000636  | Duke University                                 |                              |
| 93.213      | I                | 5,755                | -                         |  | Research and Training in Complementary and Integrative Health | 303000292   | Duke University                                 |                              |
| 93.213      | I                | 22,289               | -                         |  | Research and Training in Complementary and Integrative Health | 303001863   | Duke University                                 |                              |
| 93.213      | I                | 4,918                | -                         |  | Research and Training in Complementary and Integrative Health | 303001992   | Duke University                                 |                              |
| 93.213      | I                | 241,029              | -                         |  | Research and Training in Complementary and Integrative Health | 5378-UNCCH1-GAY-04A2 1003   | Boston Medical Center                           |                              |
| 93.213      | I                | 73,402               | -                         |  | Research and Training in Complementary and Integrative Health | 5378-UNCCH2ROT-04A1   | Boston Medical Center                           |                              |
| 93.213      | I                | 93,803               | -                         |  | Research and Training in Complementary and Integrative Health | 6480-UNCCH 04S1-01  | Boston Medical Center                           |                              |
| 93.213      | I                | (460)                | -                         |  | Research and Training in Complementary and Integrative Health | 7846  | Boston Medical Center                           |                              |
| 93.213      | I                | 126,227              | 22,460                    |  | Research and Training in Complementary and Integrative Health | 7846/ PO 4300723002   | Boston Medical Center                           |                              |
| 93.213      | I                | 253,710              | -                         |  | Research and Training in Complementary and Integrative Health | A18-0910-S003   | University of California Santa Cruz             |                              |
| 93.213      | I                | 5,741                | -                         |  | Research and Training in Complementary and Integrative Health | TACT2 TRIAL TO ACCESS CHELATIO  | Mount Sinai Medical Center                      |                              |
| 93.226      | D                | 2,218,313            | 654,250                   |  | Research on Healthcare Costs, Quality and Outcomes            |   |   |                              |
| 93.226      | I                | 68,870               | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | 2005771180  | Johns Hopkins University                        |                              |
| 93.226      | I                | (5,945)              | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | 2038755   | Duke University                                 |                              |
| 93.226      | I                | 100,744              | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | 417581G/URFAO:GR510927  | University of Rochester                         |                              |
| 93.226      | I                | 30,763               | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | 5002644610  | MedStar Health Research Institute               |                              |
| 93.226      | I                | 16,639               | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | AWD103442 (SUB000007  | University of Chicago                           |                              |
| 93.226      | I                | 38,459               | -                         |  | Research on Healthcare Costs, Quality and Outcomes            | SCON-00000462   | RAND Corporation                                |                              |
| 93.233      | D                | 20,629               | -                         |  | National Center on Sleep Disorders Research                   |   |   |                              |
| 93.233      | I                | 25,713               | -                         |  | National Center on Sleep Disorders Research                   | 2005352589  | Johns Hopkins University                        |                              |
| 93.233      | I                | 17,939               | -                         |  | National Center on Sleep Disorders Research                   | 21-A0-00-1006478 118604   | New York University School of Medicine          |                              |
| 93.241      | I                | 437,059              | -                         |  | State Rural Hospital Flexibility Program                      | P007036253  | University of Minnesota                         |                              |
| 93.241      | I                | 125,166              | -                         |  | State Rural Hospital Flexibility Program                      | PO10561253  | University of Minnesota                         |                              |
| 93.242      | D                | 33,966,810           | 5,626,701                 |  | Mental Health Research Grants                                 |   |   |                              |
| 93.242      | I                | 652                  | -                         |  | Mental Health Research Grants                                 | 1130  | Brown University                                |                              |
| 93.242      | I                | 115,838              | -                         |  | Mental Health Research Grants                                 | 000014266-E   | Childrens Hospital Los Angeles                  |                              |
| 93.242      | I                | 10,788               | -                         |  | Mental Health Research Grants                                 | 000518108-SC005   | The Board of Trustees of the University         |                              |
| 93.242      | I                | 1,676                | -                         |  | Mental Health Research Grants                                 | 000530967-SC002   | University of Alabama at Birmingham             |                              |
| 93.242      | I                | 14,735               | -                         |  | Mental Health Research Grants                                 | 0255-3351-4609  | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | 6,927                | -                         |  | Mental Health Research Grants                                 | 0255-3355-4609  | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | 21,245               | -                         |  | Mental Health Research Grants                                 | 0255-B711-4609  | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | (43,307)             | -                         |  | Mental Health Research Grants                                 | 10-NIH-1045   | Duke University                                 |                              |
| 93.242      | I                | 1,981                | -                         |  | Mental Health Research Grants                                 | 1017329/2/27890 PO#1  | Research Foundation for Mental Hygiene          |                              |
| 93.242      | I                | 18,796               | -                         |  | Mental Health Research Grants                                 | 126685  | Brigham and Women's Hospital                    |                              |
| 93.242      | I                | 32,697               | -                         |  | Mental Health Research Grants                                 | 127906  | Brigham and Women's Hospital                    |                              |
| 93.242      | I                | 18,780               | -                         |  | Mental Health Research Grants                                 | 13016SC   | University of California at San Francisco       |                              |
| 93.242      | I                | 33,317               | -                         |  | Mental Health Research Grants                                 | 13868SC   | University of California at San Francisco       |                              |
| 93.242      | I                | 32,667               | -                         |  | Mental Health Research Grants                                 | 1907499   | University of Texas at Dallas                   |                              |
| 93.242      | I                | 100,555              | -                         |  | Mental Health Research Grants                                 | 2(GG013838-01)SAPO G15847   | Columbia University Trustees                    |                              |
| 93.242      | I                | 4,982                | -                         |  | Mental Health Research Grants                                 | 2-312-0218223-67176L  | Research Triangle Institute (RTI International) |                              |
| 93.242      | I                | 28,917               | -                         |  | Mental Health Research Grants                                 | 2-312-0218622-67020L  | Research Triangle Institute (RTI International) |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                  | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|---|---|------------------------------|
| 93.242      | I                | 127,719              | -                                | Mental Health Research Grants   | 2021-2793   | Vizma Life Sciences                       |                              |
| 93.242      | I                | 9,923                | -                                | Mental Health Research Grants   | 223405562   | University of Wisconsin at Milwaukee      |                              |
| 93.242      | I                | 15,322               | -                                | Mental Health Research Grants   | 30006256-02   | Childrens Research Institute              |                              |
| 93.242      | I                | 9,448                | -                                | Mental Health Research Grants   | 303001979   | Duke University                           |                              |
| 93.242      | I                | 84,559               | -                                | Mental Health Research Grants   | 34337SUB53039 / PO#176592   | University of Vermont                     |                              |
| 93.242      | I                | 7                    | -                                | Mental Health Research Grants   | 416351  | University of Rochester                   |                              |
| 93.242      | I                | 47,479               | -                                | Mental Health Research Grants   | 417356G/URFAO GR510795  | University of Rochester                   |                              |
| 93.242      | I                | 65,756               | -                                | Mental Health Research Grants   | 583347/PO # 4955095   | Trustees of the Univ. of Pennsylvania     |                              |
| 93.242      | I                | 19,519               | -                                | Mental Health Research Grants   | 585946  | Trustees of the Univ. of Pennsylvania     |                              |
| 93.242      | I                | 25,839               | -                                | Mental Health Research Grants   | 62423031-164804   | Leland Stanford Junior University (LSJU)  |                              |
| 93.242      | I                | 314,008              | -                                | Mental Health Research Grants   | 7137547   | Rhode Island Hospital                     |                              |
| 93.242      | I                | 127,709              | -                                | Mental Health Research Grants   | 85339-20264205  | University of Maryland                    |                              |
| 93.242      | I                | (5,306)              | -                                | Mental Health Research Grants   | 9420SC  | University of California at San Francisco |                              |
| 93.242      | I                | 21,049               | -                                | Mental Health Research Grants   | A006759601/ A0067596R1  | University of Minnesota                   |                              |
| 93.242      | I                | 19,317               | -                                | Mental Health Research Grants   | A03-1588  | Duke University                           |                              |
| 93.242      | I                | 13,983               | -                                | Mental Health Research Grants   | A031713   | Duke University                           |                              |
| 93.242      | I                | 17,613               | -                                | Mental Health Research Grants   | A034572   | Duke University                           |                              |
| 93.242      | I                | 202,497              | -                                | Mental Health Research Grants   | A034582   | Duke University                           |                              |
| 93.242      | I                | 111,230              | -                                | Mental Health Research Grants   | A035001   | Duke University                           |                              |
| 93.242      | I                | (8,873)              | -                                | Mental Health Research Grants   | A15-0085-S002   | University of California at Davis (UCD)   |                              |
| 93.242      | I                | 128,356              | -                                | Mental Health Research Grants   | A21-1997-S001-A01   | University of California at Davis (UCD)   |                              |
| 93.242      | I                | 1,748                | -                                | Mental Health Research Grants   | A659038   | Emory University (EU)                     |                              |
| 93.242      | I                | 21,878               | -                                | Mental Health Research Grants   | A659038 (A413029)   | Emory University (EU)                     |                              |
| 93.242      | I                | 50,320               | -                                | Mental Health Research Grants   | A791962   | Emory University                          |                              |
| 93.242      | I                | 2,112                | -                                | Mental Health Research Grants   | AWD-004197-GR100768   | University of Virginia                    |                              |
| 93.242      | I                | 20,038               | -                                | Mental Health Research Grants   | AWD00002015(134205-2)   | University of Pittsburgh                  |                              |
| 93.242      | I                | 412,469              | 10,000                           | Mental Health Research Grants   | AWD00002915 (135171-2)  | University of Pittsburgh                  |                              |
| 93.242      | I                | 45,079               | -                                | Mental Health Research Grants   | CM00008793-00   | Research Foundation of the City Universi  |                              |
| 93.242      | I                | 117,955              | (95)                             | Mental Health Research Grants   | CNVA00061652 131408-4   | University of Pittsburgh                  |                              |
| 93.242      | I                | 369                  | -                                | Mental Health Research Grants   | CON-80003046 (GR113093)   | Yale University                           |                              |
| 93.242      | I                | 550,057              | 2,543                            | Mental Health Research Grants   | CON-80003675 (GR116229)   | Yale University                           |                              |
| 93.242      | I                | 136,276              | -                                | Mental Health Research Grants   | FY21.1056.001 / 2-5-A9224   | University of Colorado Denver             |                              |
| 93.242      | I                | 242,436              | -                                | Mental Health Research Grants   | GR103937 (CON-80001359)   | Yale University                           |                              |
| 93.242      | I                | 131                  | -                                | Mental Health Research Grants   | GR110975 (CON-80002786)   | Yale University                           |                              |
| 93.242      | I                | (3,017)              | -                                | Mental Health Research Grants   | IN4687131UNC  | Indiana University System                 |                              |
| 93.242      | I                | 73,328               | -                                | Mental Health Research Grants   | K003082-00-S01  | Kitware, Inc.                             |                              |
| 93.242      | I                | 199,235              | -                                | Mental Health Research Grants   | K003285-00-S01  | Kitware, Inc.                             |                              |
| 93.242      | I                | 93,102               | 300                              | Mental Health Research Grants   | KR704719  | University of California at San Diego     |                              |
| 93.242      | I                | 2,313                | -                                | Mental Health Research Grants   | Mechanisms of Risk and Resilience in ASD: Ontogeny, Phylogeny and Gene Disruption | Emory University (EU)                     |                              |
| 93.242      | I                | 54,528               | -                                | Mental Health Research Grants   | N007059101  | University of Minnesota                   |                              |
| 93.242      | I                | 28,413               | -                                | Mental Health Research Grants   | P007689002  | University of Minnesota                   |                              |
| 93.242      | I                | 487                  | -                                | Mental Health Research Grants   | PIN 2019-176NCSU  | Pinnacle Technology, Inc.                 |                              |
| 93.242      | I                | 277,170              | -                                | Mental Health Research Grants   | PIN 2022-176NCSU  | Pinnacle Technology, Inc.                 |                              |
| 93.242      | I                | 11,516               | -                                | Mental Health Research Grants   | R41MH123287   | Innovation Research and Training (IRT)    |                              |
| 93.242      | I                | 155,813              | -                                | Mental Health Research Grants   | RC112665N   | Michigan State University                 |                              |
| 93.242      | I                | 100,752              | -                                | Mental Health Research Grants   | RC112834C   | Michigan State University                 |                              |
| 93.242      | I                | 69,482               | -                                | Mental Health Research Grants   | RC113594NCSU  | Michigan State University                 |                              |
| 93.242      | I                | 4,842                | 4,842                            | Mental Health Research Grants   | SBIR-Tough Talks: A Disclosure Intervention for HIV+ YMSM                         | Virtually Better, Inc                     |                              |
| 93.242      | I                | 24,123               | -                                | Mental Health Research Grants   | SUB00000023   | University of Rochester                   |                              |
| 93.242      | I                | 42,432               | -                                | Mental Health Research Grants   | SUBK00017903/ 3007095373  | University of Michigan Ann Arbor          |                              |
| 93.242      | I                | 3,960                | -                                | Mental Health Research Grants   | Subaward No: 13673sc  | University Of California at San Francisco |                              |
| 93.242      | I                | 13,019               | -                                | Mental Health Research Grants   | VUMC 89072  | Vanderbilt University Medical Center      |                              |
| 93.242      | I                | 12,426               | -                                | Mental Health Research Grants   | VUMC106738  | Vanderbilt University Medical Center      |                              |
| 93.242      | I                | 924                  | -                                | Mental Health Research Grants   | VUMC108628  | Vanderbilt University Medical Center      |                              |
| 93.242      | I                | 7                    | -                                | Mental Health Research Grants   | WU-12-280/PO 2917859  | Washington University in Saint Louis      |                              |
| 93.242      | I                | 108,552              | -                                | Mental Health Research Grants   | WU-19-410/ PO# ST00000502   | Washington University in Saint Louis      |                              |
| 93.242      | I                | 436,045              | -                                | Mental Health Research Grants   | WU-19-411/ST00000503  | Washington University in Saint Louis      |                              |
| 93.242      | I                | 22,478               | -                                | Mental Health Research Grants   | WU-19-412/PO ST00000504   | Washington University in Saint Louis      |                              |
| 93.242      | I                | 6,924                | -                                | Mental Health Research Grants   | WU-21-2 ST00000510  | Washington University in Saint Louis      |                              |
| 93.242      | I                | 108,858              | -                                | Mental Health Research Grants   | WU-21-4/ PO ST00000512  | Washington University in Saint Louis      |                              |
| 93.242      | I                | 27,043               | -                                | Mental Health Research Grants   | WU-23-0406 ST00013019   | Washington University in Saint Louis      |                              |
| 93.243      | D                | 2,317,791            | 107,427                          | Substance Abuse and Mental Health Services Projects of Regional and National Significance |   |   |                              |
| 93.243      | I                | 90,006               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 1H79SM083941-01   | Dept of Health and Human Services         |                              |
| 93.243      | I                | 27,160               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 23-SA-50  | Sandhills Center                          |                              |
| 93.243      | I                | 101,415              | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 37205061  | Mecklenburg County Health Department      |                              |
| 93.243      | I                | 9,931                | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 788-UNCG  | Gallaudet University                      |                              |
| 93.243      | I                | 9,000                | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | A032722 2036635 45  | Duke University                           |                              |
| 93.243      | I                | 977                  | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | Carolina Alcohol and Drug Expansion Team (CADET) for Persons Living with HIV/AIDS | Duke University                           |                              |
| 93.243      | I                | 2,292                | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | UNC -SAMHSA-03  | County of Brunswick                       |                              |
| 93.243      | I                | 16,809               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | UNC -SAMHSA-05  | County of Brunswick                       |                              |
| 93.247      | D                | 1,340,817            | 306,425                          | Advanced Nursing Education Workforce Grant Program  |   |   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--|---|------------------------------|
| 93.250      | D                | 93,210               | -                                | Geriatric Academic Career Awards Department of Health and Human Services   |  |   |                              |
| 93.261      | I                | 71,444               | -                                | Scaling the National Diabetes Prevention Program to Priority Populations   | Leveraging Pharmacy Students to Screen for Prediabetes in the Community Pharmacy Setting | APhA Foundation                                 |                              |
| 93.262      | D                | 3,145,617            | 779,280                          | Occupational Safety and Health Program   |  |   |                              |
| 93.262      | I                | 7,614                | -                                | Occupational Safety and Health Program   | 3001-1406-15   | CPRW - The Center for Construction Resea        |                              |
| 93.262      | I                | 7,231                | -                                | Occupational Safety and Health Program   | 3200003624-23-079PO#7800006632   | Univ of Kentucky Research Found                 |                              |
| 93.262      | I                | 1,906                | -                                | Occupational Safety and Health Program   | 3210001811-21-242  | Univ Of Kentucky                                |                              |
| 93.262      | I                | 14,942               | -                                | Occupational Safety and Health Program   | 3210001811-22-134  | Univ Of Kentucky Res. Found.                    |                              |
| 93.262      | I                | 14,522               | -                                | Occupational Safety and Health Program   | 3210001811-22-135  | Univ Of Kentucky Res. Found.                    |                              |
| 93.262      | I                | 72,831               | -                                | Occupational Safety and Health Program   | AWD-21-0115-S005 & 3200002145-20-170   | University of Kentucky Research Foundation      |                              |
| 93.262      | I                | (14,376)             | -                                | Occupational Safety and Health Program   | PO0000100059/ 4885 1   | University of Rhode Island                      |                              |
| 93.266      | I                | 20,930               | -                                | Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency Plan for AIDS Relie | 1933   | Brown University                                |                              |
| 93.266      | I                | 21,996               | -                                | Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency Plan for AIDS Relie | 1946   | Brown University                                |                              |
| 93.273      | D                | 14,115,995           | 586,878                          | Alcohol Research Programs  |  |   |                              |
| 93.273      | I                | 18,063               | -                                | Alcohol Research Programs  | 1-312-0217134-65740L   | Research triangle institute                     |                              |
| 93.273      | I                | 280,806              | -                                | Alcohol Research Programs  | 1-340-0217732-66127L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | 55,409               | -                                | Alcohol Research Programs  | 2005379234   | Johns Hopkins University                        |                              |
| 93.273      | I                | 5,581                | -                                | Alcohol Research Programs  | 3-340-0215297-67247L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | 12,863               | -                                | Alcohol Research Programs  | 3-340-0216547-66526L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | 14,181               | -                                | Alcohol Research Programs  | 303001288  | Duke University                                 |                              |
| 93.273      | I                | (4,744)              | -                                | Alcohol Research Programs  | 55478  | Binghamton University                           |                              |
| 93.273      | I                | 16,598               | -                                | Alcohol Research Programs  | 60060439 UNC   | Northwestern University                         |                              |
| 93.273      | I                | 17,526               | -                                | Alcohol Research Programs  | A035509  | Duke University                                 |                              |
| 93.273      | I                | 77,520               | -                                | Alcohol Research Programs  | PO#P00496793/AWD00002201   | University of Pittsburgh                        |                              |
| 93.273      | I                | 2,574                | -                                | Alcohol Research Programs  | Role of Histamine H3 Receptors on Alcohol Responses                                      | Canadian Centre for Addiction and Mental        |                              |
| 93.279      | D                | 14,126,167           | 3,704,695                        | Drug Abuse and Addiction Research Programs   |  |   |                              |
| 93.279      | I                | 271,392              | -                                | Drug Abuse and Addiction Research Programs   | 1481   | Brown University                                |                              |
| 93.279      | I                | 35,255               | -                                | Drug Abuse and Addiction Research Programs   | 1902   | Brown University                                |                              |
| 93.279      | I                | (61)                 | -                                | Drug Abuse and Addiction Research Programs   | 1-312-0216046-65210L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | 10,689               | -                                | Drug Abuse and Addiction Research Programs   | 10056991-01  | University of Utah                              |                              |
| 93.279      | I                | 93,561               | -                                | Drug Abuse and Addiction Research Programs   | 1021-45117-11000000036   | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 22,632               | -                                | Drug Abuse and Addiction Research Programs   | 123125   | Brigham and Women's Hospital                    |                              |
| 93.279      | I                | 234,130              | -                                | Drug Abuse and Addiction Research Programs   | 123455C  | University of California at San Francisco       |                              |
| 93.279      | I                | 24,577               | -                                | Drug Abuse and Addiction Research Programs   | 1288-45120-1100000068  | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 19,659               | -                                | Drug Abuse and Addiction Research Programs   | 1425-4510411000000724  | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 57,076               | -                                | Drug Abuse and Addiction Research Programs   | 1562169 PO#1001662182  | Univ Of Colorado - Boulder                      |                              |
| 93.279      | I                | 3,621                | -                                | Drug Abuse and Addiction Research Programs   | 2-312-0216046-65212L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | (9,844)              | -                                | Drug Abuse and Addiction Research Programs   | 2-312-0216924-65603L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | (40,722)             | -                                | Drug Abuse and Addiction Research Programs   | 210247-0421-07   | Jackson Laboratory                              |                              |
| 93.279      | I                | 127,871              | -                                | Drug Abuse and Addiction Research Programs   | 210247-0623-07   | Jackson Laboratory                              |                              |
| 93.279      | I                | 15,132               | -                                | Drug Abuse and Addiction Research Programs   | 3-312-0216046-65211L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | 37,406               | -                                | Drug Abuse and Addiction Research Programs   | 417654G/URFAO.GR510988   | University of Rochester                         |                              |
| 93.279      | I                | 27,280               | -                                | Drug Abuse and Addiction Research Programs   | 417870-G URFAOGR511144   | University of Rochester                         |                              |
| 93.279      | I                | (86)                 | -                                | Drug Abuse and Addiction Research Programs   | 4500004027   | Boston University Board of Trustees             |                              |
| 93.279      | I                | (1,583)              | -                                | Drug Abuse and Addiction Research Programs   | 5071-S01   | Actuated Medical, Inc (AMI)                     |                              |
| 93.279      | I                | 52,271               | -                                | Drug Abuse and Addiction Research Programs   | 705059   | University of California at San Diego           |                              |
| 93.279      | I                | 9,224                | -                                | Drug Abuse and Addiction Research Programs   | 7147185LBR   | Miriam Hospital                                 |                              |
| 93.279      | I                | 12,901               | -                                | Drug Abuse and Addiction Research Programs   | 7147185LM  | Miriam Hospital                                 |                              |
| 93.279      | I                | 174,875              | -                                | Drug Abuse and Addiction Research Programs   | A03-5587   | Duke University                                 |                              |
| 93.279      | I                | 194,504              | -                                | Drug Abuse and Addiction Research Programs   | A032001  | Duke University                                 |                              |
| 93.279      | I                | (13)                 | -                                | Drug Abuse and Addiction Research Programs   | A033612  | Duke University                                 |                              |
| 93.279      | I                | 17,474               | -                                | Drug Abuse and Addiction Research Programs   | A035140  | Duke University                                 |                              |
| 93.279      | I                | 121,110              | -                                | Drug Abuse and Addiction Research Programs   | ASUB00001228   | Arizona State University                        |                              |
| 93.279      | I                | 48,441               | -                                | Drug Abuse and Addiction Research Programs   | AWD00000068 (132578-5)   | University of Pittsburgh                        |                              |
| 93.279      | I                | 26,524               | -                                | Drug Abuse and Addiction Research Programs   | AWD6300 (138503-3)   | University of Pittsburgh                        |                              |
| 93.279      | I                | 46,756               | -                                | Drug Abuse and Addiction Research Programs   | AWD6300 (138503-3)   | Yale University                                 |                              |
| 93.279      | I                | 41,404               | (2,000)                          | Drug Abuse and Addiction Research Programs   | COM-80003715 (GR1165915)   | Yale University                                 |                              |
| 93.279      | I                | 15,264               | -                                | Drug Abuse and Addiction Research Programs   | COM-80003715 (GR116595)  | Yale University                                 |                              |
| 93.279      | I                | 351,191              | -                                | Drug Abuse and Addiction Research Programs   | GB10546 PO #2126807  | University of Virginia                          |                              |
| 93.279      | I                | 134,784              | -                                | Drug Abuse and Addiction Research Programs   | GB10809 PO#2260692   | Univ Of Virginia                                |                              |
| 93.279      | I                | 30,692               | -                                | Drug Abuse and Addiction Research Programs   | GR122791/SPC-1000004849  | Ohio State University                           |                              |
| 93.279      | I                | 73,361               | -                                | Drug Abuse and Addiction Research Programs   | GR124248   | Ohio State University                           |                              |
| 93.279      | I                | 251,892              | -                                | Drug Abuse and Addiction Research Programs   | GR235359/ SPC-1000005650   | Ohio State University                           |                              |
| 93.279      | I                | 37,225               | (280)                            | Drug Abuse and Addiction Research Programs   | KK2275   | Univ Of Cal - Santa Barbara                     |                              |
| 93.279      | I                | 85,037               | -                                | Drug Abuse and Addiction Research Programs   | KR 704805  | University of California at San Diego           |                              |
| 93.279      | I                | 98,189               | -                                | Drug Abuse and Addiction Research Programs   | KR 704917  | University of California at San Diego           |                              |
| 93.279      | I                | 15,074               | -                                | Drug Abuse and Addiction Research Programs   | R01DA050696-S2UNC  | Avera Health                                    |                              |
| 93.279      | I                | 7,971                | -                                | Drug Abuse and Addiction Research Programs   | RGF012667-A  | CHDFrens Hospital Los Angeles                   |                              |
| 93.279      | I                | 48,625               | 2,000                            | Drug Abuse and Addiction Research Programs   | S20-01277  | NYU Medical Center                              |                              |
| 93.279      | I                | 1,608                | -                                | Drug Abuse and Addiction Research Programs   | SBIR: Development and Evaluation of a Higher Power IACS Device for the Treatment of SUD  | Pivninar Neuro LLC                              |                              |
| 93.279      | I                | 66,204               | -                                | Drug Abuse and Addiction Research Programs   | SBIR: Genomic Mapping Platform to Measure Acute Transcriptional Response Dynamics        | EpiCypher, Inc.                                 |                              |
| 93.279      | I                | 67,088               | -                                | Drug Abuse and Addiction Research Programs   | Subaward No: 21-A0-S1-007258   | New York University School of Medicine          |                              |
| 93.283      | D                | 44,075               | -                                | Centers for Disease Control and Prevention Investigations and Technical Assistance   | UCHC7-148747516  | University of Connecticut Health Center         |                              |
| 93.283      | I                | (2,009)              | -                                | Centers for Disease Control and Prevention Investigations and Technical Assistance   | 16011-1 55   | Association of State and Territorial Hea        |                              |
| 93.283      | I                | (800)                | -                                | Centers for Disease Control and Prevention Investigations and Technical Assistance   | S3810-26/28  | Association of Schools of Public Health         |                              |
| 93.286      | D                | 5,532,426            | 1,174,535                        | Discovery and Applied Research for Technological Innovations to Improve Human Health   |  |   |                              |

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Schedule of Expenditures of Federal Awards (Detail)

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | Pass-Through Entity Number  | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|---|---|------------------------------|
|             |                  |                      | Provided to Subrecipients | ALN Program Title  |   |   |                              |
| 93.286      | I                | 106,950              | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | 1090608-456797  | Carnegie Mellon Univ                            |                              |
| 93.286      | I                | (710)                | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | 13-1854   | Cell Microsystems, Inc.                         |                              |
| 93.286      | I                | 384                  | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | 14-3473   | Cell Microsystems, Inc.                         |                              |
| 93.286      | I                | 52,934               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | 20-0732-001   | Ball State University                           |                              |
| 93.286      | I                | 50,437               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | A23-0012-S001   | University of Tennessee at Knoxville (UT)       |                              |
| 93.286      | I                | 111,817              | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | K003169-00-S01  | Kitware, Inc.                                   |                              |
| 93.286      | I                | 235,383              | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | KK1944  | Univ of CA at Santa Barbara                     |                              |
| 93.286      | I                | 10,124               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | SBIR: A preclinical multi-modal system for dynamic noninvasive assessment of liver disease            | Sonovol, LLC                                    |                              |
| 93.286      | I                | 40,244               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | SBIR: Development of LED Photoredox Radiolabeling Device  | LED Radiofluidics Corporation                   |                              |
| 93.286      | I                | 20,116               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | SBIR: MEMS-enhanced solid-phase isothermal amplification for rapid, multiplexed molecular diagnostics | Redbud Labs                                     |                              |
| 93.286      | I                | 108,333              | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | THE-282677 PO 68564775  | Mayo Clinic                                     |                              |
| 93.286      | I                | 46,402               | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | THE-282677 PO 693928  | Mayo Clinic                                     |                              |
| 93.286      | I                | 37                   | -                         | Discovery and Applied Research for Technological Innovations to Improve Human Health                       | UNIV 58419/2186-0163  | Vanderbilt University Medical Center            |                              |
| 93.300      | D                | 881,559              | (750)                     | National Center for Health Workforce Analysis  |   |   |                              |
| 93.307      | D                | 11,623,713           | 2,601,747                 | Minority Health and Health Disparities Research  |   |   |                              |
| 93.307      | I                | 9,956                | -                         | Minority Health and Health Disparities Research  | 127887 G003655  | USDHHS via Washington State University          |                              |
| 93.307      | I                | 7,392                | -                         | Minority Health and Health Disparities Research  | 13136001  | University of Central Florida (UCF)             |                              |
| 93.307      | I                | (4,925)              | -                         | Minority Health and Health Disparities Research  | 16-2910/PO2000005316  | University of South Carolina (USC)              |                              |
| 93.307      | I                | 77,277               | -                         | Minority Health and Health Disparities Research  | 303000923   | Duke University                                 |                              |
| 93.307      | I                | 36,827               | -                         | Minority Health and Health Disparities Research  | 31106A P0924275   | Albert Einstein College of Medicine Inc         |                              |
| 93.307      | I                | 54,039               | -                         | Minority Health and Health Disparities Research  | 55540-ECU PO G22901046  | University of Arkansas For Medical Sciences     |                              |
| 93.307      | I                | 109,030              | -                         | Minority Health and Health Disparities Research  | 575095  | Trustees of the Univ. of Pennsylvania           |                              |
| 93.307      | I                | 15,355               | -                         | Minority Health and Health Disparities Research  | 900141-2  | Drexel University                               |                              |
| 93.307      | I                | 110,378              | -                         | Minority Health and Health Disparities Research  | A22-0777  | Equiti Foods, LLC                               |                              |
| 93.307      | I                | 28,943               | -                         | Minority Health and Health Disparities Research  | A523979   | Emory University (EU)                           |                              |
| 93.307      | I                | 26,474               | -                         | Minority Health and Health Disparities Research  | A767073   | Emory University (EU)                           |                              |
| 93.307      | I                | 10,717               | -                         | Minority Health and Health Disparities Research  | GB10826 PO 2265647  | University of Virginia                          |                              |
| 93.307      | I                | 50,791               | -                         | Minority Health and Health Disparities Research  | R000002853  | Florida State University                        |                              |
| 93.307      | I                | 9,463                | -                         | Minority Health and Health Disparities Research  | WU-23-0226/PO ST00011607  | Washington Univ                                 |                              |
| 93.310      | D                | 13,335,534           | 5,160,025                 | Trans-NIH Research Support   |   |   |                              |
| 93.310      | I                | (13,645)             | -                         | Trans-NIH Research Support   | 1706  | Brown University                                |                              |
| 93.310      | I                | 22,570               | -                         | Trans-NIH Research Support   | 01612-14297   | Saint Louis University                          |                              |
| 93.310      | I                | 13,465               | -                         | Trans-NIH Research Support   | 1090672-461669  | Carnegie Mellon University (CMU)                |                              |
| 93.310      | I                | 16,838               | -                         | Trans-NIH Research Support   | 111595809 (S9002160)  | University of California at San Diego           |                              |
| 93.310      | I                | 62,894               | -                         | Trans-NIH Research Support   | 123629C   | University of California at San Francisco       |                              |
| 93.310      | I                | 81,664               | -                         | Trans-NIH Research Support   | 1236-45117-1100000004   | Wake Forest Univ Health Sciences                |                              |
| 93.310      | I                | 47,400               | -                         | Trans-NIH Research Support   | 16-A0-00-006256   | NYU Medical Center                              |                              |
| 93.310      | I                | 9,920                | -                         | Trans-NIH Research Support   | 16-A0-00006256/ M19018955   | NYU Medical Center                              |                              |
| 93.310      | I                | 9,820                | -                         | Trans-NIH Research Support   | 1837-45103-11000001469  | Wake Forest Univ Hlth Sciences                  |                              |
| 93.310      | I                | 1,558,936            | -                         | Trans-NIH Research Support   | 19-A0-00-1003237  | New York University School of Medicine          |                              |
| 93.310      | I                | (76,004)             | -                         | Trans-NIH Research Support   | 2004970830  | Johns Hopkins University                        |                              |
| 93.310      | I                | 68,262               | -                         | Trans-NIH Research Support   | 2005487027  | Johns Hopkins University                        |                              |
| 93.310      | I                | 19,734               | -                         | Trans-NIH Research Support   | 22-4437   | National Alliance for Hispanic Health           |                              |
| 93.310      | I                | 984                  | -                         | Trans-NIH Research Support   | 3003124659  | University of Michigan (UMICH)                  |                              |
| 93.310      | I                | 598,298              | -                         | Trans-NIH Research Support   | 303000105   | Duke Univ                                       |                              |
| 93.310      | I                | 174,095              | -                         | Trans-NIH Research Support   | 303001139   | Duke University                                 |                              |
| 93.310      | I                | 96,808               | -                         | Trans-NIH Research Support   | 5001316-5500001793  | Broad Institute                                 |                              |
| 93.310      | I                | 17,795               | -                         | Trans-NIH Research Support   | 5001441   | Women and Infants Hospital of Rhode Isla        |                              |
| 93.310      | I                | 1,252,883            | -                         | Trans-NIH Research Support   | 62790122-233304 5475209   | Leland Stanford Junior University (LSJU)        |                              |
| 93.310      | I                | 45,208               | -                         | Trans-NIH Research Support   | 900168  | Drexel University                               |                              |
| 93.310      | I                | 50,264               | -                         | Trans-NIH Research Support   | 900244 U0269165   | Drexel University                               |                              |
| 93.310      | I                | 8,614,711            | 300                       | Trans-NIH Research Support   | A03-5081  | Duke University                                 |                              |
| 93.310      | I                | 34,734               | -                         | Trans-NIH Research Support   | A03-5219  | Duke University                                 |                              |
| 93.310      | I                | (145,828)            | -                         | Trans-NIH Research Support   | A031918   | Duke University                                 |                              |
| 93.310      | I                | 19,943               | -                         | Trans-NIH Research Support   | F2025-03 PO# IB00672326   | New York University                             |                              |
| 93.310      | I                | 42,284               | -                         | Trans-NIH Research Support   | FY22.253.002  | University of Colorado Denver                   |                              |
| 93.310      | I                | 132,151              | 97,453                    | Trans-NIH Research Support   | GR11819(CON-80002846)   | Yale University                                 |                              |
| 93.310      | I                | 1,744                | -                         | Trans-NIH Research Support   | R902  | Dartmouth College                               |                              |
| 93.310      | I                | 58,507               | -                         | Trans-NIH Research Support   | S007577-01  | Stellenbosch University                         |                              |
| 93.310      | I                | 49,130               | -                         | Trans-NIH Research Support   | SUB00000417/ CR532982   | University of Rochester                         |                              |
| 93.310      | I                | 5,111                | -                         | Trans-NIH Research Support   | TUL-HSC-558484-20/21  | Tulane University                               |                              |
| 93.315      | I                | 4,615                | -                         | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217091-65696L  | Research Triangle Institute (RTI International) |                              |
| 93.315      | I                | 4,013                | -                         | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217093-65695L  | Research Triangle Institute (RTI International) |                              |
| 93.315      | I                | 39,554               | -                         | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217095-65698L  | Research Triangle Institute (RTI International) |                              |
| 93.326      | I                | 15,112               | -                         | Strengthening Public Health through Surveillance, Epidemiologic Research, Disease Detection and Prevention | SUB000003038  | University of Florida                           |                              |
| 93.326      | I                | 25,594               | -                         | Strengthening Public Health through Surveillance, Epidemiologic Research, Disease Detection and Prevention | SUB000003429  | University of Florida                           |                              |
| 93.350      | D                | 14,901,543           | 3,522,137                 | National Center for Advancing Translational Sciences   |   |   |                              |
| 93.350      | I                | 32,874               | -                         | National Center for Advancing Translational Sciences   | 000518169-SC007   | University of Alabama at Birmingham             |                              |
| 93.350      | I                | 45,969               | -                         | National Center for Advancing Translational Sciences   | 1-312-0217703-66380L  | Research Triangle Institute (RTI International) |                              |
| 93.350      | I                | 19,255               | -                         | National Center for Advancing Translational Sciences   | 12867SUB  | Seattle Children's Hospital                     |                              |
| 93.350      | I                | 4,884                | -                         | National Center for Advancing Translational Sciences   | 1598  | Univ Of Wisconsin- Madison                      |                              |
| 93.350      | I                | 846                  | -                         | National Center for Advancing Translational Sciences   | 1599  | Univ Of Wisconsin- Madison                      |                              |
| 93.350      | I                | 1,213                | -                         | National Center for Advancing Translational Sciences   | 169780/169776   | University of Texas Health Science Cente        |                              |
| 93.350      | I                | 125,556              | -                         | National Center for Advancing Translational Sciences   | 2004376928  | Johns Hopkins University                        |                              |
| 93.350      | I                | 54,149               | -                         | National Center for Advancing Translational Sciences   | 2354  | Univ Of Wisconsin- Madison                      |                              |
| 93.350      | I                | 64,007               | -                         | National Center for Advancing Translational Sciences   | 2355  | Univ Of Wisconsin- Madison                      |                              |



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Schedule of Expenditures of Federal Awards (Detail)

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                    | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|---|---|------------------------------|
| 93.350      | I                | 28,234               | -                                | National Center for Advancing Translational Sciences  | 303000721   | Duke University                             |                              |
| 93.350      | I                | 53,601               | -                                | National Center for Advancing Translational Sciences  | 303000722   | Duke University                             |                              |
| 93.350      | I                | 70,591               | -                                | National Center for Advancing Translational Sciences  | 303001487   | Duke University                             |                              |
| 93.350      | I                | 9,557                | -                                | National Center for Advancing Translational Sciences  | 4500004193  | Boston University Board of Trustees         |                              |
| 93.350      | I                | 8,249                | -                                | National Center for Advancing Translational Sciences  | 4500004608  | Boston University Board of Trustees         |                              |
| 93.350      | I                | 15,885               | -                                | National Center for Advancing Translational Sciences  | 5017091-SERV  | Tufts Medical Center                        |                              |
| 93.350      | I                | 16,906               | -                                | National Center for Advancing Translational Sciences  | 5017110-SERV  | Tufts Medical Center                        |                              |
| 93.350      | I                | 24,120               | -                                | National Center for Advancing Translational Sciences  | 705537  | Univ Of California - San Diego              |                              |
| 93.350      | I                | (43,457)             | -                                | National Center for Advancing Translational Sciences  | A031874   | Duke University                             |                              |
| 93.350      | I                | 41,348               | -                                | National Center for Advancing Translational Sciences  | FY22.1126.001   | University of Colorado Denver               |                              |
| 93.350      | I                | 450,645              | 258,750                          | National Center for Advancing Translational Sciences  | FY22.1126.042   | University of Colorado Denver               |                              |
| 93.350      | I                | (51,331)             | -                                | National Center for Advancing Translational Sciences  | P0503A-A  | Oregon State University                     |                              |
| 93.350      | I                | 295,228              | -                                | National Center for Advancing Translational Sciences  | SBIR: InflammaGut: a drug-screenable co-culture system using gut-associated lymphocytes and autologous primary human gut epithelium that reports inflammation | Altis Biosystems, Inc. (formerly Altis B)   |                              |
| 93.350      | I                | 168,605              | -                                | National Center for Advancing Translational Sciences  | SBIR: Therapy of Pulmonary Diseases with Peptide-Oligonucleotide Conjugates and Small Molecule Enhancing Compounds  | Initos Pharmaceuticals, LLC                 |                              |
| 93.350      | I                | 262,165              | -                                | National Center for Advancing Translational Sciences  | WU-23-0346 ST00011606   | Washington University in Saint Louis        |                              |
| 93.350      | I                | 6,646                | -                                | National Center for Advancing Translational Sciences  | WU-24-0024 PO ST00015827  | Washington University in Saint Louis        |                              |
| 93.351      | D                | 4,935,768            | -                                | Research Infrastructure Programs  |   |   |                              |
| 93.351      | I                | 4,978                | -                                | Research Infrastructure Programs  | 1R43OD034168-01   | Vizma Life Sciences                         |                              |
| 93.353      | D                | 2,287,291            | 674,940                          | 21st Century Cures Act - Beau Biden Cancer Moonshot   |   |   |                              |
| 93.353      | I                | 23,341               | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 000526841-SC002   | University of Alabama at Birmingham         |                              |
| 93.353      | I                | 11,168               | (1,750)                          | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 1001837485  | University of Iowa                          |                              |
| 93.353      | I                | 84,837               | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 11001337-027  | Purdue University                           |                              |
| 93.353      | I                | 81,587               | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 30004929-01   | Childrens Research Institute                |                              |
| 93.353      | I                | 79,694               | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 30004929-02   | Childrens Research Institute                |                              |
| 93.353      | I                | 4,151                | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 3001688155  | University of Texas MD Anderson Cancer C    |                              |
| 93.353      | I                | 36,448               | -                                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 303001421   | Duke University                             |                              |
| 93.354      | I                | 14,663               | -                                | Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response                       | 23-3263   | Granville-Vance District Health Department  |                              |
| 93.359      | D                | 1,118,991            | 158,918                          | Nurse Education, Practice Quality and Retention Grants  |   |   |                              |
| 93.359      | I                | (824)                | -                                | Nurse Education, Practice Quality and Retention Grants  | FP00007763_SA005  | Virginia Commonwealth University (VCU)      |                              |
| 93.360      | I                | 10,398               | -                                | Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development                       | PTK0796-PEDPK-20110   | Paratek Pharmaceuticals Inc                 |                              |
| 93.361      | D                | 2,379,670            | 337,744                          | Nursing Research  |   |   |                              |
| 93.361      | I                | 108,210              | -                                | Nursing Research  | 000527573-SC001   | University of Alabama at Birmingham         |                              |
| 93.361      | I                | 43,833               | -                                | Nursing Research  | 1089-45117-11000000001  | Wake Forest Univ Health Sciences            |                              |
| 93.361      | I                | 116,618              | -                                | Nursing Research  | 19-3793/PO#2000043163   | University of South Carolina                |                              |
| 93.361      | I                | 20,136               | -                                | Nursing Research  | 1900 G LA889  | Regents of the University of California     |                              |
| 93.361      | I                | 6,874                | -                                | Nursing Research  | 2(GG017761-01)  | Columbia University Trustees                |                              |
| 93.361      | I                | 11,635               | -                                | Nursing Research  | 203-8505  | Duke University                             |                              |
| 93.361      | I                | 4,726                | -                                | Nursing Research  | 2034963   | Duke University                             |                              |
| 93.361      | I                | 7,687                | -                                | Nursing Research  | 2038886   | Duke University                             |                              |
| 93.361      | I                | 10,538               | -                                | Nursing Research  | 304482/PO3100811606   | Children's Hospital Med Center              |                              |
| 93.361      | I                | 45,192               | -                                | Nursing Research  | 346-45117-1000055001  | Wake Forest Univ Health Sciences            |                              |
| 93.361      | I                | 10,517               | -                                | Nursing Research  | 5111621-1   | Boston College (BC)                         |                              |
| 93.361      | I                | 131,284              | -                                | Nursing Research  | A03-5517  | Duke University                             |                              |
| 93.361      | I                | 12,912               | -                                | Nursing Research  | A031828   | Duke University                             |                              |
| 93.361      | I                | 23,896               | -                                | Nursing Research  | A033333   | Duke Univ                                   |                              |
| 93.361      | I                | 848                  | -                                | Nursing Research  | FY22.105.002_AMD4   | University of Colorado Denver               |                              |
| 93.361      | I                | 29,820               | -                                | Nursing Research  | FY22.105.010  | University of Colorado Denver               |                              |
| 93.361      | I                | 75,047               | -                                | Nursing Research  | FY23.105.004_AMD5   | University of Colorado Denver               |                              |
| 93.361      | I                | 363,850              | -                                | Nursing Research  | OS0000947/PO#SPC-002935   | University of Miami                         |                              |
| 93.361      | I                | 109,205              | -                                | Nursing Research  | OS0000948 SPC002918   | University of Miami                         |                              |
| 93.361      | I                | 4,334                | -                                | Nursing Research  | PO 75322/ UWSC14676   | University of Washington                    |                              |
| 93.361      | I                | 72,546               | -                                | Nursing Research  | UWSC13042/1R01NR019268-01A1   | University of Washington                    |                              |
| 93.365      | I                | 2,368                | -                                | Sickle Cell Treatment Demonstration Program   | 000532208-SC009   | University of Alabama at Birmingham         |                              |
| 93.365      | I                | 46,259               | -                                | Sickle Cell Treatment Demonstration Program   | 000532208-SC009-A01   | University of Alabama at Birmingham         |                              |
| 93.368      | I                | 7,379                | -                                | 21st Century Cures Act - Precision Medicine Initiative  | N/A   | American Association of Colleges of Nursing |                              |
| 93.378      | I                | 277,962              | -                                | Integrated Care for Kids Model  | 309000006   | Duke University                             |                              |
| 93.378      | I                | 161,505              | -                                | Integrated Care for Kids Model  | 309000032   | Duke University                             |                              |
| 93.391      | I                | 320,039              | -                                | Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crisis: | 41690796  | Mecklenburg County Health Department        |                              |
| 93.393      | D                | 20,121,742           | 5,219,284                        | Cancer Cause and Prevention Research  |   |   |                              |
| 93.393      | I                | 26,540               | -                                | Cancer Cause and Prevention Research  | 000527577-SC008   | The Board of Trustees of the University     |                              |
| 93.393      | I                | 1,348                | -                                | Cancer Cause and Prevention Research  | 000527577-SC008   | University of Alabama at Birmingham         |                              |
| 93.393      | I                | 80,331               | -                                | Cancer Cause and Prevention Research  | 10058539-01 U000346   | University of Utah                          |                              |
| 93.393      | I                | 163,192              | -                                | Cancer Cause and Prevention Research  | 10058539-01 U000401998  | University of Utah                          |                              |
| 93.393      | I                | (650)                | -                                | Cancer Cause and Prevention Research  | 115-9341-UNC-01   | Kaiser Foundation Research Institute        |                              |
| 93.393      | I                | 43,067               | -                                | Cancer Cause and Prevention Research  | 13498SC   | University of California at San Francisco   |                              |
| 93.393      | I                | 11,818               | -                                | Cancer Cause and Prevention Research  | 13816sc   | University of California at San Francisco   |                              |
| 93.393      | I                | 27,366               | -                                | Cancer Cause and Prevention Research  | 1840 / PO1463014  | Rutgers The State University of New Jersey  |                              |
| 93.393      | I                | 22,274               | -                                | Cancer Cause and Prevention Research  | 201603696-08/A18-0177-500   | University of California at Davis (UCD)     |                              |
| 93.393      | I                | 809                  | -                                | Cancer Cause and Prevention Research  | 203-0297  | Duke University                             |                              |
| 93.393      | I                | 31,458               | -                                | Cancer Cause and Prevention Research  | 204561UNC   | University of Notre Dame                    |                              |
| 93.393      | I                | 18,078               | -                                | Cancer Cause and Prevention Research  | 21-0702/PO4550982623  | Duke University                             |                              |
| 93.393      | I                | 7,088                | -                                | Cancer Cause and Prevention Research  | 210853-UNCW-05  | Kaiser Foundation Research Institute        |                              |
| 93.393      | I                | 27,640               | -                                | Cancer Cause and Prevention Research  | 22-0986   | AccuNovo Biotechnologies Inc                |                              |
| 93.393      | I                | (45)                 | -                                | Cancer Cause and Prevention Research  | 3004700015/PO3005744972   | University of Michigan (UMICH)              |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                       | Pass-Through Entity Number                               | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|--|--|------------------------------|
| 93.393      | I                | 4,385                | -                                | Cancer Cause and Prevention Research    | 3006632396 - 3004700015                                  | University of Michigan (UMICH)             |                              |
| 93.393      | I                | 211,816              | 60,451                           | Cancer Cause and Prevention Research    | 3RCQ4  | University of New Mexico at Albuquerque    |                              |
| 93.393      | I                | 121,529              | -                                | Cancer Cause and Prevention Research    | 425038_GR424901-UNC                                      | Georgetown University                      |                              |
| 93.393      | I                | 160,102              | 616                              | Cancer Cause and Prevention Research    | 497-32751-10000550124                                    | Wake Forest University                     |                              |
| 93.393      | I                | (977)                | -                                | Cancer Cause and Prevention Research    | 55-8002-01   | SUNY Buffalo Roswell Park Cancer Institute |                              |
| 93.393      | I                | 60,128               | -                                | Cancer Cause and Prevention Research    | 555-45117-10000555115                                    | Wake Forest University Health Sciences     |                              |
| 93.393      | I                | 111,896              | -                                | Cancer Cause and Prevention Research    | 576656/PO#4933336  | Trustees of the Univ. of Pennsylvania      |                              |
| 93.393      | I                | 6,317                | -                                | Cancer Cause and Prevention Research    | 705361   | University of California at San Diego      |                              |
| 93.393      | I                | 61,064               | -                                | Cancer Cause and Prevention Research    | A01749-16641   | Saint Louis University                     |                              |
| 93.393      | I                | 23,332               | -                                | Cancer Cause and Prevention Research    | A035175  | Duke University                            |                              |
| 93.393      | I                | 103,696              | -                                | Cancer Cause and Prevention Research    | A21-0071-S002  | Medical University of South Carolina       |                              |
| 93.393      | I                | 345,878              | -                                | Cancer Cause and Prevention Research    | A22-1534-S008  | University of California at Davis (UCD)    |                              |
| 93.393      | I                | (1)                  | -                                | Cancer Cause and Prevention Research    | AGR20160253  | Becton Dickinson (BD) and Company          |                              |
| 93.393      | I                | (20)                 | -                                | Cancer Cause and Prevention Research    | BD525563   | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.393      | I                | 7,955                | -                                | Cancer Cause and Prevention Research    | C21881527  | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.393      | I                | 7,586                | -                                | Cancer Cause and Prevention Research    | C21900541  | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.393      | I                | 44,723               | -                                | Cancer Cause and Prevention Research    | C22340232  | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.393      | I                | 1,139                | -                                | Cancer Cause and Prevention Research    | CA142081   | Duke University                            |                              |
| 93.393      | I                | 18,226               | -                                | Cancer Cause and Prevention Research    | CF23209065   | Cleveland Clinic Lerner College of Medic   |                              |
| 93.393      | I                | 7,520                | -                                | Cancer Cause and Prevention Research    | CON-80002965 (GR112429)                                  | Yale University                            |                              |
| 93.393      | I                | 13,706               | -                                | Cancer Cause and Prevention Research    | CRA / SCR / 2019 / 8                                     | International Agency Research on Cancer    |                              |
| 93.393      | I                | 575,195              | -                                | Cancer Cause and Prevention Research    | CRA SCR 2018-28  | International Agency Research on Cancer    |                              |
| 93.393      | I                | (866)                | -                                | Cancer Cause and Prevention Research    | E0012914   | University of Illinois at Chicago (UIC)    |                              |
| 93.393      | I                | (4,401)              | -                                | Cancer Cause and Prevention Research    | FP00003673_SA001   | Virginia Commonwealth University (VCU)     |                              |
| 93.393      | I                | 2,692                | -                                | Cancer Cause and Prevention Research    | FP00008961_SA001   | Virginia Commonwealth Univ                 |                              |
| 93.393      | I                | (3,122)              | -                                | Cancer Cause and Prevention Research    | FY16.804.001   | University of Colorado Denver              |                              |
| 93.393      | I                | 10,365               | -                                | Cancer Cause and Prevention Research    | GMO: 231221 PO 00000                                     | University of Texas Southwestern Medical   |                              |
| 93.393      | I                | 15,578               | -                                | Cancer Cause and Prevention Research    | PO 2021444143 /RNG21                                     | Kaiser Permanente Washington Health Rese   |                              |
| 93.393      | I                | 3,776                | -                                | Cancer Cause and Prevention Research    | PO 690693327 AGR201                                      | Becton Dickinson (BD) and Company          |                              |
| 93.393      | I                | 88,831               | -                                | Cancer Cause and Prevention Research    | RNG211061-UNC-01   | Kaiser Permanente Division of Research     |                              |
| 93.393      | I                | 12,287               | -                                | Cancer Cause and Prevention Research    | RNG211062-UNC-01   | Kaiser Permanente Division of Research     |                              |
| 93.393      | I                | 59,522               | -                                | Cancer Cause and Prevention Research    | RNG211063-UNC-01   | Kaiser Permanente Division of Research     |                              |
| 93.393      | I                | 42,641               | -                                | Cancer Cause and Prevention Research    | RNG211064-UNC-01   | Kaiser Permanente Division of Research     |                              |
| 93.393      | I                | 9,738                | -                                | Cancer Cause and Prevention Research    | RNG211477-UNC-02   | Kaiser Foundation Research Institute       |                              |
| 93.393      | I                | 3,163                | -                                | Cancer Cause and Prevention Research    | RNG211580-UNC  | Kaiser Permanente Washington Health Rese   |                              |
| 93.393      | I                | (2,163)              | -                                | Cancer Cause and Prevention Research    | Risk Based Breast Cancer Screening in Community Settings | Group Health Center for Health Studies     |                              |
| 93.393      | I                | 3,443                | -                                | Cancer Cause and Prevention Research    | SUB00000426 CC22131                                      | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.393      | I                | 62,279               | -                                | Cancer Cause and Prevention Research    | SUB00002519/PO 25244340                                  | Rutgers The State University of New Jersey |                              |
| 93.393      | I                | 336                  | -                                | Cancer Cause and Prevention Research    | SUBK00017095/PO3006912546                                | University of Michigan (UMICH)             |                              |
| 93.393      | I                | 4,882                | -                                | Cancer Cause and Prevention Research    | UFDFSR0011890 PO032835                                   | Univ Of Florida                            |                              |
| 93.393      | I                | 54,195               | -                                | Cancer Cause and Prevention Research    | UWSC12808 PO56485  | University of Washington                   |                              |
| 93.393      | I                | 84,788               | -                                | Cancer Cause and Prevention Research    | UWSC13687 PO 65865                                       | University of Washington                   |                              |
| 93.393      | I                | (1,582)              | -                                | Cancer Cause and Prevention Research    | UVMC 42432   | Vanderbilt University Medical Center       |                              |
| 93.393      | I                | 130,603              | -                                | Cancer Cause and Prevention Research    | WU-20-397/PO# ST00000429                                 | Washington University in Saint Louis       |                              |
| 93.393      | I                | (544)                | -                                | Cancer Cause and Prevention Research    | WU-21-361  | Washington University in Saint Louis       |                              |
| 93.394      | D                | 5,303,629            | 906,066                          | Cancer Detection and Diagnosis Research |  |  |                              |
| 93.394      | I                | 34,128               | -                                | Cancer Detection and Diagnosis Research | 1  | DL Analytics, LLC                          |                              |
| 93.394      | I                | 8,016                | -                                | Cancer Detection and Diagnosis Research | 10695SC  | Univ Of Cal - San Francisco                |                              |
| 93.394      | I                | 8,016                | -                                | Cancer Detection and Diagnosis Research | 10696SC  | Univ Of Cal - San Francisco                |                              |
| 93.394      | I                | 122,830              | -                                | Cancer Detection and Diagnosis Research | 11915SC  | Univ Of Cal - San Francisco                |                              |
| 93.394      | I                | 21,795               | -                                | Cancer Detection and Diagnosis Research | 240072   | Massachusetts General Hospital             |                              |
| 93.394      | I                | (58,003)             | -                                | Cancer Detection and Diagnosis Research | 3D Photoacoustic and US Breast Imaging                   | OptoSonics, Inc.                           |                              |
| 93.394      | I                | 837                  | -                                | Cancer Detection and Diagnosis Research | 7000000410   | Baylor College of Medicine                 |                              |
| 93.394      | I                | 11,102               | -                                | Cancer Detection and Diagnosis Research | 7000001351   | Baylor University College of Medicine      |                              |
| 93.394      | I                | 14,180               | -                                | Cancer Detection and Diagnosis Research | 7137836  | Rhode Island Hospital                      |                              |
| 93.394      | I                | 9,501                | -                                | Cancer Detection and Diagnosis Research | A03-0637   | Duke University                            |                              |
| 93.394      | I                | 90,832               | -                                | Cancer Detection and Diagnosis Research | A03-3223   | Duke University                            |                              |
| 93.394      | I                | 20,599               | -                                | Cancer Detection and Diagnosis Research | AGT-22-00105   | OncoTab Inc                                |                              |
| 93.394      | I                | 11,059               | -                                | Cancer Detection and Diagnosis Research | G002000-7505   | Southern Methodist University              |                              |
| 93.394      | I                | 9,913                | -                                | Cancer Detection and Diagnosis Research | R1109660   | SUNY at Buffalo                            |                              |
| 93.394      | I                | 18,301               | -                                | Cancer Detection and Diagnosis Research | RE9600619  | Case Western Reserve University            |                              |
| 93.394      | I                | 63,648               | -                                | Cancer Detection and Diagnosis Research | RE9600952  | Case Western Reserve University            |                              |
| 93.394      | I                | 273,152              | -                                | Cancer Detection and Diagnosis Research | SUB00002554  | University of Georgia Board of Regents     |                              |
| 93.394      | I                | 101,875              | -                                | Cancer Detection and Diagnosis Research | SUB0000542   | Princeton University                       |                              |
| 93.394      | I                | 13,843               | -                                | Cancer Detection and Diagnosis Research | SUBK00014248   | University of Michigan (UMICH)             |                              |
| 93.394      | I                | 579                  | -                                | Cancer Detection and Diagnosis Research | THE-242677-021 68332210                                  | Mayo Clinic in Jacksonville                |                              |
| 93.394      | I                | 36,348               | -                                | Cancer Detection and Diagnosis Research | THE-242677-031 68881318                                  | Mayo Clinic in Jacksonville                |                              |
| 93.394      | I                | 51,092               | -                                | Cancer Detection and Diagnosis Research | UWSC13687 PO 67471                                       | University of Washington                   |                              |
| 93.394      | I                | (2,324)              | -                                | Cancer Detection and Diagnosis Research | UVMC 38860   | Vanderbilt University Medical Center       |                              |
| 93.395      | D                | 16,709,595           | 2,444,158                        | Cancer Treatment Research               |  |  |                              |
| 93.395      | I                | 25,060               | -                                | Cancer Treatment Research               | 0125 G XA917   | University of California at Los Angeles    |                              |
| 93.395      | I                | 27,758               | -                                | Cancer Treatment Research               | 0255-3281-4609   | Mount Sinai School of Medicine             |                              |
| 93.395      | I                | 333,351              | -                                | Cancer Treatment Research               | 0255-G341-4609   | Mount Sinai School of Medicine             |                              |
| 93.395      | I                | (130)                | -                                | Cancer Treatment Research               | 13748  | EMMES Corporation                          |                              |
| 93.395      | I                | 25,994               | -                                | Cancer Treatment Research               | 13765/Chibweshia   | EMMES Corporation                          |                              |
| 93.395      | I                | 92,137               | -                                | Cancer Treatment Research               | 13765/Chimula  | EMMES Corporation                          |                              |
| 93.395      | I                | 69,971               | (7,100)                          | Cancer Treatment Research               | 13765/Dittmer  | EMMES Corporation                          |                              |
| 93.395      | I                | 9,728                | -                                | Cancer Treatment Research               | 13765/Dittus   | EMMES Corporation                          |                              |
| 93.395      | I                | (4,999)              | -                                | Cancer Treatment Research               | 1568 G UA023   | University of California at Los Angeles    |                              |
| 93.395      | I                | 3,880                | -                                | Cancer Treatment Research               | 1568 G XA024   | University of California at Los Angeles    |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title             | Pass-Through Entity Number   | Pass-Through Entity Name                            | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|-------------------------------|--|---|------------------------------|
| 93.395      | I                | 26,398               | -                                | Cancer Treatment Research     | 1R41CA261311-01A1-ECU  | Claradele Pharmaceuticals, Inc.                     |                              |
| 93.395      | I                | 5,080                | -                                | Cancer Treatment Research     | 2020-3142  | Xoran Technologies                                  |                              |
| 93.395      | I                | 38,555               | -                                | Cancer Treatment Research     | 21-0698  | Athna Biotech, Inc                                  |                              |
| 93.395      | I                | (26)                 | -                                | Cancer Treatment Research     | 310635/PO#509648   | Albert Einstein College of Medicine Inc             |                              |
| 93.395      | I                | 3,800                | -                                | Cancer Treatment Research     | 4021401  | Dana Farber Cancer Institute                        |                              |
| 93.395      | I                | 49,485               | -                                | Cancer Treatment Research     | 45000002674  | Boston University                                   |                              |
| 93.395      | I                | 162,626              | -                                | Cancer Treatment Research     | 6062265UNC   | Northwestern University                             |                              |
| 93.395      | I                | 35,721               | -                                | Cancer Treatment Research     | 60075824 / PO RF01615428   | Ohio State University                               |                              |
| 93.395      | I                | 8,103                | -                                | Cancer Treatment Research     | 60075824 GR123817SPC10000  | Ohio State University                               |                              |
| 93.395      | I                | (247)                | -                                | Cancer Treatment Research     | 961668-RSUB  | Childrens Hospital of Philadelphia                  |                              |
| 93.395      | I                | 12,784               | -                                | Cancer Treatment Research     | A011106 / ALTERNATE  | Alliance for Clinical Trials in Oncology Foundation |                              |
| 93.395      | I                | 50,775               | -                                | Cancer Treatment Research     | A031027  | Duke University                                     |                              |
| 93.395      | I                | (669)                | -                                | Cancer Treatment Research     | A035177  | Duke University                                     |                              |
| 93.395      | I                | 902                  | -                                | Cancer Treatment Research     | A211401  | Cancer and Leukemia Group B                         |                              |
| 93.395      | I                | 20,399               | -                                | Cancer Treatment Research     | AGT-22-0104  | OncoTab Inc   |                              |
| 93.395      | I                | 3,486                | -                                | Cancer Treatment Research     | ALLIANCE A021806   | Brigham & Women's hospital                          |                              |
| 93.395      | I                | 370                  | -                                | Cancer Treatment Research     | ALLIANCE A151804   | Brigham & Women's hospital                          |                              |
| 93.395      | I                | 22,870               | -                                | Cancer Treatment Research     | AWD-002151-G1  | Georgia Institute of Technology                     |                              |
| 93.395      | I                | 5,870                | -                                | Cancer Treatment Research     | COG NCTN PCR   | Public Health Institute                             |                              |
| 93.395      | I                | (1,035)              | -                                | Cancer Treatment Research     | CRA/SCR/2017/18  | International Agency Research on Cancer             |                              |
| 93.395      | I                | 2,853                | -                                | Cancer Treatment Research     | CTA #CT005   | CivaTech Oncology                                   |                              |
| 93.395      | I                | 6,457                | -                                | Cancer Treatment Research     | EA6174   | ECOG-ACRIN Cancer Research Group                    |                              |
| 93.395      | I                | 751                  | -                                | Cancer Treatment Research     | ECOG-ACRIN EA2185  | Brigham & Women's hospital                          |                              |
| 93.395      | I                | 34,001               | -                                | Cancer Treatment Research     | F212147-2 / PO SR00005663  | University of Maryland at Baltimore (UMB)           |                              |
| 93.395      | I                | 14,799               | -                                | Cancer Treatment Research     | FP00026529 SUB149_01   | Childrens Hospital of Philadelphia                  |                              |
| 93.395      | I                | 253,424              | -                                | Cancer Treatment Research     | GB10832.PO#2256935   | Univ of Virginia                                    |                              |
| 93.395      | I                | 357,140              | 119,713                          | Cancer Treatment Research     | GR119452/SPC-1000  | The Ohio State University                           |                              |
| 93.395      | I                | 314                  | -                                | Cancer Treatment Research     | N1048-(PROSPECT)/ALLIANCE  | Brigham & Women's hospital                          |                              |
| 93.395      | I                | 151,271              | -                                | Cancer Treatment Research     | NCI COVID-19(N-CCAPS)  | Brigham & Women's hospital                          |                              |
| 93.395      | I                | 5,708                | -                                | Cancer Treatment Research     | NCSU RADAR #22-2474  | Gradient Medical                                    |                              |
| 93.395      | I                | 42,117               | -                                | Cancer Treatment Research     | NIH COG Chair Grant Per Case Reimbursement (U10CA180886)   | Public Health Institute                             |                              |
| 93.395      | I                | 84,979               | -                                | Cancer Treatment Research     | NIH COG Chair Grant Workload Intensity (U10CA180886)   | Public Health Institute                             |                              |
| 93.395      | I                | 13,986               | -                                | Cancer Treatment Research     | NRG Oncology Prime eIPF  | NRG Oncology  |                              |
| 93.395      | I                | (5,537)              | -                                | Cancer Treatment Research     | OSU ETCTN supplement to add UNC  | Ohio State University                               |                              |
| 93.395      | I                | 20,657               | -                                | Cancer Treatment Research     | PA-20-260  | Sonoviol, LLC                                       |                              |
| 93.395      | I                | 1,925                | -                                | Cancer Treatment Research     | RARE SUPPLEMENT - NCTN Y8 PCR  | Public Health Institute                             |                              |
| 93.395      | I                | 9,406                | -                                | Cancer Treatment Research     | S1801 / SWOG   | SWOG- Clinical Trials Initiative LLC                |                              |
| 93.395      | I                | 23,484               | -                                | Cancer Treatment Research     | STTR_Phase I: Advanced pre-clinical development of CF10 to improve treatment of metastatic colorectal cancer | Deep Creek Pharma, LLC                              |                              |
| 93.395      | I                | 42,774               | -                                | Cancer Treatment Research     | SUB00000039/ UR FAO GR530  | University of Rochester                             |                              |
| 93.395      | I                | 10,702               | -                                | Cancer Treatment Research     | SUBK00014074 300724750   | University of Michigan (UMICH)                      |                              |
| 93.395      | I                | 1,168                | -                                | Cancer Treatment Research     | Single Agent ONC201 in Recurrent or Metastatic Endometrial Cancer  | Oncoceutics, Inc.                                   |                              |
| 93.395      | I                | 12,462               | -                                | Cancer Treatment Research     | ULRF_20-0298-01  | University of Louisville Research Foundation, Inc   |                              |
| 93.395      | I                | 930                  | -                                | Cancer Treatment Research     | UNC039TW-00  | Frontier Science and Technology Research            |                              |
| 93.395      | I                | 106,329              | -                                | Cancer Treatment Research     | UWSC12058 BPO49755   | University of Washington                            |                              |
| 93.396      | D                | 10,360,682           | 595,470                          | Cancer Biology Research       |  |   |                              |
| 93.396      | I                | 13,103               | -                                | Cancer Biology Research       | 000531784-SC002  | University of Alabama at Birmingham                 |                              |
| 93.396      | I                | 417,407              | -                                | Cancer Biology Research       | 11000823-020   | Purdue University                                   |                              |
| 93.396      | I                | 33,477               | -                                | Cancer Biology Research       | 127349   | Brigham and Women's Hospital                        |                              |
| 93.396      | I                | 29,242               | -                                | Cancer Biology Research       | 1554 G XB980   | University of California at Los Angeles             |                              |
| 93.396      | I                | 139,698              | -                                | Cancer Biology Research       | 20-2643  | Triangle Biotechnology, Inc.                        |                              |
| 93.396      | I                | 7,238                | -                                | Cancer Biology Research       | 21-027   | Wake Forest Univ Health Sciences                    |                              |
| 93.396      | I                | 149,965              | -                                | Cancer Biology Research       | 3001744503   | University of Texas MD Anderson Cancer C            |                              |
| 93.396      | I                | 28,757               | -                                | Cancer Biology Research       | 64-45107-11000000305   | Wake Forest University Health Sciences              |                              |
| 93.396      | I                | 139,996              | -                                | Cancer Biology Research       | 64-45107-11000001240   | Wake Forest University Health Sciences              |                              |
| 93.396      | I                | (10,763)             | -                                | Cancer Biology Research       | 66183959   | University of Southern California (USC)             |                              |
| 93.396      | I                | 96,500               | -                                | Cancer Biology Research       | CCF22012233  | Cleveland Clinic                                    |                              |
| 93.396      | I                | 20,365               | -                                | Cancer Biology Research       | CON-80004061 (GR1181   | Yale University                                     |                              |
| 93.396      | I                | 276,039              | -                                | Cancer Biology Research       | GMO210601 PO 0000002343  | University of Texas Southwestern Medical            |                              |
| 93.396      | I                | 33,392               | -                                | Cancer Biology Research       | GR 109212 (CON-80002335)   | Yale University                                     |                              |
| 93.396      | I                | 40,982               | -                                | Cancer Biology Research       | PO 0000019588 GMO 200301   | University of Texas Southwestern Medical            |                              |
| 93.396      | I                | 39,650               | -                                | Cancer Biology Research       | UNC845271  | Henry Ford Health System                            |                              |
| 93.396      | I                | 6,032                | -                                | Cancer Biology Research       | UNCCHCA271069  | Pennsylvania State University                       |                              |
| 93.396      | I                | 3,574                | -                                | Cancer Biology Research       | UNCCHCA274265  | Pennsylvania State University                       |                              |
| 93.396      | I                | 263,233              | -                                | Cancer Biology Research       | UWSC12063/PO BPO49842  | University of Washington                            |                              |
| 93.396      | I                | 35,927               | -                                | Cancer Biology Research       | VUMC65676  | Vanderbilt University Medical Center                |                              |
| 93.397      | D                | 13,626,675           | 353,084                          | Cancer Centers Support Grants |  |   |                              |
| 93.397      | I                | (931)                | -                                | Cancer Centers Support Grants | 1230601  | Dana Farber Cancer Institute                        |                              |
| 93.397      | I                | (832)                | -                                | Cancer Centers Support Grants | 1231001  | Dana Farber Cancer Institute                        |                              |
| 93.397      | I                | (885)                | -                                | Cancer Centers Support Grants | 1231002  | Dana Farber Cancer Institute                        |                              |
| 93.397      | I                | 427                  | -                                | Cancer Centers Support Grants | 3001701567   | University of Texas MD Anderson Cancer C            |                              |
| 93.397      | I                | 5,922                | -                                | Cancer Centers Support Grants | 3001704190   | University of Texas MD Anderson Cancer C            |                              |
| 93.397      | I                | 5,922                | -                                | Cancer Centers Support Grants | 3001704196   | University of Texas MD Anderson Cancer C            |                              |
| 93.397      | I                | 12,676               | -                                | Cancer Centers Support Grants | 3001868288   | University of Texas MD Anderson Cancer C            |                              |
| 93.397      | I                | 24,736               | -                                | Cancer Centers Support Grants | 3002126367   | University of Texas MD Anderson Cancer C            |                              |
| 93.397      | I                | 23,401               | -                                | Cancer Centers Support Grants | 303000955  | Duke University                                     |                              |
| 93.397      | I                | 134,072              | -                                | Cancer Centers Support Grants | 7000001296 CA254569-01   | Baylor University College of Medicine               |                              |
| 93.397      | I                | 15,499               | -                                | Cancer Centers Support Grants | A035074  | Duke University                                     |                              |
| 93.397      | I                | 2,220                | -                                | Cancer Centers Support Grants | ASUB08   | Arizona State Univ.                                 |                              |
| 93.397      | I                | 5,287                | -                                | Cancer Centers Support Grants | CON-80003602(GR115886)   | Yale University                                     |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                         | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|---|--|------------------------------|
| 93.397      | I                | 156,319              | -                                | Cancer Centers Support Grants  | CON-80003835 (GR116824)   | Yale University                                  |                              |
| 93.397      | I                | 72,463               | -                                | Cancer Centers Support Grants  | CON-80004269(GR11969)   | Yale University                                  |                              |
| 93.397      | I                | 8,991                | (19,186)                         | Cancer Centers Support Grants  | PO 7000001296   | Baylor University College of Medicine            |                              |
| 93.397      | I                | 3,584                | -                                | Cancer Centers Support Grants  | PROTOCOL A011202 / ALLIANCE   | Cancer and Leukemia Group B                      |                              |
| 93.397      | I                | 10,809               | -                                | Cancer Centers Support Grants  | VUMC7349  | Vanderbilt University Medical Center             |                              |
| 93.398      | D                | 4,470,013            | 68,266                           | Cancer Research Manpower   |   |  |                              |
| 93.398      | I                | 30,170               | -                                | Cancer Research Manpower   | SP14257-SB09  | University of Mississippi Medical Center         |                              |
| 93.398      | I                | 157,576              | -                                | Cancer Research Manpower   | SP14542-SB09  | University of Mississippi Medical Center         |                              |
| 93.398      | I                | 11,666               | -                                | Cancer Research Manpower   | Subaward No: WFUHS 114319   | Wake Forest University Baptist Medical Center    |                              |
| 93.399      | D                | 477,749              | -                                | Cancer Control   |   |  |                              |
| 93.399      | I                | 92,507               | -                                | Cancer Control   | 202010116   | Alliance NCTN Foundation                         |                              |
| 93.399      | I                | 1                    | -                                | Cancer Control   | 202010119   | Alliance NCTN Foundation (ANF)                   |                              |
| 93.399      | I                | 49,777               | -                                | Cancer Control   | 222376-2  | Cornell University Weill Medical College         |                              |
| 93.399      | I                | 62,929               | -                                | Cancer Control   | 2UG1CA189828-06-UNC1  | ECOG-ACRIN Medical Research Foundation           |                              |
| 93.399      | I                | 1,540                | -                                | Cancer Control   | 60058459 UNC  | Northwestern University                          |                              |
| 93.399      | I                | 5,577                | -                                | Cancer Control   | Calcium in the Prevention of Neoplastic Polyps                      | Dartmouth College                                |                              |
| 93.399      | I                | 642                  | -                                | Cancer Control   | FP00028127_SUB54_01   | Childrens Hospital of Philadelphia               |                              |
| 93.421      | I                | 911                  | (35)                             | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 1452021 232-1403-3  | National Association of Chronic Disease          |                              |
| 93.421      | I                | 1                    | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2021-051902   | National Association of County and City          |                              |
| 93.421      | I                | 4,973                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2022-032502   | National Association of County and City          |                              |
| 93.421      | I                | 9,082                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2022-121502   | National Association of County and City          |                              |
| 93.421      | I                | 6,404                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2023-0005   | American Public Health Association (APHA)        |                              |
| 93.421      | I                | (341)                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 21-1564   | Supporting Families Together Association         |                              |
| 93.421      | I                | 2,957                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 21-5104   | Southeast Louisiana Area Health Education        |                              |
| 93.421      | I                | (38)                 | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2152021   | National Association of Chronic Disease          |                              |
| 93.421      | I                | 11,116               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-0104   | Child Care Aware of Kansas                       |                              |
| 93.421      | I                | 17,075               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-5091   | Southeast Louisiana Area Health Education        |                              |
| 93.421      | I                | 17,656               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-5389   | Child Care Aware of Kansas                       |                              |
| 93.421      | I                | 102,206              | 48,400                           | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 220223  | National Association of Chronic Disease          |                              |
| 93.421      | I                | 14,289               | 1,274                            | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 230261 232-1403-5   | National Association of Chronic Disease          |                              |
| 93.421      | I                | 78,091               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 27-8814-22  | Association of University Centers on             |                              |
| 93.421      | I                | 1,873                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 3848  | Task Force for Global Health                     |                              |
| 93.421      | I                | 64,619               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 5132  | Task Force for Global Health                     |                              |
| 93.421      | I                | 333                  | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | AWD00000288SUB00000136  | University of Vermont                            |                              |
| 93.421      | I                | 63,350               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | AWD00000738SUB00000311  | University of Vermont                            |                              |
| 93.421      | I                | 5,566                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Act Early Ambassador  | Association of University Centers on             |                              |
| 93.421      | I                | 1,234                | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Arthritis 1802 Project Year 4                                       | Society of Public Health Education (SOP)         |                              |
| 93.421      | I                | 11,743               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | CONTRACT DATED 5/5/21   | American Public Health Association               |                              |
| 93.421      | I                | (4)                  | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PO 7468   | Council of State and Territorial Epidemiologists |                              |
| 93.421      | I                | 14,304               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PO 7479   | Council of State and Territorial Epidemiologists |                              |
| 93.421      | I                | (5,807)              | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PURCHASE ORDER NO. 7457   | Cste   |                              |
| 93.421      | I                | 109,939              | 35,000                           | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PURCHASE ORDER NO. 7722   | Cste   |                              |
| 93.421      | I                | 128,691              | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Using Data Linkage to Assess Suicide Risk in Vulnerable Populations | American Public Health Association (APHA)        |                              |
| 93.424      | I                | (2,458)              | -                                | NON-ACA/PPHF—Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations | G804  | National Network of Public Health Institute      |                              |
| 93.424      | I                | 6,673                | -                                | NON-ACA/PPHF—Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations | National Preconception Health and Health Care (PCHHC)               | American Congress of Obstetricians and Gyn       |                              |
| 93.433      | D                | 1,190,549            | 141,940                          | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  |   |  |                              |
| 93.433      | I                | 10,586               | -                                | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | 32429-06043-S10   | Syracuse University                              |                              |
| 93.433      | I                | 5,116                | -                                | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | SPC-1000005619/ GR125034  | Ohio State University                            |                              |
| 93.433      | I                | 23,801               | -                                | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | SPC-1000007096/ GR129504  | Ohio State University                            |                              |
| 93.433      | I                | 129,571              | -                                | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | SRALAB REF # 7249 / 82261   | Rehabilitation Inst Of Chicago                   |                              |
| 93.434      | I                | (217)                | -                                | Every Student Succeeds Act/Preschool Development Grants  | 21-1545   | Michigan Department of Education                 |                              |
| 93.434      | I                | 9,908                | -                                | Every Student Succeeds Act/Preschool Development Grants  | 22-1541   | Michigan Department of Education                 |                              |
| 93.434      | I                | 12,259               | -                                | Every Student Succeeds Act/Preschool Development Grants  | 23-0871   | Michigan Department of Education                 |                              |
| 93.434      | I                | 85,212               | -                                | Every Student Succeeds Act/Preschool Development Grants  | 96-4710-0906-501  | University of Nebraska at Lincoln                |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|---|---|------------------------------|
| 93.439      | I                | 17,414               | -                                | State Physical Activity and Nutrition (SPAN  | 20-6071   | University of Kentucky Research Foundation      |                              |
| 93.439      | I                | 21,642               | -                                | State Physical Activity and Nutrition (SPAN  | 2019-0182   | Connecticut Department of Public Health         |                              |
| 93.439      | I                | 11,120               | -                                | State Physical Activity and Nutrition (SPAN  | 22-0335   | Illinois Public Health Institute (IPHI)         |                              |
| 93.439      | I                | 16,993               | -                                | State Physical Activity and Nutrition (SPAN  | 23-0306   | Illinois Public Health Institute (IPHI)         |                              |
| 93.439      | I                | 13,230               | -                                | State Physical Activity and Nutrition (SPAN  | PO 7500343206   | University of Kentucky Research Foundation      |                              |
| 93.512      | I                | 2,603                | -                                | Affordable Care Act (ACA) Personal and Home Care Aide State Training Program (PHCAST)  | NC Personal Home Care Aide State Training (PHCAST) Grant Evaluation | Foundation for Health Leadership                |                              |
| 93.516      | I                | 1,684                | -                                | Public Health Training Centers Program   | A505144   | Emory University                                |                              |
| 93.524      | I                | (4,418)              | -                                | Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF) | G921  | National Network of Public Health Institute     |                              |
| 93.530      | D                | 1,222,165            | 286,531                          | Teaching Health Center Graduate Medical Education Payment  |   |   |                              |
| 93.601      | D                | (5,950)              | -                                | Child Support Enforcement Demonstrations and Special Projects  |   |   |                              |
| 93.631      | D                | 221,227              | -                                | Developmental Disabilities Projects of National Significance   |   |   |                              |
| 93.632      | D                | 641,684              | -                                | University Centers for Excellence in Developmental Disabilities Education, Research, and Service   |   |   |                              |
| 93.647      | D                | 5,233                | -                                | Social Services Research and Demonstration   |   |   |                              |
| 93.647      | I                | 138,358              | -                                | Social Services Research and Demonstration   | 90PH0028-01   | Child Trends                                    |                              |
| 93.658      | D                | 11,131               | -                                | Foster Care Title IV-E   |   |   |                              |
| 93.658      | I                | 198,266              | 167,051                          | Foster Care Title IV-E   | 1005709012  | Illinois Department of Children and Family      |                              |
| 93.658      | I                | 393,502              | 106,443                          | Foster Care Title IV-E   | 1005709013  | Illinois Department of Children and Family      |                              |
| 93.667      | I                | 50,175               | -                                | Social Services Block Grant  | 20220447  | Cabarrus County Department of Human Services    |                              |
| 93.667      | I                | 1,981                | -                                | Social Services Block Grant  | Aspire Project  | Cabarrus County Department of Human Services    |                              |
| 93.686      | I                | 161,116              | -                                | Ending the HIV Epidemic: A Plan for America — Ryan White HIV/AIDS Program Parts A and B  | 40182971  | Mecklenburg County Health Department            |                              |
| 93.686      | I                | 283,769              | -                                | Ending the HIV Epidemic: A Plan for America — Ryan White HIV/AIDS Program Parts A and B  | 41331495  | Mecklenburg County Health Department            |                              |
| 93.701      | I                | 759                  | -                                | Trans-NIH Recovery Act Research Support  | 24-6231-0186-002  | University of Nebraska                          |                              |
| 93.732      | D                | 2,757,848            | -                                | Mental and Behavioral Health Education and Training Grants   |   |   |                              |
| 93.734      | D                | 795,079              | 109,481                          | Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs – financed by Prevention and Public Health Funds (PPHF)              |   |   |                              |
| 93.837      | D                | 39,494,426           | 6,192,106                        | Cardiovascular Diseases Research   |   |   |                              |
| 93.837      | I                | (3,864)              | -                                | Cardiovascular Diseases Research   | 1064563   | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 82,600               | -                                | Cardiovascular Diseases Research   | 1110216   | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 9,751                | -                                | Cardiovascular Diseases Research   | 1129351   | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 289,105              | -                                | Cardiovascular Diseases Research   | 1129903   | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 9,396                | -                                | Cardiovascular Diseases Research   | 1130620   | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | (594)                | -                                | Cardiovascular Diseases Research   | 5   | Gramercy Research Group                         |                              |
| 93.837      | I                | 5,711                | -                                | Cardiovascular Diseases Research   | 000503570-008   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | (2,867)              | -                                | Cardiovascular Diseases Research   | 000511972-001   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 12,556               | (600)                            | Cardiovascular Diseases Research   | 000511972-SC001   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 3,074                | -                                | Cardiovascular Diseases Research   | 000511972-SC002/5UH3HL130691-0                                      | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 98,940               | 800                              | Cardiovascular Diseases Research   | 000530812-SC006   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 28,011               | -                                | Cardiovascular Diseases Research   | 1063528   | Beth Israel Deaconess Medical Center            |                              |
| 93.837      | I                | 9,328                | -                                | Cardiovascular Diseases Research   | 1063617   | Beth Israel Deaconess Medical Center            |                              |
| 93.837      | I                | 49,814               | -                                | Cardiovascular Diseases Research   | 1-312-0218666-66942L  | Research Triangle Institute (RTI International) |                              |
| 93.837      | I                | 7,592                | -                                | Cardiovascular Diseases Research   | 100-1091654-93310   | State University of New York                    |                              |
| 93.837      | I                | (5,196)              | -                                | Cardiovascular Diseases Research   | 11530-FA87/14-2688  | University of South Carolina (USC)              |                              |
| 93.837      | I                | 3,028                | -                                | Cardiovascular Diseases Research   | 123632  | Brigham and Women's Hospital                    |                              |
| 93.837      | I                | (2,002)              | -                                | Cardiovascular Diseases Research   | 153742  | Duke University                                 |                              |
| 93.837      | I                | 513,779              | -                                | Cardiovascular Diseases Research   | 1558719/PO 1001308485   | University of Colorado at Boulder               |                              |
| 93.837      | I                | 18,126               | -                                | Cardiovascular Diseases Research   | 168055/168054   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 50,087               | -                                | Cardiovascular Diseases Research   | 172402/172293   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 1,629                | -                                | Cardiovascular Diseases Research   | 172752/172741   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 117,730              | -                                | Cardiovascular Diseases Research   | 18742   | University of Illinois at Chicago (UIC)         |                              |
| 93.837      | I                | 1,642                | -                                | Cardiovascular Diseases Research   | 1R41HL154735-01   | Sonovascular, Inc.                              |                              |
| 93.837      | I                | (7,246)              | -                                | Cardiovascular Diseases Research   | 2002882979  | Johns Hopkins University                        |                              |
| 93.837      | I                | 15,627               | -                                | Cardiovascular Diseases Research   | 2004339390  | Johns Hopkins University                        |                              |
| 93.837      | I                | 1,157,008            | -                                | Cardiovascular Diseases Research   | 2004517091  | Johns Hopkins University                        |                              |
| 93.837      | I                | 13,871               | -                                | Cardiovascular Diseases Research   | 2005549187  | Johns Hopkins University                        |                              |
| 93.837      | I                | 70,543               | -                                | Cardiovascular Diseases Research   | 224730-2-1R01HL15986901A1   | Cornell University                              |                              |
| 93.837      | I                | 92,847               | -                                | Cardiovascular Diseases Research   | 225708  | Massachusetts General Hospital                  |                              |
| 93.837      | I                | 26,703               | -                                | Cardiovascular Diseases Research   | 3001558456  | University of Texas MD Anderson Cancer C        |                              |
| 93.837      | I                | 60,681               | -                                | Cardiovascular Diseases Research   | 303-000373  | Duke University                                 |                              |
| 93.837      | I                | 12,148               | -                                | Cardiovascular Diseases Research   | 303000374   | Duke University                                 |                              |
| 93.837      | I                | 12,624               | -                                | Cardiovascular Diseases Research   | 303000651   | Duke University                                 |                              |
| 93.837      | I                | 9,161                | -                                | Cardiovascular Diseases Research   | 303001380   | Duke University                                 |                              |
| 93.837      | I                | 87,529               | -                                | Cardiovascular Diseases Research   | 31148A PO 923427  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 70,014               | -                                | Cardiovascular Diseases Research   | 311554P0# 924277  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 30,152               | -                                | Cardiovascular Diseases Research   | 312202 PO 913362  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 41,005               | -                                | Cardiovascular Diseases Research   | 35238-1   | Augusta University                              |                              |
| 93.837      | I                | 340,483              | -                                | Cardiovascular Diseases Research   | 35551-1   | Augusta University                              |                              |
| 93.837      | I                | 33,406               | -                                | Cardiovascular Diseases Research   | 4500004433  | Boston University Board of Trustees             |                              |
| 93.837      | I                | 43,594               | -                                | Cardiovascular Diseases Research   | 5-312-0217030-65769L  | Research Triangle Institute (RTI International) |                              |
| 93.837      | I                | (2,226)              | -                                | Cardiovascular Diseases Research   | 5001191-ROSAMOND  | Brown University                                |                              |
| 93.837      | I                | 4,546                | -                                | Cardiovascular Diseases Research   | 5001731-10-UNC  | Kent Hospital                                   |                              |
| 93.837      | I                | (1,270)              | -                                | Cardiovascular Diseases Research   | 51500   | Vanderbilt University                           |                              |
| 93.837      | I                | 797                  | -                                | Cardiovascular Diseases Research   | 60028980  | Ohio State University                           |                              |
| 93.837      | I                | 7,570                | -                                | Cardiovascular Diseases Research   | 60057133 UNC  | Northwestern University                         |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |                                  | Pass-Through Entity Number   | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|----------------------------------|--|--|------------------------------|
|             |                  |                      | Provided to Subrecipients | ALN Program Title                |  |  |                              |
| 93.837      | I                | 98,067               | -                         | Cardiovascular Diseases Research | 601164   | Children's Mercy Hospital                  |                              |
| 93.837      | I                | 120,279              | 19,000                    | Cardiovascular Diseases Research | 6793-01-RC002  | Westat, Inc.                               |                              |
| 93.837      | I                | 901,317              | -                         | Cardiovascular Diseases Research | 6922-02-RC002  | Westat, Inc.                               |                              |
| 93.837      | I                | 9,408                | -                         | Cardiovascular Diseases Research | A239219  | Emory University (EU)                      |                              |
| 93.837      | I                | 74,535               | -                         | Cardiovascular Diseases Research | AWD-001374-G2  | Georgia Institute Of Tech.                 |                              |
| 93.837      | I                | 14,169               | -                         | Cardiovascular Diseases Research | AWD-004057.GR101254  | University of Virginia                     |                              |
| 93.837      | I                | 176,004              | -                         | Cardiovascular Diseases Research | AWD-004081.GR101251  | University of Virginia                     |                              |
| 93.837      | I                | 118,030              | 40,000                    | Cardiovascular Diseases Research | AWD00002464 (134768-1)   | University Of Pittsburgh                   |                              |
| 93.837      | I                | 75,034               | -                         | Cardiovascular Diseases Research | AWD00005898 (137941-1)   | University of Pittsburgh                   |                              |
| 93.837      | I                | 11,945               | -                         | Cardiovascular Diseases Research | COVID Study Protocol   | New England Research Institutes            |                              |
| 93.837      | I                | 13,024               | -                         | Cardiovascular Diseases Research | GR114209 (CON-80003203)  | Yale University                            |                              |
| 93.837      | I                | 6,162                | -                         | Cardiovascular Diseases Research | Higgins UNC 2021   | Elon University                            |                              |
| 93.837      | I                | 116,411              | -                         | Cardiovascular Diseases Research | KIZZ200-07   | Northern California Institute for Research |                              |
| 93.837      | I                | 38,839               | -                         | Cardiovascular Diseases Research | KR 705078  | University of California at San Diego      |                              |
| 93.837      | I                | 4,832                | -                         | Cardiovascular Diseases Research | N006187424 / UMN 65083   | Regents of the Univ of Minnesota           |                              |
| 93.837      | I                | 5,365                | -                         | Cardiovascular Diseases Research | N006522501   | University of Minnesota Board of Regents   |                              |
| 93.837      | I                | (89,171)             | -                         | Cardiovascular Diseases Research | NOR-249833-03/PO#67885765  | Mayo Clinic                                |                              |
| 93.837      | I                | 224,499              | -                         | Cardiovascular Diseases Research | NOR-249833-04/PO#68482968  | Mayo Clinic                                |                              |
| 93.837      | I                | (14,934)             | -                         | Cardiovascular Diseases Research | NOR-249833/PO#57147544   | Mayo Clinic                                |                              |
| 93.837      | I                | 124,324              | -                         | Cardiovascular Diseases Research | OSD0000266 SPC-002242  | University of Miami                        |                              |
| 93.837      | I                | 278                  | -                         | Cardiovascular Diseases Research | OSPRSD-817   | Inova Healthcare Services                  |                              |
| 93.837      | I                | 20,519               | -                         | Cardiovascular Diseases Research | P008505101   | University of Minnesota Board of Regents   |                              |
| 93.837      | I                | 10,644               | -                         | Cardiovascular Diseases Research | PO 871082 31148A   | Albert Einstein College of Medicine Inc    |                              |
| 93.837      | I                | 9,851                | -                         | Cardiovascular Diseases Research | R25HL126145  | University of Houston                      |                              |
| 93.837      | I                | 56,231               | -                         | Cardiovascular Diseases Research | R42HL133633  | RFPI LLC                                   |                              |
| 93.837      | I                | 1,577                | -                         | Cardiovascular Diseases Research | Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemi | HealthCore, Inc.                           |                              |
| 93.837      | I                | 4,544                | -                         | Cardiovascular Diseases Research | SA00200-01   | University of Iowa                         |                              |
| 93.837      | I                | 81,954               | -                         | Cardiovascular Diseases Research | SA0000118  | University of Texas at Houston Health      |                              |
| 93.837      | I                | 102,666              | -                         | Cardiovascular Diseases Research | STTR: Photodynamic Therapy to Prevent Arteriovenous Fistula Maturation Failure   | Adgero Biopharmaceuticals Holdings Inc.    |                              |
| 93.837      | I                | 3,088                | -                         | Cardiovascular Diseases Research | SUBAWARD NO. 0255-A346-4605  | Mt. Sinai School of Medicine               |                              |
| 93.837      | I                | 802                  | -                         | Cardiovascular Diseases Research | SUBK0001666  | University of Michigan (UMICH)             |                              |
| 93.837      | I                | 2,060                | -                         | Cardiovascular Diseases Research | Subaward No. 100-1091654-90560   | SUNY Research Foundation                   |                              |
| 93.837      | I                | 79,438               | -                         | Cardiovascular Diseases Research | Subaward No. 1GG013681-01  | Columbia University                        |                              |
| 93.837      | I                | 125,691              | -                         | Cardiovascular Diseases Research | UTAUTS-SUB00000592   | University of Texas at Austin              |                              |
| 93.837      | I                | (1,342)              | -                         | Cardiovascular Diseases Research | WFUHS 115767   | Wake Forest University Health Sciences     |                              |
| 93.837      | I                | 67,494               | -                         | Cardiovascular Diseases Research | WU-23-0011/ ST00009601   | Washington University in Saint Louis       |                              |
| 93.837      | I                | 59,305               | -                         | Cardiovascular Diseases Research | WU-23-0012/ ST00009602   | Washington University in Saint Louis       |                              |
| 93.837      | I                | 10,731               | -                         | Cardiovascular Diseases Research | WU-23-0610 ST00015275  | Washington University in Saint Louis       |                              |
| 93.837      | I                | 8,155                | -                         | Cardiovascular Diseases Research | WU-23-0611 ST00015276  | Washington University in Saint Louis       |                              |
| 93.838      | D                | 23,572,428           | 5,335,067                 | Lung Diseases Research           |  |  |                              |
| 93.838      | I                | 26,766               | -                         | Lung Diseases Research           | 000887/120120  | University of Rhode Island                 |                              |
| 93.838      | I                | 1,665                | -                         | Lung Diseases Research           | 10-07742-8060-46   | Physical Sciences, Inc.                    |                              |
| 93.838      | I                | 686,145              | -                         | Lung Diseases Research           | 1045ASC  | University of California at San Francisco  |                              |
| 93.838      | I                | 133,833              | -                         | Lung Diseases Research           | 10820SC  | University of California at San Francisco  |                              |
| 93.838      | I                | 787                  | -                         | Lung Diseases Research           | 10842SUB   | Seattle Childrens Hospital Research Inst   |                              |
| 93.838      | I                | (3,044)              | -                         | Lung Diseases Research           | 108792850  | University of California at San Diego      |                              |
| 93.838      | I                | 111,095              | -                         | Lung Diseases Research           | 122937   | Brigham and Women's Hospital               |                              |
| 93.838      | I                | 35,471               | -                         | Lung Diseases Research           | 125948   | Brigham and Women's Hospital               |                              |
| 93.838      | I                | 2,847                | -                         | Lung Diseases Research           | 2(GG015835-02) G14711  | Columbia University                        |                              |
| 93.838      | I                | 45,654               | -                         | Lung Diseases Research           | 2(GG015835-03) G17002  | Columbia University                        |                              |
| 93.838      | I                | 101,674              | -                         | Lung Diseases Research           | 2022-1663  | Univ Of Cal - Irvine                       |                              |
| 93.838      | I                | (795)                | -                         | Lung Diseases Research           | 203-9808   | Duke University                            |                              |
| 93.838      | I                | 962                  | -                         | Lung Diseases Research           | 2035254  | Duke University                            |                              |
| 93.838      | I                | 86,898               | -                         | Lung Diseases Research           | 22-4420  | George Washington University               |                              |
| 93.838      | I                | 426,364              | -                         | Lung Diseases Research           | 222474-10  | Cornell University                         |                              |
| 93.838      | I                | 4,880                | -                         | Lung Diseases Research           | 226628-16  | Cornell University Weill Medical College   |                              |
| 93.838      | I                | 53,808               | -                         | Lung Diseases Research           | 228311-10  | Cornell University                         |                              |
| 93.838      | I                | 14,480               | -                         | Lung Diseases Research           | 228311-13  | Cornell University Weill Medical College   |                              |
| 93.838      | I                | 146,521              | 10,333                    | Lung Diseases Research           | 241949   | Massachusetts General Hospital             |                              |
| 93.838      | I                | 102,434              | -                         | Lung Diseases Research           | 27(GG015997-01) G15283   | Columbia University                        |                              |
| 93.838      | I                | 42,297               | -                         | Lung Diseases Research           | 27(GG015997-03) G17700   | Columbia University                        |                              |
| 93.838      | I                | (250)                | -                         | Lung Diseases Research           | 2831743-240026   | Duke University                            |                              |
| 93.838      | I                | 117,910              | -                         | Lung Diseases Research           | 303001339  | Duke University                            |                              |
| 93.838      | I                | 17,224               | -                         | Lung Diseases Research           | 313-120000-S50052  | Wake Forest University Health Sciences     |                              |
| 93.838      | I                | (2,591)              | -                         | Lung Diseases Research           | 31438SUB00000253   | University of Vermont                      |                              |
| 93.838      | I                | 6,961                | -                         | Lung Diseases Research           | 31438SUB00000285/PO  | University of Vermont                      |                              |
| 93.838      | I                | 21,436               | -                         | Lung Diseases Research           | 4500002806   | Boston University Board of Trustees        |                              |
| 93.838      | I                | 78,136               | -                         | Lung Diseases Research           | 463942   | University of Arizona                      |                              |
| 93.838      | I                | 15,916               | -                         | Lung Diseases Research           | 464151   | University of Arizona                      |                              |
| 93.838      | I                | 16,873               | -                         | Lung Diseases Research           | 5(GG016816-02) G162  | Columbia University                        |                              |
| 93.838      | I                | 2,132                | -                         | Lung Diseases Research           | 5799177/PO#4567327   | Trustees of the Univ. of Pennsylvania      |                              |
| 93.838      | I                | 56,993               | -                         | Lung Diseases Research           | 6(GG016801-01) SAPO 17448  | Columbia University                        |                              |
| 93.838      | I                | 34,014               | -                         | Lung Diseases Research           | 7137305  | Rhode Island Hospital                      |                              |
| 93.838      | I                | (29,495)             | -                         | Lung Diseases Research           | 772  | Univ Of Wisconsin                          |                              |
| 93.838      | I                | 178,363              | -                         | Lung Diseases Research           | A03-5365   | Duke University                            |                              |
| 93.838      | I                | 19,366               | -                         | Lung Diseases Research           | A031768  | Duke University                            |                              |
| 93.838      | I                | (7,761)              | -                         | Lung Diseases Research           | A033918 (SPS-25871)  | Duke University                            |                              |
| 93.838      | I                | 16,311               | -                         | Lung Diseases Research           | A035364 (SPS-269060)   | Duke University                            |                              |
| 93.838      | I                | 23,249               | -                         | Lung Diseases Research           | A035364 (SPS-269060) SILDI-SAF   | Duke Univ                                  |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                                  | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|---|---|------------------------------|
| 93.838      | I                | 286,228              | -                                | Lung Diseases Research   | AWD00002557 (134922-1)  | University of Pittsburgh                                  |                              |
| 93.838      | I                | 61,554               | -                                | Lung Diseases Research   | AWD00004140 (136230-2)  | University of Pittsburgh                                  |                              |
| 93.838      | I                | 14,888               | -                                | Lung Diseases Research   | CON-80003637(GR116171)  | Yale University   |                              |
| 93.838      | I                | 13,355               | -                                | Lung Diseases Research   | CON-80004425 (GR120265)   | Yale University   |                              |
| 93.838      | I                | 1,182,142            | 776,203                          | Lung Diseases Research   | FY22.1126.032   | University of Colorado Denver                             |                              |
| 93.838      | I                | (3,083)              | -                                | Lung Diseases Research   | GR111727(CON-8000282  | Yale University   |                              |
| 93.838      | I                | (3,006)              | -                                | Lung Diseases Research   | IN-4686685-UNC  | Indiana University System                                 |                              |
| 93.838      | I                | 5,921                | -                                | Lung Diseases Research   | PO 202982 32723SUB0   | University of Vermont                                     |                              |
| 93.838      | I                | 17,593               | -                                | Lung Diseases Research   | PO U000367642   | University of Utah  |                              |
| 93.838      | I                | 2,960                | -                                | Lung Diseases Research   | S-ALP2122-CF27  | George Washington University                              |                              |
| 93.838      | I                | 67,354               | -                                | Lung Diseases Research   | SBIR--A redox-active PARP inhibitor for lung transplantation                              | Radikal Therapeutics, Inc.                                |                              |
| 93.838      | I                | (990)                | -                                | Lung Diseases Research   | SBIR-Hybrid Katp channel opener and redox catalyst for lung transplantation               | Radikal Therapeutics, Inc.                                |                              |
| 93.838      | I                | 112,792              | -                                | Lung Diseases Research   | TUL-HSC-558039-20/21  | Tulane University   |                              |
| 93.838      | I                | 134,254              | -                                | Lung Diseases Research   | Understanding the Origins of Early COPD   | Cornell University Weill Medical College                  |                              |
| 93.839      | D                | 10,017,312           | 935,862                          | Blood Diseases and Resources Research  |   |   |                              |
| 93.839      | I                | (1,639)              | -                                | Blood Diseases and Resources Research  | 1110307   | Fred Hutchinson Cancer Center                             |                              |
| 93.839      | I                | 107,989              | -                                | Blood Diseases and Resources Research  | 1132982   | Fred Hutchinson Cancer Center                             |                              |
| 93.839      | I                | 15,848               | -                                | Blood Diseases and Resources Research  | 000524452-SC011   | University of Alabama at Birmingham                       |                              |
| 93.839      | I                | (892)                | -                                | Blood Diseases and Resources Research  | 1026762   | Beth Israel Deaconess Medical Center                      |                              |
| 93.839      | I                | (825)                | -                                | Blood Diseases and Resources Research  | 07327-3   | Minneapolis Medical Research Foundation                   |                              |
| 93.839      | I                | 2,041                | -                                | Blood Diseases and Resources Research  | 1   | Medical College of Wisconsin                              |                              |
| 93.839      | I                | 105,122              | -                                | Blood Diseases and Resources Research  | 12267SUB  | Seattle Childrens Hospital Research Inst                  |                              |
| 93.839      | I                | 64,648               | -                                | Blood Diseases and Resources Research  | 12802SUB  | Seattle Childrens Hospital Research Inst                  |                              |
| 93.839      | I                | 16,930               | -                                | Blood Diseases and Resources Research  | 1373-SUB  | Cleveland Clinic Foundation                               |                              |
| 93.839      | I                | 162,304              | -                                | Blood Diseases and Resources Research  | 1450-SUB  | Cleveland Clinic Foundation                               |                              |
| 93.839      | I                | 272                  | -                                | Blood Diseases and Resources Research  | 1482  | Rutgers the State University of New Jersey                |                              |
| 93.839      | I                | 67,514               | -                                | Blood Diseases and Resources Research  | 1515100 YEAR 03   | Fox Chase Cancer Center (Inst for Cancer)                 |                              |
| 93.839      | I                | 48,989               | -                                | Blood Diseases and Resources Research  | 1R41HL156763-01A1   | Selsym Biotech, Inc.                                      |                              |
| 93.839      | I                | 89,033               | -                                | Blood Diseases and Resources Research  | 2004875918  | Johns Hopkins University                                  |                              |
| 93.839      | I                | 29,687               | -                                | Blood Diseases and Resources Research  | 20794   | University of Maryland at Baltimore (UMB)                 |                              |
| 93.839      | I                | 13,496               | -                                | Blood Diseases and Resources Research  | 23-1562-UNC-CHAPEL  | University of Tennessee Health Science C                  |                              |
| 93.839      | I                | 14,927               | -                                | Blood Diseases and Resources Research  | 23-1576-UNCC  | University of Tennessee Health Science Center             |                              |
| 93.839      | I                | 42,484               | -                                | Blood Diseases and Resources Research  | 248041  | Duke University   |                              |
| 93.839      | I                | (150)                | -                                | Blood Diseases and Resources Research  | 2831742-240027  | Duke University   |                              |
| 93.839      | I                | 47,117               | -                                | Blood Diseases and Resources Research  | 401767-5804   | Colorado School of Mines                                  |                              |
| 93.839      | I                | 163,299              | -                                | Blood Diseases and Resources Research  | 579830  | Trustees of the Univ. of Pennsylvania                     |                              |
| 93.839      | I                | 73,652               | -                                | Blood Diseases and Resources Research  | 6(GG014702-01)  | Columbia University                                       |                              |
| 93.839      | I                | 16,620               | -                                | Blood Diseases and Resources Research  | 700277-0223-00  | Research Institute at Nationwide Children                 |                              |
| 93.839      | I                | 348,484              | -                                | Blood Diseases and Resources Research  | 703999  | University of California at San Diego                     |                              |
| 93.839      | I                | 5,762                | -                                | Blood Diseases and Resources Research  | 8067  | Trustees of Indiana University                            |                              |
| 93.839      | I                | 8                    | -                                | Blood Diseases and Resources Research  | AWD00000392 (134345-14)   | University of Pittsburgh Medical Center                   |                              |
| 93.839      | I                | 5,818                | -                                | Blood Diseases and Resources Research  | AWD00000392 (137957-  | University of Pittsburgh Medical Center                   |                              |
| 93.839      | I                | 544                  | -                                | Blood Diseases and Resources Research  | AWD00000392 (137958-1)  | University of Pittsburgh Medical Center                   |                              |
| 93.839      | I                | 3,597                | -                                | Blood Diseases and Resources Research  | AWD00000392 (137958-10)   | Univ of Pittsburgh  |                              |
| 93.839      | I                | (68,339)             | -                                | Blood Diseases and Resources Research  | Bioprocess of synthetic heparin   | Rensselaer Polytechnic Institute (RPI)                    |                              |
| 93.839      | I                | 196,194              | -                                | Blood Diseases and Resources Research  | C21950089   | Memorial Sloan-Kettering Cancer Center                    |                              |
| 93.839      | I                | 217,091              | -                                | Blood Diseases and Resources Research  | GRT-00001472 PO 20298438  | Childrens Hospital of Philadelphia                        |                              |
| 93.839      | I                | 925                  | -                                | Blood Diseases and Resources Research  | Gene therapy for Hemophilia   | Childrens Hospital of Philadelphia                        |                              |
| 93.839      | I                | (309)                | -                                | Blood Diseases and Resources Research  | RES514803   | Case Western Reserve University                           |                              |
| 93.839      | I                | 148,245              | -                                | Blood Diseases and Resources Research  | RES516040   | Case Western Reserve University                           |                              |
| 93.839      | I                | 80,094               | -                                | Blood Diseases and Resources Research  | SA0000419   | University of Texas at Houston Health                     |                              |
| 93.839      | I                | 22,136               | -                                | Blood Diseases and Resources Research  | SA0000667   | University of Texas at Houston Health                     |                              |
| 93.839      | I                | 937                  | -                                | Blood Diseases and Resources Research  | SPC-100005814/GR123988  | Ohio State University                                     |                              |
| 93.839      | I                | 19,801               | -                                | Blood Diseases and Resources Research  | SPC-1000011268/GR128908   | Ohio State University                                     |                              |
| 93.839      | I                | (262)                | -                                | Blood Diseases and Resources Research  | STTR: Develop humanized AAV vectors for liver targeting and neutralizing antibody evasion | Bedrock Therapeutics                                      |                              |
| 93.839      | I                | 5,699                | -                                | Blood Diseases and Resources Research  | SUBAWARD 20789/PO 1000013630  | Univ of Maryland  |                              |
| 93.839      | I                | 1,140                | -                                | Blood Diseases and Resources Research  | SUBAWARD NO. 20789 / PO TBD   | Univ of Maryland  |                              |
| 93.839      | I                | 90,432               | -                                | Blood Diseases and Resources Research  | UWSC11723 PO 46592  | University of Washington                                  |                              |
| 93.839      | I                | 192,754              | -                                | Blood Diseases and Resources Research  | UWSC13272 (BPO 60796)   | University of Washington                                  |                              |
| 93.839      | I                | 3,209                | -                                | Blood Diseases and Resources Research  | WU-18-PO#ST00000842   | Washington University in Saint Louis                      |                              |
| 93.839      | I                | 3,185                | -                                | Blood Diseases and Resources Research  | WU-22-0189  | Washington University in Saint Louis                      |                              |
| 93.839      | I                | 16,541               | -                                | Blood Diseases and Resources Research  | WU-23-0351 ST00011612   | Washington University in Saint Louis                      |                              |
| 93.840      | D                | 1,441,998            | 236,354                          | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders |   |   |                              |
| 93.840      | I                | 338                  | -                                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | 13597SC   | The Regents of The University of California San Francisco |                              |
| 93.840      | I                | 1,036                | -                                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | 14332SC   | The Regents of The University of California San Francisco |                              |
| 93.840      | I                | 6,662                | -                                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | M163P365F002-S02  | Centre for Infectious Disease Research                    |                              |
| 93.840      | I                | 49,479               | -                                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | M163P460F003-S02  | Centre for Infectious Disease Research                    |                              |
| 93.840      | I                | 117,720              | -                                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | VUMC92658   | Vanderbilt University Medical Center                      |                              |
| 93.845      | I                | 26,738               | -                                | Promoting Population Health through Increased Capacity in Alcohol Epidemiology                       | Subcontract No: 4426-003S   | University of Central Arkansas                            |                              |
| 93.846      | D                | 18,849,296           | 4,584,426                        | Arthritis, Musculoskeletal and Skin Diseases Research  |   |   |                              |
| 93.846      | I                | 27,742               | -                                | Arthritis, Musculoskeletal and Skin Diseases Research  | 104604 PO# EP0226061  | Tufts University  |                              |
| 93.846      | I                | 1,130                | -                                | Arthritis, Musculoskeletal and Skin Diseases Research  | 16-004  | Wake Forest University                                    |                              |
| 93.846      | I                | 482,253              | -                                | Arthritis, Musculoskeletal and Skin Diseases Research  | 18247   | Univ Of Illinois-Chicago                                  |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |               | ALN Program Title  | Pass-Through Entity Number                               | Pass-Through Entity Name                              | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|---------------|--|--|---|------------------------------|
|             |                  |                      | Provided to Subrecipients | Subrecipients |  |  |   |                              |
| 93.846      | I                | (260)                | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 20-012   | Wake Forest University                                |                              |
| 93.846      | I                | 43,006               | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 2005504179   | Johns Hopkins University                              |                              |
| 93.846      | I                | 18,380               | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 240923   | Massachusetts General Hospital                        |                              |
| 93.846      | I                | (678)                | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 3021904  | Duke University                                       |                              |
| 93.846      | I                | 223,506              | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 412693-19467   | Virginia Tech   |                              |
| 93.846      | I                | 21,458               | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 60063021 NCSU  | Northwestern University                               |                              |
| 93.846      | I                | 85,963               | 3,824                     | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 643833   | Arizona Board of Regents                              |                              |
| 93.846      | I                | 93,992               | 12,768                    | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 683990   | Arizona Board of Regents                              |                              |
| 93.846      | I                | 6,552                | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | 901634-UNC   | Ann & Robert H Lurie Children's Hospital              |                              |
| 93.846      | I                | 18,579               | 7,032                     | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | A03-2173   | Duke University                                       |                              |
| 93.846      | I                | 16,962               | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | A034674  | Duke University                                       |                              |
| 93.846      | I                | 135,585              | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | K002394-00-S01   | Kitware, Inc.   |                              |
| 93.846      | I                | 12,245               | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | SUB00000502/ UR FAO                                      | University of Rochester                               |                              |
| 93.846      | I                | 139,784              | 31,346                    | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | UDR0000302   | University of Delaware                                |                              |
| 93.846      | I                | 206,776              | -                         | -             | Arthritis, Musculoskeletal and Skin Diseases Research        | ZAT00020/1R01AR071263-01                                 | University of Kansas Medical Center Research Inst Inc |                              |
| 93.847      | D                | 34,062,457           | 7,803,693                 | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research |  |   |                              |
| 93.847      | I                | (292)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 589951   | Children's Hospital Boston                            |                              |
| 93.847      | I                | 65,989               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 0125 G WC382   | University of California at Los Angeles               |                              |
| 93.847      | I                | 6,185                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 10066419-02-UNC  | University of Utah                                    |                              |
| 93.847      | I                | (350)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 101800-117430  | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 38,875               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 1020837_UNC  | Oregon Health and Science University                  |                              |
| 93.847      | I                | (994)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 12-023-58900   | California Polytechnic State University               |                              |
| 93.847      | I                | 114,080              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 1329760-ECU  | AdventHealth Orlando                                  |                              |
| 93.847      | I                | 19,359               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 134397062  | University of Southern California                     |                              |
| 93.847      | I                | 125,000              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 1440 G ZB003   | University of California at Los Angeles               |                              |
| 93.847      | I                | (907)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 15-179296-07   | Connecticut Childrens Medical Center                  |                              |
| 93.847      | I                | (4,126)              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 16-NIH-1017  | Duke University                                       |                              |
| 93.847      | I                | 285,233              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 160009447/KFS#567316                                     | University of Connecticut                             |                              |
| 93.847      | I                | (5,471)              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 16121920-01/15071100                                     | Cornell University Medical Campus                     |                              |
| 93.847      | I                | 13,079               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 1R41DK135288-01  | Selsym Biotech, Inc.                                  |                              |
| 93.847      | I                | 18,350               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 2005076433   | Johns Hopkins University                              |                              |
| 93.847      | I                | 115,286              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 2005481770   | Johns Hopkins University                              |                              |
| 93.847      | I                | 200,453              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 21-181065-01   | Connecticut Childrens Medical Center                  |                              |
| 93.847      | I                | 75,258               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 22-0591  | Altis Biosystems, Inc. (formerly Altis B)             |                              |
| 93.847      | I                | 84,896               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 22-2389  | Bedrock Therapeutics                                  |                              |
| 93.847      | I                | 271,465              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 23-181084-30   | Connecticut Childrens Medical Center                  |                              |
| 93.847      | I                | 50,521               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 2301 G XG379   | University of California at Los Angeles               |                              |
| 93.847      | I                | 30,031               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 238171   | Massachusetts General Hospital                        |                              |
| 93.847      | I                | (450)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 25034-65   | Georgia Regents University                            |                              |
| 93.847      | I                | 10,776               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 297-3284-1-11000000854                                   | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 7                    | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 3003328374   | University of Michigan (UMICH)                        |                              |
| 93.847      | I                | (3,408)              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 3021789  | Duke University                                       |                              |
| 93.847      | I                | 33,576               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 303001547  | Duke University                                       |                              |
| 93.847      | I                | 13,171               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 303001975  | Duke University                                       |                              |
| 93.847      | I                | 5,202                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 319-45828-11000000714                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 3,941                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 3301820722/ P0# 20291998                                 | Childrens Hospital of Philadelphia                    |                              |
| 93.847      | I                | 30,879               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 3301820723/ P0# 2040                                     | Childrens Hospital of Philadelphia                    |                              |
| 93.847      | I                | 18,149               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 36305-3  | Augusta University                                    |                              |
| 93.847      | I                | 27,680               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 378777 5656810   | University of Connecticut                             |                              |
| 93.847      | I                | 8,330                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 4/PO#1002690   | Rutgers the State University of New Jersey            |                              |
| 93.847      | I                | 144,824              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 428898   | University of Connecticut                             |                              |
| 93.847      | I                | 6,890                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 489.32841.11000000854                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 59,010               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 524-32352-10000117431                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 45,813               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 54-45828-11000001640                                     | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 42,278               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 637-45102-10000550024                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | (18,973)             | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 700094-0821-00 46078                                     | Nationwide Children's Hospital                        |                              |
| 93.847      | I                | 5,023                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 700198-0522-00   | Nationwide Childrens Hosp                             |                              |
| 93.847      | I                | 6,839                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 859-45828-11000000714                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 21,336               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 900214   | Drexel University                                     |                              |
| 93.847      | I                | (100)                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 917572   | Fred Hutchinson Cancer Res Cen                        |                              |
| 93.847      | I                | 27,158               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | 933-45828-11000000719                                    | Wake Forest University Health Sciences                |                              |
| 93.847      | I                | 1,282                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | A Novel Diet-Phenotype Interaction Affecting Body Weight | Children's Hospital Boston                            |                              |
| 93.847      | I                | 69,640               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | A031772  | Duke University                                       |                              |
| 93.847      | I                | 12,437               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | A033315  | Duke Univ   |                              |
| 93.847      | I                | 13,834               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | AWD0000761 (133084-1)                                    | University of Pittsburgh                              |                              |
| 93.847      | I                | 14,265               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | CON-80004041(GR118610)                                   | Vale University                                       |                              |
| 93.847      | I                | 74,491               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | CY21-048-UNCC  | Sanford Research North                                |                              |
| 93.847      | I                | 103,789              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | CY21-048-UNCCCH  | Sanford Research                                      |                              |
| 93.847      | I                | 12,416               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | DFMO therapy for polycystic kidney disease               | Resilio Therapeutics LLC                              |                              |
| 93.847      | I                | 36,592               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | EVIN-R43DK130750-SUB-01                                  | Evincis Bio, Inc.                                     |                              |
| 93.847      | I                | 227,384              | 138,204                   | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FAR0027327   | North Dakota State University                         |                              |
| 93.847      | I                | 208                  | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FP00005212_SA001   | Virginia Commonwealth University (VCU)                |                              |
| 93.847      | I                | 326,855              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FP00007299_SA001   | Virginia Commonwealth University (VCU)                |                              |
| 93.847      | I                | 17                   | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FP068366-01 F (53026                                     | University of Chicago                                 |                              |
| 93.847      | I                | 130,236              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FP068366-01F (530267                                     | University of Chicago                                 |                              |
| 93.847      | I                | (1,916)              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FP068366-01F 5302678601-8                                | University of Chicago                                 |                              |
| 93.847      | I                | 139,528              | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FY22.1035.015  | University of Colorado Denver                         |                              |
| 93.847      | I                | 6,716                | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | FY22.687.001   | University of Colorado Denver                         |                              |
| 93.847      | I                | 34,926               | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | GENFD0002231816  | Children's Hospital Boston                            |                              |
| 93.847      | I                | (11,019)             | -                         | -             | Diabetes, Digestive, and Kidney Diseases Extramural Research | IN468876UNC  | Indiana University System                             |                              |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                  | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|---|---|------------------------------|
| 93.847      | I                | 124,748              | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | M2102712  | Texas A and M AgriLife                    |                              |
| 93.847      | I                | 1,980                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | PO#3005737317/SUBK00  | University of Michigan (UMICH)            |                              |
| 93.847      | I                | 44,106               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | R-20-0068   | University of Houston                     |                              |
| 93.847      | I                | 21,652               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | R43DK129107   | Eko Devices, Inc                          |                              |
| 93.847      | I                | 41,347               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | RC110120 UNC  | Michigan State University                 |                              |
| 93.847      | I                | (360)                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | RPS 2   | Pelvic Floors Disorders Research          |                              |
| 93.847      | I                | (1,583)              | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD1516-MW31  | George Washington University              |                              |
| 93.847      | I                | 539                  | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD2122-LL31  | George Washington University              |                              |
| 93.847      | I                | 9,806                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD2223-LL31  | George Washington University              |                              |
| 93.847      | I                | 22,298               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SA0000736/0013642C  | University of Texas at Houston Health     |                              |
| 93.847      | I                | 29,699               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SBIR: A defined, thermo-responsive scaffold for organoid culture  | inSoma Bio                                |                              |
| 93.847      | I                | 87,743               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SBIR: Development of a high-throughput epigenomic mapping platform to molecularly phenotype Crohn's disease | EpiCypher, Inc.                           |                              |
| 93.847      | I                | 97,979               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SC-00083  | Gladstone Institutes                      |                              |
| 93.847      | I                | 23,624               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SC-00087  | Gladstone Institutes                      |                              |
| 93.847      | I                | (13,325)             | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | STTR: HELICAL Biodegradable Photochemical(HELP)Stents for AVF Maturation                                    | Inovasc, LLC                              |                              |
| 93.847      | I                | 8,506                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBAWARD NO. 3301820723   | Childrens Hosp of Philadelphia            |                              |
| 93.847      | I                | 16,200               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBAWARD NO: 303000590  | Duke Univ                                 |                              |
| 93.847      | I                | 80,936               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00014112 PO 300   | University of Michigan Board of Regents   |                              |
| 93.847      | I                | 21,605               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00018566 30072269382  | University of Michigan (UMICH)            |                              |
| 93.847      | I                | 3,077                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00018875 30073  | University of Michigan (UMICH)            |                              |
| 93.847      | I                | 91,142               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | Subaward No. 56-120370-442531   | Wake Forest University                    |                              |
| 93.847      | I                | 376                  | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | TN-01 Natural History Study of the Development of Type 1 Diabetes   | University of South Florida Tampa         |                              |
| 93.847      | I                | 240,804              | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | UWSC11876 BPO48314  | University of Washington                  |                              |
| 93.847      | I                | 7,955                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | VUMC 62324  | Vanderbilt University Medical Center      |                              |
| 93.847      | I                | 193,055              | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | VUMC 62470  | Vanderbilt University                     |                              |
| 93.847      | I                | 7,897                | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | VUMC97498   | Vanderbilt University Medical Center      |                              |
| 93.847      | I                | 25,778               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | WSU22178  | Wayne State University                    |                              |
| 93.853      | D                | 19,103,695           | 3,417,001                        | Extramural Research Programs in the Neurosciences and Neurological Disorders |   |   |                              |
| 93.853      | I                | 12,577               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 012043-140257   | University of Cincinnati                  |                              |
| 93.853      | I                | (1,780)              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 012044-140257   | University of Cincinnati                  |                              |
| 93.853      | I                | 21,674               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 0255-C052-4609  | Mount Sinai School of Medicine            |                              |
| 93.853      | I                | 34,723               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1(GG010874-01)  | Columbia University                       |                              |
| 93.853      | I                | 4,670                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 11622sc   | University of California at San Francisco |                              |
| 93.853      | I                | 29,160               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1275-SUB  | Cleveland Clinic Foundation               |                              |
| 93.853      | I                | 8,631                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 136675C   | University of California at San Francisco |                              |
| 93.853      | I                | 26,470               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1452-SUB  | Cleveland Clinic Foundation               |                              |
| 93.853      | I                | 7,036                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 15A-M59/21-M43  | George Washington University              |                              |
| 93.853      | I                | (70)                 | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2019-1338   | Sojmeds, Inc                              |                              |
| 93.853      | I                | 6,928                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2020A014357   | Massachusetts General Hospital            |                              |
| 93.853      | I                | 27,360               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2022-1774   | University of California at Irvine (UCI)  |                              |
| 93.853      | I                | 151,331              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2022GC1142  | University of Texas at Arlington          |                              |
| 93.853      | I                | 62,220               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2117-209-2013228  | Clemson University                        |                              |
| 93.853      | I                | 89,917               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 22-2391   | NeuroGT, Inc.                             |                              |
| 93.853      | I                | 10,059               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2301 G WE216  | University of California at Los Angeles   |                              |
| 93.853      | I                | 6,209                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 234362  | Massachusetts General Hospital            |                              |
| 93.853      | I                | 28,089               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 237442  | Mass General Hospital                     |                              |
| 93.853      | I                | 128,903              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 3(GG015295-01)/PO G14943  | Columbia University Trustees              |                              |
| 93.853      | I                | 34,907               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 303-000277  | Duke University                           |                              |
| 93.853      | I                | 7,555                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 303001719   | Duke University                           |                              |
| 93.853      | I                | 11,491               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 33880-1   | Augusta State University                  |                              |
| 93.853      | I                | (1,589)              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 417423  | University of Rochester                   |                              |
| 93.853      | I                | 316                  | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 417715/URFAO: GR510660  | University of Rochester                   |                              |
| 93.853      | I                | 41,863               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 5070-S04  | Actuated Medical, Inc (AMI)               |                              |
| 93.853      | I                | 5,566                | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 5600909926  | Baylor University College of Medicine     |                              |
| 93.853      | I                | (4,636)              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 61353145-115866   | Stanford University                       |                              |
| 93.853      | I                | 33,839               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 62680095-115866   | Leland Stanford Junior University (LSJU)  |                              |
| 93.853      | I                | (11,242)             | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 8564  | University of California at San Francisco |                              |
| 93.853      | I                | (10,857)             | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 9091SC  | University of California at San Francisco |                              |
| 93.853      | I                | 40,728               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 9367-NC5  | Indiana University                        |                              |
| 93.853      | I                | 60,186               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 997809  | NJIT                                      |                              |
| 93.853      | I                | 73,426               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | A03-1446  | Duke University                           |                              |
| 93.853      | I                | 17,725               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | A032629   | Duke University                           |                              |
| 93.853      | I                | 64,830               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | A032678   | Duke University                           |                              |
| 93.853      | I                | 13,968               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | A15-0089-S001   | Univ Of Cal - Santa Cruz                  |                              |
| 93.853      | I                | 924                  | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | A673224   | Emory University (EU)                     |                              |
| 93.853      | I                | 64,358               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | CCF22864254   | Cleveland Clinic Foundation               |                              |
| 93.853      | I                | 11,618               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | FY20.620.001 2-5-91   | University of Colorado Denver             |                              |
| 93.853      | I                | 224,980              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | FY22.1113.002   | University of Colorado Denver             |                              |
| 93.853      | I                | 33,881               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | KR 704675   | University of California at San Diego     |                              |
| 93.853      | I                | 62,011               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | N009539507  | University of Minnesota                   |                              |
| 93.853      | I                | 56,445               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | RC111156B   | Michigan State University                 |                              |
| 93.853      | I                | 25,845               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | SAPO G17597 1(GG019   | Columbia University                       |                              |
| 93.853      | I                | 20,068               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | STTR: Development of gene therapy product for treating MPS IIIB   | NeuroGT, Inc.                             |                              |
| 93.853      | I                | 14,740               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | SUB00002945   | University of Florida                     |                              |
| 93.853      | I                | (41,874)             | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | SUBK10398CSPR-002   | University of Michigan (UMICH)            |                              |
| 93.853      | I                | (2,942)              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | Synaptomes of mouse and man   | The Allen Institute for Brain Science     |                              |
| 93.853      | I                | (4,586)              | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | T458594   | Emory University (EU)                     |                              |
| 93.853      | I                | 42,416               | -                                | Extramural Research Programs in the Neurosciences and Neurological Disorders | UWSC13229 PO 60460  | University of Washington                  |                              |
| 93.855      | D                | 82,831,031           | 20,548,445                       | Allergy and Infectious Diseases Research                                     |   |   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                        | Pass-Through Entity Number | Pass-Through Entity Name                                     | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|----------------------------|--|------------------------------|
| 93.855      | I                | 174,316              | -                                | Allergy and Infectious Diseases Research | 1340                       | Brown University   |                              |
| 93.855      | I                | 174,011              | -                                | Allergy and Infectious Diseases Research | 1398                       | Brown University   |                              |
| 93.855      | I                | 84,651               | -                                | Allergy and Infectious Diseases Research | 1953                       | Brown University   |                              |
| 93.855      | I                | 151,094              | -                                | Allergy and Infectious Diseases Research | 2016                       | Brown University   |                              |
| 93.855      | I                | 95,119               | -                                | Allergy and Infectious Diseases Research | 0000530 and 21-M117        | University of Wisconsin – Madison & Center for Aids Research |                              |
| 93.855      | I                | 120,779              | -                                | Allergy and Infectious Diseases Research | 10423                      | University of California at Berkeley                         |                              |
| 93.855      | I                | 486,638              | -                                | Allergy and Infectious Diseases Research | 10455                      | University of California at Berkeley                         |                              |
| 93.855      | I                | 8,275                | -                                | Allergy and Infectious Diseases Research | 1062469                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 1                    | -                                | Allergy and Infectious Diseases Research | 1085329                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | (262,242)            | -                                | Allergy and Infectious Diseases Research | 1085572                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 97,670               | -                                | Allergy and Infectious Diseases Research | 1109963                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 90,470               | -                                | Allergy and Infectious Diseases Research | 1109964                    | Fred Hutchinson Cancer Research Center                       |                              |
| 93.855      | I                | 5,682                | -                                | Allergy and Infectious Diseases Research | 1110226                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 1,220,010            | 135,071                          | Allergy and Infectious Diseases Research | 1114001                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 1,211,169            | -                                | Allergy and Infectious Diseases Research | 1114063                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | (7,442)              | -                                | Allergy and Infectious Diseases Research | 000397076-011              | University of Alabama at Birmingham                          |                              |
| 93.855      | I                | 517,506              | -                                | Allergy and Infectious Diseases Research | 000520254-SC002            | University of Alabama at Birmingham                          |                              |
| 93.855      | I                | 220,111              | -                                | Allergy and Infectious Diseases Research | 000520254-SC006            | University of Alabama at Birmingham                          |                              |
| 93.855      | I                | 407,990              | -                                | Allergy and Infectious Diseases Research | 000529618-SC008            | University of Alabama at Birmingham                          |                              |
| 93.855      | I                | (5,488)              | -                                | Allergy and Infectious Diseases Research | 0080.0185/983              | FHI 360  |                              |
| 93.855      | I                | 169                  | (651)                            | Allergy and Infectious Diseases Research | 0080.0247/104122           | Family Health International                                  |                              |
| 93.855      | I                | 23,334               | -                                | Allergy and Infectious Diseases Research | 01723-14730                | Saint Louis University                                       |                              |
| 93.855      | I                | 8,478                | -                                | Allergy and Infectious Diseases Research | 0255-H271-4609             | Mount Sinai School of Medicine                               |                              |
| 93.855      | I                | 56,633               | -                                | Allergy and Infectious Diseases Research | 1(GG014746-29)             | Columbia University Trustees                                 |                              |
| 93.855      | I                | 76,382               | -                                | Allergy and Infectious Diseases Research | 1-340-0217434-66355L       | Research Triangle Institute (RTI International)              |                              |
| 93.855      | I                | 177,701              | -                                | Allergy and Infectious Diseases Research | 1-340-0217444-65953L       | Research Triangle Institute (RTI International)              |                              |
| 93.855      | I                | (1,956)              | -                                | Allergy and Infectious Diseases Research | 11000624-002               | Purdue University  |                              |
| 93.855      | I                | 16,880               | -                                | Allergy and Infectious Diseases Research | 11000886-018               | Purdue University  |                              |
| 93.855      | I                | 7,728                | -                                | Allergy and Infectious Diseases Research | 110200                     | Brigham and Women's Hospital                                 |                              |
| 93.855      | I                | (3,017)              | -                                | Allergy and Infectious Diseases Research | 110229                     | Brigham and Women's Hospital                                 |                              |
| 93.855      | I                | (203)                | -                                | Allergy and Infectious Diseases Research | 110236                     | Brigham and Women's Hospital                                 |                              |
| 93.855      | I                | (889)                | -                                | Allergy and Infectious Diseases Research | 110238                     | Brigham and Women's Hospital                                 |                              |
| 93.855      | I                | (1,498)              | -                                | Allergy and Infectious Diseases Research | 110256                     | Brigham and Women's Hospital                                 |                              |
| 93.855      | I                | 2,213                | -                                | Allergy and Infectious Diseases Research | 1110224                    | Fred Hutchinson Cancer Center                                |                              |
| 93.855      | I                | 209,025              | -                                | Allergy and Infectious Diseases Research | 117316-5114521             | Harvard University School of Public Health                   |                              |
| 93.855      | I                | 104,603              | -                                | Allergy and Infectious Diseases Research | 124925UB                   | Seattle Childrens Hospital Research Inst                     |                              |
| 93.855      | I                | (3)                  | -                                | Allergy and Infectious Diseases Research | 135408                     | Cincinnati Childrens Hospital Medical Ce                     |                              |
| 93.855      | I                | 77,715               | -                                | Allergy and Infectious Diseases Research | 138975C                    | University of California at San Francisco                    |                              |
| 93.855      | I                | (17,932)             | -                                | Allergy and Infectious Diseases Research | 15(GG014746-22)            | Columbia University Trustees                                 |                              |
| 93.855      | I                | 8,218                | -                                | Allergy and Infectious Diseases Research | 15001683                   | Family Health International                                  |                              |
| 93.855      | I                | (7,108)              | -                                | Allergy and Infectious Diseases Research | 1560 B WA900               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 310,492              | (81,603)                         | Allergy and Infectious Diseases Research | 1560 B YB561               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 662,982              | -                                | Allergy and Infectious Diseases Research | 1560 B YB826               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 154,063              | 21,014                           | Allergy and Infectious Diseases Research | 1560 B YB828               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 55,871               | -                                | Allergy and Infectious Diseases Research | 1560 B ZA805               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 3,324                | -                                | Allergy and Infectious Diseases Research | 1560 G LA057               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 4,987                | -                                | Allergy and Infectious Diseases Research | 1560 G LA222               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 42,894               | -                                | Allergy and Infectious Diseases Research | 1560 G LA429               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 18,203               | -                                | Allergy and Infectious Diseases Research | 1560 G LA567               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 24,110               | -                                | Allergy and Infectious Diseases Research | 1560 G LC078               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 305,185              | -                                | Allergy and Infectious Diseases Research | 1560 G YB302               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 14,663               | -                                | Allergy and Infectious Diseases Research | 1560 G YB540               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 18,316               | -                                | Allergy and Infectious Diseases Research | 1560 G YC859               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 21,710               | -                                | Allergy and Infectious Diseases Research | 1560 G ZA294               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 12,993               | -                                | Allergy and Infectious Diseases Research | 1560 G ZA797               | University of California at Los Angeles                      |                              |
| 93.855      | I                | (3,308)              | -                                | Allergy and Infectious Diseases Research | 1560 G ZA849               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 345,835              | -                                | Allergy and Infectious Diseases Research | 1650 G ZA331               | University of California at Los Angeles                      |                              |
| 93.855      | I                | 243,904              | -                                | Allergy and Infectious Diseases Research | 19-5722                    | EcoHealth Alliance   |                              |
| 93.855      | I                | 85,300               | -                                | Allergy and Infectious Diseases Research | 1R01AI147731-01A1 (01)     | University of Texas Rio Grande Valley                        |                              |
| 93.855      | I                | 57,751               | -                                | Allergy and Infectious Diseases Research | 1R41AI142847-02            | Irex Pharma LLC  |                              |
| 93.855      | I                | 47,870               | -                                | Allergy and Infectious Diseases Research | 1R41DK135288-01            | Banfieldbio Inc  |                              |
| 93.855      | I                | 36,404               | -                                | Allergy and Infectious Diseases Research | 1R44AI172565-01            | Banfieldbio Inc  |                              |
| 93.855      | I                | (442)                | -                                | Allergy and Infectious Diseases Research | 2-5-23319                  | University of Colorado Denver                                |                              |
| 93.855      | I                | 23,423               | -                                | Allergy and Infectious Diseases Research | 20-1592                    | The Desmond Tutu Health Foundation                           |                              |
| 93.855      | I                | (3,200)              | -                                | Allergy and Infectious Diseases Research | 20-2619                    | Mucommune, LLC   |                              |
| 93.855      | I                | 13,626               | -                                | Allergy and Infectious Diseases Research | 20-4644                    | Eldec Pharmaceuticals, Inc                                   |                              |
| 93.855      | I                | 3,174                | -                                | Allergy and Infectious Diseases Research | 20-4903                    | Mucommune, LLC   |                              |
| 93.855      | I                | 19,389               | -                                | Allergy and Infectious Diseases Research | 200002510                  | Cleveland State University                                   |                              |
| 93.855      | I                | (2,576)              | -                                | Allergy and Infectious Diseases Research | 2002815334                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 568,708              | -                                | Allergy and Infectious Diseases Research | 2003383922                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 134,611              | -                                | Allergy and Infectious Diseases Research | 2003478036                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 274,535              | -                                | Allergy and Infectious Diseases Research | 2004269187                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 38,881               | -                                | Allergy and Infectious Diseases Research | 2004360886                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | (745)                | -                                | Allergy and Infectious Diseases Research | 2004738349                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 748,690              | -                                | Allergy and Infectious Diseases Research | 2004841029                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 87,920               | -                                | Allergy and Infectious Diseases Research | 2005166603                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 7,550                | -                                | Allergy and Infectious Diseases Research | 2005291417 LDR 20          | Johns Hopkins University                                     |                              |
| 93.855      | I                | 6,757                | -                                | Allergy and Infectious Diseases Research | 2005683463                 | Johns Hopkins University                                     |                              |
| 93.855      | I                | 6,411                | -                                | Allergy and Infectious Diseases Research | 2005709107                 | Johns Hopkins University                                     |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                        | Pass-Through Entity Number     | Pass-Through Entity Name                  | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--------------------------------|---|------------------------------|
| 93.855      | I                | 83                   | -                                | Allergy and Infectious Diseases Research | 20123803-UNC                   | National Jewish Health                    |                              |
| 93.855      | I                | 48,751               | -                                | Allergy and Infectious Diseases Research | 2020-0649                      | Synoxa Sciences, Inc.                     |                              |
| 93.855      | I                | 51,542               | -                                | Allergy and Infectious Diseases Research | 2020-1700                      | Synoxa Sciences, Inc.                     |                              |
| 93.855      | I                | 37,909               | -                                | Allergy and Infectious Diseases Research | 2021-1866                      | Synshark LLC                              |                              |
| 93.855      | I                | 26,475               | -                                | Allergy and Infectious Diseases Research | 2021-46                        | University of Oklahoma                    |                              |
| 93.855      | I                | (2,714)              | -                                | Allergy and Infectious Diseases Research | 203-2319/203-1380              | Duke University Medical Center            |                              |
| 93.855      | I                | (6,013)              | -                                | Allergy and Infectious Diseases Research | 203-4121                       | Duke University                           |                              |
| 93.855      | I                | (2,369)              | -                                | Allergy and Infectious Diseases Research | 203-7757                       | Duke University                           |                              |
| 93.855      | I                | (992)                | -                                | Allergy and Infectious Diseases Research | 2031965                        | Duke University Medical Center            |                              |
| 93.855      | I                | (1,954)              | -                                | Allergy and Infectious Diseases Research | 2033193                        | Duke University Medical Center            |                              |
| 93.855      | I                | (790)                | -                                | Allergy and Infectious Diseases Research | 2033868                        | Duke University Medical Center            |                              |
| 93.855      | I                | 115,732              | -                                | Allergy and Infectious Diseases Research | 203504ECU/ 5R01A1136904-02     | University of Notre Dame du Lac           |                              |
| 93.855      | I                | 164,882              | -                                | Allergy and Infectious Diseases Research | 203504UNC                      | University of Notre Dame                  |                              |
| 93.855      | I                | (4,278)              | -                                | Allergy and Infectious Diseases Research | 203533-05                      | Cornell University Medical Campus         |                              |
| 93.855      | I                | 4,897                | -                                | Allergy and Infectious Diseases Research | 20389/PO#1000010783            | University of Maryland at Baltimore (UMB) |                              |
| 93.855      | I                | (323)                | -                                | Allergy and Infectious Diseases Research | 21-A1112                       | George Washington University              |                              |
| 93.855      | I                | 7,553                | -                                | Allergy and Infectious Diseases Research | 22-86220-03                    | University of Texas Medical Branch at Ga  |                              |
| 93.855      | I                | 267,322              | -                                | Allergy and Infectious Diseases Research | 224544-A                       | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 59,828               | -                                | Allergy and Infectious Diseases Research | 227909-1                       | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 298,140              | -                                | Allergy and Infectious Diseases Research | 227909-5                       | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 419,953              | -                                | Allergy and Infectious Diseases Research | 23-0401                        | Eldec Pharmaceuticals, Inc                |                              |
| 93.855      | I                | 5,366                | -                                | Allergy and Infectious Diseases Research | 25901-82-324                   | Wistar Institute                          |                              |
| 93.855      | I                | 2,252                | -                                | Allergy and Infectious Diseases Research | 2835409/P40669                 | Imperial College London                   |                              |
| 93.855      | I                | 43,412               | -                                | Allergy and Infectious Diseases Research | 299815414-UNC-02               | Monash University                         |                              |
| 93.855      | I                | 67,525               | -                                | Allergy and Infectious Diseases Research | 3007537321/ SUBK00016306       | University of Michigan (UMICH)            |                              |
| 93.855      | I                | (103)                | -                                | Allergy and Infectious Diseases Research | 302-0567                       | Duke University Medical Center            |                              |
| 93.855      | I                | 60,414               | -                                | Allergy and Infectious Diseases Research | 302000152                      | Duke University                           |                              |
| 93.855      | I                | (1,482)              | -                                | Allergy and Infectious Diseases Research | 3021731                        | Duke University                           |                              |
| 93.855      | I                | (3,215)              | -                                | Allergy and Infectious Diseases Research | 3021735                        | Duke University                           |                              |
| 93.855      | I                | 6,611                | -                                | Allergy and Infectious Diseases Research | 3021926                        | Duke University                           |                              |
| 93.855      | I                | 63,922               | -                                | Allergy and Infectious Diseases Research | 3021927                        | Duke University                           |                              |
| 93.855      | I                | 44,732               | -                                | Allergy and Infectious Diseases Research | 303-001853                     | Duke University                           |                              |
| 93.855      | I                | 915,306              | -                                | Allergy and Infectious Diseases Research | 303000021                      | Duke University                           |                              |
| 93.855      | I                | 36,019               | -                                | Allergy and Infectious Diseases Research | 303000135                      | Duke University                           |                              |
| 93.855      | I                | 49,894               | -                                | Allergy and Infectious Diseases Research | 303000152                      | Duke University                           |                              |
| 93.855      | I                | 3,353                | -                                | Allergy and Infectious Diseases Research | 303000155                      | Duke University                           |                              |
| 93.855      | I                | 41,250               | -                                | Allergy and Infectious Diseases Research | 303000461                      | Duke University                           |                              |
| 93.855      | I                | 15,157               | -                                | Allergy and Infectious Diseases Research | 303000649                      | Duke University                           |                              |
| 93.855      | I                | 335,674              | -                                | Allergy and Infectious Diseases Research | 303001011                      | Duke University                           |                              |
| 93.855      | I                | 55,849               | -                                | Allergy and Infectious Diseases Research | 303001435                      | Duke University                           |                              |
| 93.855      | I                | 59,909               | -                                | Allergy and Infectious Diseases Research | 303001656                      | Duke University                           |                              |
| 93.855      | I                | 36,019               | -                                | Allergy and Infectious Diseases Research | 303001666                      | Duke University                           |                              |
| 93.855      | I                | 5,432                | -                                | Allergy and Infectious Diseases Research | 303001883                      | Duke University                           |                              |
| 93.855      | I                | 6,989                | -                                | Allergy and Infectious Diseases Research | 309363 (CT1) PO 3100           | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | 25,054               | -                                | Allergy and Infectious Diseases Research | 309363 (CT1)PO3100834082       | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | 46,213               | -                                | Allergy and Infectious Diseases Research | 309364 (CT2) 3100774           | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | (547)                | -                                | Allergy and Infectious Diseases Research | 31121B PO 864850               | Albert Einstein College of Medicine Inc   |                              |
| 93.855      | I                | 55,207               | -                                | Allergy and Infectious Diseases Research | 31121D P0923045                | Albert Einstein College of Medicine Inc   |                              |
| 93.855      | I                | 60,621               | -                                | Allergy and Infectious Diseases Research | 3200003246-20-286/PO7800005283 | University of Kentucky                    |                              |
| 93.855      | I                | 122,630              | -                                | Allergy and Infectious Diseases Research | 33109SUB52706                  | University of Vermont                     |                              |
| 93.855      | I                | 101,819              | -                                | Allergy and Infectious Diseases Research | 4500003386                     | Boston University Board of Trustees       |                              |
| 93.855      | I                | (874)                | -                                | Allergy and Infectious Diseases Research | 473K174                        | University of Wisconsin                   |                              |
| 93.855      | I                | 48,729               | -                                | Allergy and Infectious Diseases Research | 4740 PO966808                  | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 217,818              | -                                | Allergy and Infectious Diseases Research | 4740/ 65852 PO 966808          | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 66,961               | -                                | Allergy and Infectious Diseases Research | 4741 PO 971211                 | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 137,729              | -                                | Allergy and Infectious Diseases Research | 492004                         | University of Arizona                     |                              |
| 93.855      | I                | 81,031               | -                                | Allergy and Infectious Diseases Research | 50046-324-UNC01                | Hektoen Institute, L.L.C.                 |                              |
| 93.855      | I                | 121,350              | -                                | Allergy and Infectious Diseases Research | 50047-324-UNC01                | Hektoen Institute, L.L.C.                 |                              |
| 93.855      | I                | 40,026               | -                                | Allergy and Infectious Diseases Research | 5121889                        | Mucommune, LLC                            |                              |
| 93.855      | I                | 194,650              | -                                | Allergy and Infectious Diseases Research | 513954 SUBGRANT 1              | University of Toronto                     |                              |
| 93.855      | I                | 13,300               | -                                | Allergy and Infectious Diseases Research | 575196                         | Trustees of the Univ. of Pennsylvania     |                              |
| 93.855      | I                | 85,241               | -                                | Allergy and Infectious Diseases Research | 5849/ PO 1035935/ 65852        | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 665                  | -                                | Allergy and Infectious Diseases Research | 60040631 UNC                   | Northwestern University                   |                              |
| 93.855      | I                | 219,335              | -                                | Allergy and Infectious Diseases Research | 62624322-116098                | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 53,846               | -                                | Allergy and Infectious Diseases Research | 62948433-193723                | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 146,134              | -                                | Allergy and Infectious Diseases Research | 63054089-242682                | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 5,431                | -                                | Allergy and Infectious Diseases Research | 7000000953                     | Baylor University College of Medicine     |                              |
| 93.855      | I                | (13,708)             | -                                | Allergy and Infectious Diseases Research | 703673                         | University of California at San Diego     |                              |
| 93.855      | I                | (7,588)              | -                                | Allergy and Infectious Diseases Research | 7922 (Site 0091)               | Duke University                           |                              |
| 93.855      | I                | (6,763)              | -                                | Allergy and Infectious Diseases Research | 8227SC                         | University of California at San Francisco |                              |
| 93.855      | I                | 810                  | -                                | Allergy and Infectious Diseases Research | 8587sc                         | University of California at San Francisco |                              |
| 93.855      | I                | 861                  | -                                | Allergy and Infectious Diseases Research | 94075853                       | University of California at San Diego     |                              |
| 93.855      | I                | (21,759)             | -                                | Allergy and Infectious Diseases Research | A032960                        | Duke University                           |                              |
| 93.855      | I                | 33,054               | -                                | Allergy and Infectious Diseases Research | A033980                        | Duke University                           |                              |
| 93.855      | I                | 68,540               | -                                | Allergy and Infectious Diseases Research | A034953                        | Duke University                           |                              |
| 93.855      | I                | 8,279                | -                                | Allergy and Infectious Diseases Research | A035189                        | Duke University                           |                              |
| 93.855      | I                | (3,074)              | -                                | Allergy and Infectious Diseases Research | A039061                        | Duke University                           |                              |
| 93.855      | I                | (4,151)              | -                                | Allergy and Infectious Diseases Research | A039076                        | Duke University                           |                              |
| 93.855      | I                | 228,833              | -                                | Allergy and Infectious Diseases Research | A22-0073-S002                  | University of South Alabama               |                              |
| 93.855      | I                | 15,177               | -                                | Allergy and Infectious Diseases Research | A425048                        | Emory University (EU)                     |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                        | Pass-Through Entity Number  | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|---|--|------------------------------|
| 93.855      | I                | 70,366               | -                                | Allergy and Infectious Diseases Research | A520700   | Emory University (EU)                      |                              |
| 93.855      | I                | 203,761              | -                                | Allergy and Infectious Diseases Research | A651146 (A542927)   | Emory University (EU)                      |                              |
| 93.855      | I                | 61,354               | -                                | Allergy and Infectious Diseases Research | A733281   | Emory University (EU)                      |                              |
| 93.855      | I                | 18,324               | -                                | Allergy and Infectious Diseases Research | A770289   | Emory University (EU)                      |                              |
| 93.855      | I                | 4,469                | -                                | Allergy and Infectious Diseases Research | AGMT00008232  | The Methodist Hospital Research Institute  |                              |
| 93.855      | I                | 12,984               | -                                | Allergy and Infectious Diseases Research | AGMT00008429  | The Methodist Hospital Research Institute  |                              |
| 93.855      | I                | 1,798                | -                                | Allergy and Infectious Diseases Research | ALE10 - A phase 2, Double-Blind, Placebo-Controlled Trial of Mycophenolate Mofetil alone or with Voclosporin for Systemic Lupus: Examining Distinct Immunophenotypes to Validate and Enhance Rational Treatment | Emory University (EU)                      |                              |
| 93.855      | I                | 42,808               | -                                | Allergy and Infectious Diseases Research | AWD-002900-G2   | Georgia Institute of Technology            |                              |
| 93.855      | I                | 10,440               | -                                | Allergy and Infectious Diseases Research | Addressing HIV drug resistance research gaps in a cohort of perinatally infected Kenyan children and adolescents  | Miriam Hospital                            |                              |
| 93.855      | I                | 52,887               | -                                | Allergy and Infectious Diseases Research | CON-80004543 (GR120532)   | Yale University                            |                              |
| 93.855      | I                | (26,168)             | -                                | Allergy and Infectious Diseases Research | Determinants of Coronavirus Fidelity in Replication and Pathogenesis  | Vanderbilt University Medical Center       |                              |
| 93.855      | I                | (12,952)             | -                                | Allergy and Infectious Diseases Research | Determinants of Coronavirus Fidelity in Replication and Pathogenesis - Admin Supplement   | Vanderbilt University Medical Center       |                              |
| 93.855      | I                | 48,044               | -                                | Allergy and Infectious Diseases Research | FY20.983.003  | University of Colorado                     |                              |
| 93.855      | I                | 11,903               | -                                | Allergy and Infectious Diseases Research | FY20ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | (9,033)              | -                                | Allergy and Infectious Diseases Research | FY21ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | (36)                 | -                                | Allergy and Infectious Diseases Research | FY21ITN452  | Benaroya Research Institute                |                              |
| 93.855      | I                | 31,660               | -                                | Allergy and Infectious Diseases Research | FY21ITN506  | Benaroya Research Institute                |                              |
| 93.855      | I                | 31,566               | -                                | Allergy and Infectious Diseases Research | FY22.141.003  | University of Colorado Denver              |                              |
| 93.855      | I                | 20,550               | -                                | Allergy and Infectious Diseases Research | FY22ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | 293,887              | -                                | Allergy and Infectious Diseases Research | FY22ITN452  | Benaroya Research Institute                |                              |
| 93.855      | I                | (459)                | -                                | Allergy and Infectious Diseases Research | FY22ITN506  | Benaroya Research Institute                |                              |
| 93.855      | I                | 67,575               | -                                | Allergy and Infectious Diseases Research | FY22ITN521  | Benaroya Research Institute                |                              |
| 93.855      | I                | 1,469                | -                                | Allergy and Infectious Diseases Research | FY22ITN579  | Benaroya Research Institute                |                              |
| 93.855      | I                | 2,781                | 50                               | Allergy and Infectious Diseases Research | FY23ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | 26,978               | -                                | Allergy and Infectious Diseases Research | FY23ITN521  | Benaroya Research Institute                |                              |
| 93.855      | I                | 155,855              | -                                | Allergy and Infectious Diseases Research | G-45078-02  | Colorado State Univ.                       |                              |
| 93.855      | I                | 2                    | -                                | Allergy and Infectious Diseases Research | G10063-19030 0000237127   | Hackensack Meridian Health                 |                              |
| 93.855      | I                | 136,665              | -                                | Allergy and Infectious Diseases Research | GR112601 (CON-80003005)   | Yale University                            |                              |
| 93.855      | I                | 29,901               | -                                | Allergy and Infectious Diseases Research | LDR 17 2004911373   | Johns Hopkins University                   |                              |
| 93.855      | I                | (676)                | -                                | Allergy and Infectious Diseases Research | LDR-10 PO 2002688423  | Johns Hopkins University                   |                              |
| 93.855      | I                | 55,792               | -                                | Allergy and Infectious Diseases Research | M2203745  | Texas A&M Health Science Center            |                              |
| 93.855      | I                | 101,496              | -                                | Allergy and Infectious Diseases Research | M60-NC-075-1101-3   | Institute for Clinical Research            |                              |
| 93.855      | I                | 22,362               | -                                | Allergy and Infectious Diseases Research | NIH-TBSTIGMA-EJU-02   | The Desmond Tutu Health Foundation         |                              |
| 93.855      | I                | 12,603               | -                                | Allergy and Infectious Diseases Research | OS00000162/309364 (C  | Cincinnati Childrens Hospital Medical Ce   |                              |
| 93.855      | I                | 198,118              | -                                | Allergy and Infectious Diseases Research | OSA00000075   | Vanderbilt University                      |                              |
| 93.855      | I                | 121,816              | -                                | Allergy and Infectious Diseases Research | OSP2018037 / WA01177894   | University of Massachusetts Medical School |                              |
| 93.855      | I                | 22,494               | -                                | Allergy and Infectious Diseases Research | PH000875A   | Harvard Pilgrim Health Care                |                              |
| 93.855      | I                | (4,621)              | -                                | Allergy and Infectious Diseases Research | PO 15004410   | Family Health International                |                              |
| 93.855      | I                | 8,613                | -                                | Allergy and Infectious Diseases Research | PO 17004265   | Family Health International                |                              |
| 93.855      | I                | (580)                | -                                | Allergy and Infectious Diseases Research | PO 180016117  | Family Health International                |                              |
| 93.855      | I                | 509,421              | 58,598                           | Allergy and Infectious Diseases Research | PO 18001926   | Family Health International                |                              |
| 93.855      | I                | 15,867               | -                                | Allergy and Infectious Diseases Research | PO 19000834   | Family Health International                |                              |
| 93.855      | I                | 16,446               | -                                | Allergy and Infectious Diseases Research | PO 19000835   | Family Health International                |                              |
| 93.855      | I                | 2,663                | -                                | Allergy and Infectious Diseases Research | PO 20002151   | Family Health International                |                              |
| 93.855      | I                | 23                   | -                                | Allergy and Infectious Diseases Research | PO 20002341   | Family Health International                |                              |
| 93.855      | I                | 609,158              | (1,010)                          | Allergy and Infectious Diseases Research | PO 20002747   | Family Health International                |                              |
| 93.855      | I                | 281,414              | -                                | Allergy and Infectious Diseases Research | PO 20002840   | Family Health International                |                              |
| 93.855      | I                | 3,952                | -                                | Allergy and Infectious Diseases Research | PO 20002914   | Family Health International                |                              |
| 93.855      | I                | (4,550)              | -                                | Allergy and Infectious Diseases Research | PO 2002815334   | Johns Hopkins University                   |                              |
| 93.855      | I                | 405,577              | -                                | Allergy and Infectious Diseases Research | PO 21000539   | Family Health International                |                              |
| 93.855      | I                | 23,029               | -                                | Allergy and Infectious Diseases Research | PO 21000541   | Family Health International                |                              |
| 93.855      | I                | 45,019               | -                                | Allergy and Infectious Diseases Research | PO 21000542   | Family Health International                |                              |
| 93.855      | I                | 42,897               | -                                | Allergy and Infectious Diseases Research | PO 23000593   | Family Health International                |                              |
| 93.855      | I                | 21,470               | (105,396)                        | Allergy and Infectious Diseases Research | PO# 2002815334  | Johns Hopkins University                   |                              |
| 93.855      | I                | 806                  | -                                | Allergy and Infectious Diseases Research | PO#2001317148   | Johns Hopkins University                   |                              |
| 93.855      | I                | 105,516              | -                                | Allergy and Infectious Diseases Research | PO17000385  | Family Health International                |                              |
| 93.855      | I                | 514,101              | -                                | Allergy and Infectious Diseases Research | PO17001853  | Family Health International                |                              |
| 93.855      | I                | 161,819              | 161,819                          | Allergy and Infectious Diseases Research | PO17001868  | Family Health International                |                              |
| 93.855      | I                | 1,676,372            | 159,461                          | Allergy and Infectious Diseases Research | PO17002292  | Family Health International                |                              |
| 93.855      | I                | 40,730               | -                                | Allergy and Infectious Diseases Research | PO19000050  | Family Health International                |                              |
| 93.855      | I                | 70,052               | -                                | Allergy and Infectious Diseases Research | PO19000834  | Family Health International                |                              |
| 93.855      | I                | 38,209               | -                                | Allergy and Infectious Diseases Research | PO19002625  | Family Health International                |                              |
| 93.855      | I                | 904,914              | -                                | Allergy and Infectious Diseases Research | PO20003130  | Family Health International                |                              |
| 93.855      | I                | 242,531              | -                                | Allergy and Infectious Diseases Research | PO21000539  | Family Health International                |                              |
| 93.855      | I                | 21,324               | -                                | Allergy and Infectious Diseases Research | PO21000540  | Family Health International                |                              |
| 93.855      | I                | 25,667               | (33,334)                         | Allergy and Infectious Diseases Research | PSTO PTCL 19 2004911397   | Johns Hopkins University                   |                              |
| 93.855      | I                | (1,865)              | -                                | Allergy and Infectious Diseases Research | Parasite Genomics Core (PGC)  | Johns Hopkins University                   |                              |
| 93.855      | I                | (22,108)             | -                                | Allergy and Infectious Diseases Research | RES510308   | Case Western Reserve University            |                              |
| 93.855      | I                | (1,885)              | -                                | Allergy and Infectious Diseases Research | SA0000976   | University of Texas at Houston Health      |                              |
| 93.855      | I                | 223,887              | -                                | Allergy and Infectious Diseases Research | SBIR: Rapid Quantification Of Nuclear Citrullination In Human Neutrophils   | EpiCypher, Inc.                            |                              |
| 93.855      | I                | 3,029                | -                                | Allergy and Infectious Diseases Research | STTR: Novel strategy to block AAV neutralizing antibody activity  | Nadgen, Inc.                               |                              |
| 93.855      | I                | 140,869              | -                                | Allergy and Infectious Diseases Research | SUB A034260, PROTOCOL 20-0002   | Duke Univ                                  |                              |
| 93.855      | I                | 18,340               | -                                | Allergy and Infectious Diseases Research | SUB00000138 WA01249073  | University of Massachusetts Medical School |                              |
| 93.855      | I                | 259,666              | -                                | Allergy and Infectious Diseases Research | SUB000003169  | University of Florida                      |                              |
| 93.855      | I                | 5,162                | -                                | Allergy and Infectious Diseases Research | SUB000003735  | University of Florida                      |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

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|-------------|------------------|----------------------|---------------------------|--|--|--|---|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |  |  |   |                              |
| 93.855      | I                | 193,173              | -                         |  | Allergy and Infectious Diseases Research               | SUBK00016306 P03007196723  | University of Michigan (UMICH)                  |                              |
| 93.855      | I                | 27,826               | -                         |  | Allergy and Infectious Diseases Research               | SUBK00017966/ 300711   | University of Michigan Ann Arbor                |                              |
| 93.855      | I                | 12,157               | -                         |  | Allergy and Infectious Diseases Research               | Sub #5849 - Award #65852   | Henry M Jackson Foundation                      |                              |
| 93.855      | I                | 24,982               | -                         |  | Allergy and Infectious Diseases Research               | UCHC7-160359799-A3   | University of Connecticut Health Center         |                              |
| 93.855      | I                | 396,764              | (6,405)                   |  | Allergy and Infectious Diseases Research               | UCHC7-161908983-A5   | University of Connecticut Health Center         |                              |
| 93.855      | I                | 57,805               | -                         |  | Allergy and Infectious Diseases Research               | UCT31220/UCT31464/33625  | University of Cape Town                         |                              |
| 93.855      | I                | 202,579              | -                         |  | Allergy and Infectious Diseases Research               | UWSC11041 / BPO38223   | University of Washington                        |                              |
| 93.855      | I                | 448,795              | -                         |  | Allergy and Infectious Diseases Research               | UWSC14095 BPO# 69607   | University of Washington                        |                              |
| 93.855      | I                | 184,902              | -                         |  | Allergy and Infectious Diseases Research               | VUMC 41666   | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 36,836               | -                         |  | Allergy and Infectious Diseases Research               | VUMC 70553   | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 34,617               | -                         |  | Allergy and Infectious Diseases Research               | VUMC82832  | Vanderbilt University                           |                              |
| 93.855      | I                | 87,909               | -                         |  | Allergy and Infectious Diseases Research               | VUMC88435  | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 10,986               | -                         |  | Allergy and Infectious Diseases Research               | WA01401202/ SUB00000138  | University of Massachusetts Medical School      |                              |
| 93.855      | I                | 343,560              | -                         |  | Allergy and Infectious Diseases Research               | WU-21-206/PO#ST00000215  | Washington University in Saint Louis            |                              |
| 93.856      | I                | 162,362              | -                         |  | Microbiology and Infectious Diseases Research          | 1(GG016891-01) G15730  | Columbia University Trustees                    |                              |
| 93.856      | I                | (44,399)             | -                         |  | Microbiology and Infectious Diseases Research          | 1203003  | Dana Farber Cancer Institute                    |                              |
| 93.859      | D                | 61,237,174           | 1,054,575                 |  | Biomedical Research and Research Training              |  |   |                              |
| 93.859      | I                | 40,238               | -                         |  | Biomedical Research and Research Training              | 1130403  | Fred Hutchinson Cancer Center                   |                              |
| 93.859      | I                | (1,111)              | -                         |  | Biomedical Research and Research Training              | 102208235  | Baylor College of Medicine                      |                              |
| 93.859      | I                | 131,133              | -                         |  | Biomedical Research and Research Training              | 1090551-404471   | Carnegie Mellon Univ                            |                              |
| 93.859      | I                | 96,030               | -                         |  | Biomedical Research and Research Training              | 11650sc  | University of California at San Francisco       |                              |
| 93.859      | I                | 78,257               | -                         |  | Biomedical Research and Research Training              | 13288SC  | Univ Of California-San Francis                  |                              |
| 93.859      | I                | 114                  | -                         |  | Biomedical Research and Research Training              | 20-4720  | Redbud Labs                                     |                              |
| 93.859      | I                | 105,894              | -                         |  | Biomedical Research and Research Training              | 2004080385   | Johns Hopkins University                        |                              |
| 93.859      | I                | 19,413               | -                         |  | Biomedical Research and Research Training              | 2022-55  | University Of Oklahoma                          |                              |
| 93.859      | I                | 132,443              | -                         |  | Biomedical Research and Research Training              | 21-0831  | Epigenos Bioscience, Inc.                       |                              |
| 93.859      | I                | 20,129               | -                         |  | Biomedical Research and Research Training              | 21-2647  | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 291,485              | -                         |  | Biomedical Research and Research Training              | 22-0417  | Redbud Labs                                     |                              |
| 93.859      | I                | 57,185               | -                         |  | Biomedical Research and Research Training              | 22-0663  | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 63,966               | -                         |  | Biomedical Research and Research Training              | 24-6230-0248-002   | University of Nebraska at Lincoln               |                              |
| 93.859      | I                | 32,440               | -                         |  | Biomedical Research and Research Training              | 3004653332/PO3006661157  | University of Michigan (UMICH)                  |                              |
| 93.859      | I                | 13,522               | -                         |  | Biomedical Research and Research Training              | 303-000857   | Duke University                                 |                              |
| 93.859      | I                | 127,718              | -                         |  | Biomedical Research and Research Training              | 303000010  | Duke University                                 |                              |
| 93.859      | I                | (1,010)              | -                         |  | Biomedical Research and Research Training              | 56531-11504-UNC-05   | Sanford-Burnham Medical Research Institute      |                              |
| 93.859      | I                | 65,764               | -                         |  | Biomedical Research and Research Training              | 87367-11331  | Cornell University                              |                              |
| 93.859      | I                | 31,795               | -                         |  | Biomedical Research and Research Training              | ANI1005  | Adamas Nanotechnologies, Inc.                   |                              |
| 93.859      | I                | 40,744               | -                         |  | Biomedical Research and Research Training              | ANI1010  | Adamas Nanotechnologies, Inc.                   |                              |
| 93.859      | I                | 24,258               | -                         |  | Biomedical Research and Research Training              | G0107-Y4   | The Exploratorium                               |                              |
| 93.859      | I                | 91,409               | -                         |  | Biomedical Research and Research Training              | M2300161   | Texas A and M University                        |                              |
| 93.859      | I                | 86,502               | -                         |  | Biomedical Research and Research Training              | OS00000957   | Univ Of Miami                                   |                              |
| 93.859      | I                | 8,349                | -                         |  | Biomedical Research and Research Training              | OSA00000144  | Vanderbilt University                           |                              |
| 93.859      | I                | 57,353               | -                         |  | Biomedical Research and Research Training              | OSP32239-02 WA01036197   | University of Massachusetts Medical School      |                              |
| 93.859      | I                | 448,978              | -                         |  | Biomedical Research and Research Training              | PO 0000002859 GMO 231206   | University of Texas Southwestern Medical        |                              |
| 93.859      | I                | (4,905)              | -                         |  | Biomedical Research and Research Training              | PO#1594722/IN#4684684  | Indiana University System                       |                              |
| 93.859      | I                | (449)                | -                         |  | Biomedical Research and Research Training              | PO#203480  | Jackson Laboratory                              |                              |
| 93.859      | I                | 31,079               | -                         |  | Biomedical Research and Research Training              | PO-000186157   | Louisiana State University                      |                              |
| 93.859      | I                | 150,568              | -                         |  | Biomedical Research and Research Training              | R44GM145007  | EpiCypher, Inc.                                 |                              |
| 93.859      | I                | 110,920              | -                         |  | Biomedical Research and Research Training              | RC111979A  | Michigan State University                       |                              |
| 93.859      | I                | 259,433              | -                         |  | Biomedical Research and Research Training              | SBIR: Development of analytical methods for glycosaminoglycans from biological sources | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 10,553               | -                         |  | Biomedical Research and Research Training              | VUMC75873  | Vanderbilt University Medical Center            |                              |
| 93.865      | D                | 33,428,096           | 11,684,865                |  | Child Health and Human Development Extramural Research |  |   |                              |
| 93.865      | I                | 6,394                | -                         |  | Child Health and Human Development Extramural Research | 000378020-001  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 74,710               | -                         |  | Child Health and Human Development Extramural Research | 000523794-SC002  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 27,134               | -                         |  | Child Health and Human Development Extramural Research | 000526015-SC002  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 16,631               | -                         |  | Child Health and Human Development Extramural Research | 1-312-0216102-65094L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 73,823               | -                         |  | Child Health and Human Development Extramural Research | 1-312-0218239-66673L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 25,598               | -                         |  | Child Health and Human Development Extramural Research | 1-312-0218642-66982L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 3,334                | -                         |  | Child Health and Human Development Extramural Research | 10010822-UNC   | Bowling Green State University                  |                              |
| 93.865      | I                | 8,380                | -                         |  | Child Health and Human Development Extramural Research | 11001106-008   | Purdue University                               |                              |
| 93.865      | I                | 174,608              | -                         |  | Child Health and Human Development Extramural Research | 117267-0385-5121149  | Harvard University                              |                              |
| 93.865      | I                | 295,269              | -                         |  | Child Health and Human Development Extramural Research | 123915   | The Brigham and Women's Hospital Inc.           |                              |
| 93.865      | I                | 2,360                | -                         |  | Child Health and Human Development Extramural Research | 14-NIH-1097  | Duke University                                 |                              |
| 93.865      | I                | (21,287)             | -                         |  | Child Health and Human Development Extramural Research | 154781/PO1000095429  | University of Colorado                          |                              |
| 93.865      | I                | 14,248               | (2,120)                   |  | Child Health and Human Development Extramural Research | 18-2452  | Studio Hagler LLC                               |                              |
| 93.865      | I                | 86,413               | -                         |  | Child Health and Human Development Extramural Research | 2-312-0216665-65432L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | (339)                | -                         |  | Child Health and Human Development Extramural Research | 2-312-0216665-65432L#6543  | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 4,546                | -                         |  | Child Health and Human Development Extramural Research | 20-0916  | Plakous Therapeutics Inc.                       |                              |
| 93.865      | I                | 1,281                | -                         |  | Child Health and Human Development Extramural Research | 20-4222  | Medical College of Wisconsin                    |                              |
| 93.865      | I                | 3,092                | -                         |  | Child Health and Human Development Extramural Research | 2000-G-VM484   | University of California at Los Angeles         |                              |
| 93.865      | I                | 37,063               | -                         |  | Child Health and Human Development Extramural Research | 2005420703   | Johns Hopkins University                        |                              |
| 93.865      | I                | 16,344               | -                         |  | Child Health and Human Development Extramural Research | 2018-3601  | University of California at Irvine (UCI)        |                              |
| 93.865      | I                | 49,320               | -                         |  | Child Health and Human Development Extramural Research | 2020-0928  | Palkous Therapeutics Inc.                       |                              |
| 93.865      | I                | 427,494              | 117,463                   |  | Child Health and Human Development Extramural Research | 21-5554  | George Washington University                    |                              |
| 93.865      | I                | (112)                | -                         |  | Child Health and Human Development Extramural Research | 214189-5   | Cornell University Weill Medical College        |                              |
| 93.865      | I                | 368,668              | -                         |  | Child Health and Human Development Extramural Research | 21612-43392  | Saint Louis University                          |                              |
| 93.865      | I                | 11,506               | -                         |  | Child Health and Human Development Extramural Research | 23-5184 PO 2000067681  | University of South Carolina (USC)              |                              |
| 93.865      | I                | 590                  | -                         |  | Child Health and Human Development Extramural Research | 2831952  | Duke Univ                                       |                              |
| 93.865      | I                | 81,567               | -                         |  | Child Health and Human Development Extramural Research | 2831952-240023   | Duke University                                 |                              |
| 93.865      | I                | 194,841              | -                         |  | Child Health and Human Development Extramural Research | 3(GG014633-01)   | Columbia University                             |                              |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

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|-------------|------------------|----------------------|----------------------------------|--|---|---|------------------------------|
| 93.865      | I                | 85,382               | -                                | Child Health and Human Development Extramural Research | 302000081   | Duke University                                   |                              |
| 93.865      | I                | 62,635               | -                                | Child Health and Human Development Extramural Research | 302000151   | Duke University                                   |                              |
| 93.865      | I                | 97,633               | -                                | Child Health and Human Development Extramural Research | 302000222   | Duke University                                   |                              |
| 93.865      | I                | 367                  | -                                | Child Health and Human Development Extramural Research | 3021848   | Duke University                                   |                              |
| 93.865      | I                | 23,819               | -                                | Child Health and Human Development Extramural Research | 303000516   | Duke University                                   |                              |
| 93.865      | I                | 3,343                | -                                | Child Health and Human Development Extramural Research | 303002012   | Duke University                                   |                              |
| 93.865      | I                | 24,370               | -                                | Child Health and Human Development Extramural Research | 383001512 (BIB) / 2831952   | Duke Univ   |                              |
| 93.865      | I                | 6,042                | -                                | Child Health and Human Development Extramural Research | 383001512 (CPT) / 2831952   | Duke Univ   |                              |
| 93.865      | I                | 10,660               | -                                | Child Health and Human Development Extramural Research | 383001512 (GDB+FU) / 2831952  | Duke Univ   |                              |
| 93.865      | I                | 4,563                | -                                | Child Health and Human Development Extramural Research | 383001512 (PDA) / 2831952   | Duke Univ   |                              |
| 93.865      | I                | 22,097               | 8,236                            | Child Health and Human Development Extramural Research | 412579-19467  | Virginia Tech                                     |                              |
| 93.865      | I                | 83,504               | -                                | Child Health and Human Development Extramural Research | 5122763   | Mucommunne, LLC                                   |                              |
| 93.865      | I                | 28,072               | -                                | Child Health and Human Development Extramural Research | 62966540-226096   | Stanford Univ                                     |                              |
| 93.865      | I                | 35,036               | -                                | Child Health and Human Development Extramural Research | 712-7549  | Emma Pendleton Bradley Hospital                   |                              |
| 93.865      | I                | 90,427               | -                                | Child Health and Human Development Extramural Research | 910008PO U0271241   | Drexel University                                 |                              |
| 93.865      | I                | 236,116              | -                                | Child Health and Human Development Extramural Research | A03-1205  | Duke University                                   |                              |
| 93.865      | I                | 30,238               | -                                | Child Health and Human Development Extramural Research | A03-5606  | Duke University                                   |                              |
| 93.865      | I                | 7                    | -                                | Child Health and Human Development Extramural Research | A031044   | Duke University                                   |                              |
| 93.865      | I                | (2,264)              | -                                | Child Health and Human Development Extramural Research | A031468   | Duke University                                   |                              |
| 93.865      | I                | 279,160              | -                                | Child Health and Human Development Extramural Research | A031512   | Duke University                                   |                              |
| 93.865      | I                | 36,984               | -                                | Child Health and Human Development Extramural Research | A034101   | Duke University                                   |                              |
| 93.865      | I                | 504,561              | -                                | Child Health and Human Development Extramural Research | AWD00004558 (137036-2)  | University of Pittsburgh                          |                              |
| 93.865      | I                | 32,666               | -                                | Child Health and Human Development Extramural Research | BullyDown - Piloting A Social-Emotional Learning-based Bullying Prevention Program Delivered via Text Messaging | Center for Innovative Public Health Rese          |                              |
| 93.865      | I                | 33,081               | -                                | Child Health and Human Development Extramural Research | C00071280-2   | University of Missouri at Columbia                |                              |
| 93.865      | I                | 3,344                | -                                | Child Health and Human Development Extramural Research | FP00008136_SA002  | Virginia Commonwealth University (VCU)            |                              |
| 93.865      | I                | 37,958               | -                                | Child Health and Human Development Extramural Research | FP00008924_SA002  | Virginia Commonwealth University (VCU)            |                              |
| 93.865      | I                | 1,739                | -                                | Child Health and Human Development Extramural Research | FP00015753_SA002  | Virginia Commonwealth University (VCU)            |                              |
| 93.865      | I                | 17,752               | -                                | Child Health and Human Development Extramural Research | FY2021-042  | University of Kansas Center for Research          |                              |
| 93.865      | I                | 20,652               | -                                | Child Health and Human Development Extramural Research | GB10889/PO#2294229  | Rector and Visitors of the University of Virginia |                              |
| 93.865      | I                | 4,920                | -                                | Child Health and Human Development Extramural Research | K000012460  | University of Michigan                            |                              |
| 93.865      | I                | (4,928)              | -                                | Child Health and Human Development Extramural Research | M14A12036 (A10949)  | Yale University                                   |                              |
| 93.865      | I                | 183,793              | -                                | Child Health and Human Development Extramural Research | M2102467  | Texas A&M Univ.                                   |                              |
| 93.865      | I                | 20,615               | 20,108                           | Child Health and Human Development Extramural Research | MFMU Clinical Center Participation Terms & Conditions (TAC)   | George Washington University                      |                              |
| 93.865      | I                | 36,014               | -                                | Child Health and Human Development Extramural Research | N006344802  | University of Minnesota                           |                              |
| 93.865      | I                | 4,029                | -                                | Child Health and Human Development Extramural Research | OS00000517 SPC-002254   | University of Miami                               |                              |
| 93.865      | I                | 59,611               | -                                | Child Health and Human Development Extramural Research | OS00000518 SPC-002255   | University of Miami                               |                              |
| 93.865      | I                | 4,727                | -                                | Child Health and Human Development Extramural Research | OS00000519 PO#SPC-002256  | University of Miami                               |                              |
| 93.865      | I                | (2,349)              | -                                | Child Health and Human Development Extramural Research | PD302900-SC-105276  | Virginia Commonwealth University (VCU)            |                              |
| 93.865      | I                | 241                  | -                                | Child Health and Human Development Extramural Research | PO 20003103 102634.0  | Family Health International                       |                              |
| 93.865      | I                | 215,520              | -                                | Child Health and Human Development Extramural Research | Project#4300352001  | Boston Medical Center                             |                              |
| 93.865      | I                | 1,141                | -                                | Child Health and Human Development Extramural Research | R0000003149   | Florida State University                          |                              |
| 93.865      | I                | 20,622               | -                                | Child Health and Human Development Extramural Research | R0000003151   | Florida State University                          |                              |
| 93.865      | I                | 2,080                | -                                | Child Health and Human Development Extramural Research | R0000003153   | Florida State University                          |                              |
| 93.865      | I                | (653)                | -                                | Child Health and Human Development Extramural Research | SBIR - Web-based Peer Mentor Training to Reduce Hospitalizations for Children with Asthma                       | InquisiHealth Inc                                 |                              |
| 93.865      | I                | 29,866               | -                                | Child Health and Human Development Extramural Research | SC37547-02-05/PO167533  | University of Denver                              |                              |
| 93.865      | I                | 439,391              | -                                | Child Health and Human Development Extramural Research | SPC-002224  | University of Miami                               |                              |
| 93.865      | I                | 15,595               | -                                | Child Health and Human Development Extramural Research | SPC-100004321/GR119855  | Ohio State University                             |                              |
| 93.865      | I                | 282                  | -                                | Child Health and Human Development Extramural Research | SUBAWARD 2831952/SPS 240023   | Duke Univ   |                              |
| 93.865      | I                | 23,141               | -                                | Child Health and Human Development Extramural Research | SUBK00017525 PO3007025892   | University of Michigan (UMICH)                    |                              |
| 93.865      | I                | 318,896              | -                                | Child Health and Human Development Extramural Research | UNC20-315   | Oak Crest Institute of Science                    |                              |
| 93.865      | I                | 127,078              | -                                | Child Health and Human Development Extramural Research | UWSC13108 PO 59689  | University of Washington                          |                              |
| 93.865      | I                | 11,868               | -                                | Child Health and Human Development Extramural Research | VUMC86264   | Vanderbilt University Medical Center              |                              |
| 93.865      | I                | 489,897              | -                                | Child Health and Human Development Extramural Research | WU-19-418/PO ST00000500   | Washington University in Saint Louis              |                              |
| 93.865      | I                | 13,529               | -                                | Child Health and Human Development Extramural Research | WU-22-0254  | Washington University in Saint Louis              |                              |
| 93.865      | I                | 42,784               | -                                | Child Health and Human Development Extramural Research | WU-23-0297 PO#ST00011991  | Washington University in Saint Louis              |                              |
| 93.865      | I                | 36,467               | -                                | Child Health and Human Development Extramural Research | WU-23-0310  | Washington University in Saint Louis              |                              |
| 93.866      | D                | 26,055,135           | 5,460,717                        | Agging Research  |   |   |                              |
| 93.866      | I                | 330,043              | -                                | Agging Research  | 1376  | Brown University                                  |                              |
| 93.866      | I                | 804                  | -                                | Agging Research  | 1574  | Brown University                                  |                              |
| 93.866      | I                | 42,963               | -                                | Agging Research  | 0253-01, PO #S2211654-013   | Oklahoma Medical Research Foundation              |                              |
| 93.866      | I                | 22,721               | -                                | Agging Research  | 1(G2015834-04) SAPO G1679   | Columbia University                               |                              |
| 93.866      | I                | 78,932               | -                                | Agging Research  | 117381028 / PO# S9002317  | University of California at San Diego             |                              |
| 93.866      | I                | (12,163)             | -                                | Agging Research  | 15-NIH-1035   | Duke University                                   |                              |
| 93.866      | I                | 4,126                | -                                | Agging Research  | 15494-04FFS/15318-04-04FFS/ASP  | Hennepin Healthcare Research Institute            |                              |
| 93.866      | I                | 342,444              | -                                | Agging Research  | 1559351 1001381571  | University of Colorado at Boulder                 |                              |
| 93.866      | I                | 3,579                | -                                | Agging Research  | 1560 B XA097  | University of California at Los Angeles           |                              |
| 93.866      | I                | 14,829               | -                                | Agging Research  | 1935 G ZA111  | University of California at Los Angeles           |                              |
| 93.866      | I                | 330,291              | -                                | Agging Research  | 2003475848  | Johns Hopkins University                          |                              |
| 93.866      | I                | 41,655               | -                                | Agging Research  | 2004079614  | Johns Hopkins University                          |                              |
| 93.866      | I                | 7,008                | -                                | Agging Research  | 2004808341  | Johns Hopkins University                          |                              |
| 93.866      | I                | 11,725               | -                                | Agging Research  | 2005089644  | Johns Hopkins University                          |                              |
| 93.866      | I                | 49,228               | -                                | Agging Research  | 2005505345  | Johns Hopkins University                          |                              |
| 93.866      | I                | 8,420                | -                                | Agging Research  | 2005534190  | Johns Hopkins University                          |                              |
| 93.866      | I                | 371,558              | -                                | Agging Research  | 2005778170  | Johns Hopkins University                          |                              |
| 93.866      | I                | 17,194               | -                                | Agging Research  | 2005821016  | Johns Hopkins University                          |                              |
| 93.866      | I                | (2,094)              | -                                | Agging Research  | 201121619-01  | University of California at Davis (UCD)           |                              |
| 93.866      | I                | 10,093               | -                                | Agging Research  | 2019-0684   | Karamedica Inc.                                   |                              |
| 93.866      | I                | 21,729               | -                                | Agging Research  | 2021-1609   | Regents of the University of California           |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title | Pass-Through Entity Number  | Pass-Through Entity Name                                   | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|-------------------|---|--|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |                   |   |  |                              |
| 93.866      | I                | 126,102              | -                         |  | Aging Research    | 2022GC0399  | University of Texas at Arlington                           |                              |
| 93.866      | I                | 44,717               | -                         |  | Aging Research    | 2022GCO399  | University of Texas at Arlington                           |                              |
| 93.866      | I                | 2,867                | -                         |  | Aging Research    | 21-4069   | Prepped Health, LLC  |                              |
| 93.866      | I                | 49,156               | -                         |  | Aging Research    | 2101  | Sapere Bio, Inc  |                              |
| 93.866      | I                | 22,351               | -                         |  | Aging Research    | 22-86085-06   | Univ of Texas Med Branch at Galveston                      |                              |
| 93.866      | I                | 24,907               | -                         |  | Aging Research    | 224332-17R01AG072794-02   | Joan & Sanford Weill Medical College of Cornell University |                              |
| 93.866      | I                | 135                  | -                         |  | Aging Research    | 245360 7912   | Duke University  |                              |
| 93.866      | I                | 35,097               | -                         |  | Aging Research    | 303-000430  | Duke University  |                              |
| 93.866      | I                | 33,311               | -                         |  | Aging Research    | 303-001083  | Duke University  |                              |
| 93.866      | I                | 197,438              | -                         |  | Aging Research    | 303000680   | Duke University  |                              |
| 93.866      | I                | 90,769               | -                         |  | Aging Research    | 303000682   | Duke University  |                              |
| 93.866      | I                | 14,794               | -                         |  | Aging Research    | 303000685   | Duke University  |                              |
| 93.866      | I                | 98,569               | -                         |  | Aging Research    | 303000687   | Duke University  |                              |
| 93.866      | I                | 187,376              | -                         |  | Aging Research    | 303000689   | Duke University  |                              |
| 93.866      | I                | 159,261              | -                         |  | Aging Research    | 303000692   | Duke University  |                              |
| 93.866      | I                | 90,758               | -                         |  | Aging Research    | 30340SUB53046 / PO175824  | University of Vermont                                      |                              |
| 93.866      | I                | 77,979               | -                         |  | Aging Research    | 30917-05467-S01   | Syracuse University  |                              |
| 93.866      | I                | 1,018                | -                         |  | Aging Research    | 33222A PO 857935  | Albert Einstein College of Medicine Inc                    |                              |
| 93.866      | I                | 5,481                | -                         |  | Aging Research    | 33320A PO 908042  | Albert Einstein College of Medicine Inc                    |                              |
| 93.866      | I                | 2,293                | -                         |  | Aging Research    | 412788-19467  | Virginia Tech  |                              |
| 93.866      | I                | 31,860               | -                         |  | Aging Research    | 501668SG2233  | DePaul University  |                              |
| 93.866      | I                | 11,291               | -                         |  | Aging Research    | 571259  | Univ Of Pennsylvania                                       |                              |
| 93.866      | I                | 9,205                | -                         |  | Aging Research    | 572013  | Univ of Pennsylvania                                       |                              |
| 93.866      | I                | 193,212              | -                         |  | Aging Research    | 583547 PO#4762135   | Univ Of Pennsylvania                                       |                              |
| 93.866      | I                | 62,590               | -                         |  | Aging Research    | 584757 PO#4927332   | Univ Of Pennsylvania                                       |                              |
| 93.866      | I                | 23,633               | -                         |  | Aging Research    | 585030  | Trustees of the Univ. of Pennsylvania                      |                              |
| 93.866      | I                | 23,262               | -                         |  | Aging Research    | 60063415 NCSU   | Northwestern University                                    |                              |
| 93.866      | I                | 17,632               | 3,000                     |  | Aging Research    | 60254.2005087.669306  | Beckman Research Institute of the City                     |                              |
| 93.866      | I                | 33,852               | -                         |  | Aging Research    | 608-SC01  | Barron Associates, Inc.                                    |                              |
| 93.866      | I                | 24,531               | -                         |  | Aging Research    | 62721993-229854   | Stanford University  |                              |
| 93.866      | I                | (13,414)             | -                         |  | Aging Research    | 7(GG013385-16)  | Columbia University  |                              |
| 93.866      | I                | 24,828               | -                         |  | Aging Research    | 8733_UNC  | Trustees of Indiana University                             |                              |
| 93.866      | I                | 34,087               | -                         |  | Aging Research    | 90108   | Hebrew Rehabilitation Center                               |                              |
| 93.866      | I                | 52,831               | -                         |  | Aging Research    | A03-3211  | Duke University  |                              |
| 93.866      | I                | 2,281                | -                         |  | Aging Research    | A030931   | Duke University  |                              |
| 93.866      | I                | 60,801               | -                         |  | Aging Research    | A032814   | Duke University  |                              |
| 93.866      | I                | 87,876               | -                         |  | Aging Research    | A034122   | Duke University  |                              |
| 93.866      | I                | 45,554               | -                         |  | Aging Research    | A034269   | Duke University  |                              |
| 93.866      | I                | 4,677                | -                         |  | Aging Research    | A035412   | Duke University  |                              |
| 93.866      | I                | (2,699)              | -                         |  | Aging Research    | A035414   | Duke University  |                              |
| 93.866      | I                | (1,184)              | -                         |  | Aging Research    | A035417   | Duke University  |                              |
| 93.866      | I                | (2,173)              | -                         |  | Aging Research    | A035419   | Duke University  |                              |
| 93.866      | I                | 1,297                | -                         |  | Aging Research    | A035421   | Duke University  |                              |
| 93.866      | I                | 1,645                | -                         |  | Aging Research    | A035424   | Duke University  |                              |
| 93.866      | I                | 10,622               | -                         |  | Aging Research    | A18-0168-S001   | University of California at Davis (UCD)                    |                              |
| 93.866      | I                | 82,644               | -                         |  | Aging Research    | A21-0041-S001   | Rensselaer Polytechnic Institute (RPI)                     |                              |
| 93.866      | I                | 396,104              | -                         |  | Aging Research    | A548199   | Emory University (EU)                                      |                              |
| 93.866      | I                | 12,833               | -                         |  | Aging Research    | A647082   | Emory University (EU)                                      |                              |
| 93.866      | I                | 1,600,737            | -                         |  | Aging Research    | A727376   | Emory University (EU)                                      |                              |
| 93.866      | I                | 12,441               | -                         |  | Aging Research    | AG069476-ECU01  | Pennington Biomedical Research Center                      |                              |
| 93.866      | I                | 10,520               | -                         |  | Aging Research    | AWD00004796 (136884-1)  | University of Pittsburgh                                   |                              |
| 93.866      | I                | 21,950               | -                         |  | Aging Research    | AWD002717 (134965-4)  | University of Pittsburgh                                   |                              |
| 93.866      | I                | 187                  | -                         |  | Aging Research    | AWD062370 SUB00000453   | University of Chicago                                      |                              |
| 93.866      | I                | 56,462               | -                         |  | Aging Research    | B001018428  | University of Massachusetts at Boston                      |                              |
| 93.866      | I                | 35,850               | -                         |  | Aging Research    | CHA-263134  | Mayo Clinic in Rochester                                   |                              |
| 93.866      | I                | (385)                | -                         |  | Aging Research    | CHA-263134/PO67115768   | Mayo Clinic in Rochester                                   |                              |
| 93.866      | I                | 65,124               | -                         |  | Aging Research    | CHH-263134-02/ 68234744   | Mayo Clinic  |                              |
| 93.866      | I                | 15,930               | -                         |  | Aging Research    | GR113863 (CON-800031  | Yale University  |                              |
| 93.866      | I                | 149,465              | -                         |  | Aging Research    | KR 705391   | University of California at San Diego                      |                              |
| 93.866      | I                | 145,307              | -                         |  | Aging Research    | OS00000610/SPC-002578   | University of Miami  |                              |
| 93.866      | I                | 4,578                | -                         |  | Aging Research    | PO 519285 AWD-002617  | Georgia Institute of Technology                            |                              |
| 93.866      | I                | (9,984)              | -                         |  | Aging Research    | PO#300010083/23030.   | City of Hope National Medical Center                       |                              |
| 93.866      | I                | 7,428                | -                         |  | Aging Research    | RC114177UNC   | Michigan State University                                  |                              |
| 93.866      | I                | 403,200              | -                         |  | Aging Research    | RES516757   | CASE Western Reserve University & Duke-UNC                 |                              |
| 93.866      | I                | 1,372                | -                         |  | Aging Research    | S001803-DHHS  | Alzheimer's Disease Research Center                        |                              |
| 93.866      | I                | 40,371               | -                         |  | Aging Research    | SBIR: Development of Aberrant Cdk5 Imaging agent for early detection of Alzheimer's disease pathology and treatment outcome measurement | Pennsylvania State University                              |                              |
| 93.866      | I                | (25,296)             | -                         |  | Aging Research    | SBIR: Phase II SBIR # 4R44AG059279-02   | Aestas Pharma, Inc.  |                              |
| 93.866      | I                | 18,920               | -                         |  | Aging Research    | SP14124-SB03  | Cylerus, Inc   |                              |
| 93.866      | I                | 83,904               | -                         |  | Aging Research    | SPC-1000005361 / GR123885   | University of Mississippi Medical Center                   |                              |
| 93.866      | I                | 3,196                | -                         |  | Aging Research    | STE2196-14  | Ohio State University                                      |                              |
| 93.866      | I                | 625                  | -                         |  | Aging Research    | STE2196-39  | Northern California Institute for Research                 |                              |
| 93.866      | I                | 22,445               | -                         |  | Aging Research    | STTR: Band Pass: A Remote Monitoring System for Sarcopenia and Functional Decline   | Northern California Institute for Research                 |                              |
| 93.866      | I                | 76                   | -                         |  | Aging Research    | SUBAWARD NO: 15267-04-01FFS   | SynchroHealth, LLC   |                              |
| 93.866      | I                | (9,916)              | -                         |  | Aging Research    | Study of Latinos - Investigation of Neurocognitive Aging 2  | Hennepin Healthcare Research Institute                     |                              |
| 93.866      | I                | 24,296               | -                         |  | Aging Research    | Subaward No: Overman 21-001   | University of California at San Diego                      |                              |
| 93.866      | I                | 21,605               | -                         |  | Aging Research    | UTAI8-000524  | Elon University  |                              |
| 93.866      | I                | 130,581              | -                         |  | Aging Research    | UWSC12782   | University of Texas at Austin                              |                              |
|             |                  |                      |                           |  |                   |   | University of Washington                                   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|--|---|---|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |  |   |   |                              |
| 93.867      | D                | 1,501,433            | 232,349                   |  | Vision Research  |   |   |                              |
| 93.867      | I                | 9,876                | -                         |  | Vision Research  | 10048893-01   | University of Utah                              |                              |
| 93.867      | I                | 63,728               | 4,000                     |  | Vision Research  | 1019606_UNC   | Oregon Health and Science University            |                              |
| 93.867      | I                | 27,124               | -                         |  | Vision Research  | 17710   | University of Illinois                          |                              |
| 93.867      | I                | 3,097                | -                         |  | Vision Research  | 1R41EY021943-01A1   | Vascular Pharmaceuticals, Inc.                  |                              |
| 93.867      | I                | 102                  | -                         |  | Vision Research  | 2019-1724   | Biomarck Pharmaceuticals                        |                              |
| 93.867      | I                | (815)                | -                         |  | Vision Research  | 2020-0615   | Retinal Care                                    |                              |
| 93.867      | I                | 193,877              | -                         |  | Vision Research  | 2021-1818   | Retinal Care                                    |                              |
| 93.867      | I                | 5,917                | -                         |  | Vision Research  | 63141977-279602   | Leland Stanford Junior University (LSJU)        |                              |
| 93.867      | I                | 32,801               | -                         |  | Vision Research  | AWD000002082  | University of Pittsburgh                        |                              |
| 93.867      | I                | 17,127               | -                         |  | Vision Research  | Diabetic Retinopathy Clinical Research Network  | Jaeb Center for Health Research                 |                              |
| 93.867      | I                | (1,583)              | -                         |  | Vision Research  | LUM-1901A   | Lumedica, Inc.                                  |                              |
| 93.867      | I                | 30,377               | -                         |  | Vision Research  | Pediatric Eye Disease Investigator Group Master Agreement   | Jaeb Center for Health Research                 |                              |
| 93.867      | I                | 45,990               | -                         |  | Vision Research  | R41EY03262  | Bedrock Therapeutics                            |                              |
| 93.867      | I                | 98,211               | -                         |  | Vision Research  | STTR: Novel platform for optimizing AAV transgene expression to improve efficacy of ocular disease gene therapies | Epigenos Bioscience, Inc.                       |                              |
| 93.867      | I                | 207                  | -                         |  | Vision Research  | STTR: Prevention of Corneal Transplant Rejection using AAV-HLA-G Combination Therapy                              | Bedrock Therapeutics                            |                              |
| 93.876      | D                | 173,446              | -                         |  | Antimicrobial Resistance Surveillance in Retail Food Specimens   |   |   |                              |
| 93.877      | D                | 23,249               | -                         |  | Autism Collaboration, Accountability, Research, Education, and Support   |   |   |                              |
| 93.877      | I                | 14,126               | -                         |  | Autism Collaboration, Accountability, Research, Education, and Support   | 1557 G ZB481  | University of California at Los Angeles         |                              |
| 93.877      | I                | 17,589               | -                         |  | Autism Collaboration, Accountability, Research, Education, and Support   | 1557PZB444  | University of California at Los Angeles         |                              |
| 93.879      | D                | 1,362,810            | 322,026                   |  | Medical Library Assistance   |   |   |                              |
| 93.879      | I                | 41,180               | -                         |  | Medical Library Assistance   | 109757-19029  | University of Illinois at Urbana-Champaign      |                              |
| 93.884      | D                | 886,351              | 285,424                   |  | Grants for Primary Care Training and Enhancement   |   |   |                              |
| 93.898      | I                | 13,378               | -                         |  | Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations                                   | 3409024960  | Oklahoma State Department of Health             |                              |
| 93.912      | I                | 234                  | -                         |  | Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement | AWD-23-0145-001   | Foundation for Health Leadership and Innovation |                              |
| 93.913      | I                | (4,996)              | -                         |  | Grants to States for Operation of State Offices of Rural Health  | GR403952  | Brandeis University                             |                              |
| 93.918      | D                | 809,103              | 241,417                   |  | Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease                                     |   |   |                              |
| 93.924      | D                | 4,356                | -                         |  | Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants                                   |   |   |                              |
| 93.926      | D                | (1,009)              | -                         |  | Healthy Start Initiative   |   |   |                              |
| 93.928      | I                | (39,246)             | -                         |  | Special Projects of National Significance  | SPNS_JAIL Aids United   | National AIDS Fund                              |                              |
| 93.941      | D                | 311,412              | 177,159                   |  | HIV Demonstration, Research, Public and Professional Education Projects  |   |   |                              |
| 93.941      | I                | 1,614                | -                         |  | HIV Demonstration, Research, Public and Professional Education Projects  | 458-45117-10000011580   | Wake Forest Univ Health Sciences                |                              |
| 93.945      | D                | 801,721              | 27,462                    |  | Assistance Programs for Chronic Disease Prevention and Control   |   |   |                              |
| 93.945      | I                | 40,076               | -                         |  | Assistance Programs for Chronic Disease Prevention and Control   | 0618-076  | Alaska Department of Health and Social          |                              |
| 93.945      | I                | 17,623               | -                         |  | Assistance Programs for Chronic Disease Prevention and Control   | 21-4177   | University of South Carolina (USC)              |                              |
| 93.945      | I                | 116,451              | -                         |  | Assistance Programs for Chronic Disease Prevention and Control   | Subcontract CDC_0002  | Crohns and Colitis Foundation of America        |                              |
| 93.958      | D                | 24,657               | -                         |  | Block Grants for Community Mental Health Services  |   |   |                              |
| 93.958      | I                | 195,955              | 155,368                   |  | Block Grants for Community Mental Health Services  | 121289-4  | Sandhills Center                                |                              |
| 93.958      | I                | 155,916              | -                         |  | Block Grants for Community Mental Health Services  | 359000020   | Duke University                                 |                              |
| 93.958      | I                | 730,447              | -                         |  | Block Grants for Community Mental Health Services  | 359000065   | Duke University                                 |                              |
| 93.959      | D                | (122)                | -                         |  | Block Grants for Prevention and Treatment of Substance Abuse   |   |   |                              |
| 93.959      | I                | 797,447              | 372,819                   |  | Block Grants for Prevention and Treatment of Substance Abuse   | 23-SA-43  | Sandhills Center                                |                              |
| 93.959      | I                | 10,000               | -                         |  | Block Grants for Prevention and Treatment of Substance Abuse   | MOU signed 12/4/21  | Governor's Institute on Substance Abuse         |                              |
| 93.959      | I                | 27,009               | -                         |  | Block Grants for Prevention and Treatment of Substance Abuse   | UT AUS-SUB00000624  | University of Texas at Austin                   |                              |
| 93.964      | D                | (9,787)              | -                         |  | Prevention and Public Health Fund (PPHF) Public Health Traineeships  |   |   |                              |
| 93.967      | I                | 112,525              | -                         |  | CDC's Collaboration with Academia to Strengthen Public Health  | G2543_AG_1201   | National Network of Public Health Instt         |                              |
| 93.969      | D                | 857,133              | 209,360                   |  | PPHF Geriatric Education Centers   |   |   |                              |
| 93.969      | I                | 19,883               | -                         |  | PPHF Geriatric Education Centers   | ULRF_19-0740S2-01   | University of Louisville Research Foundation    |                              |
| 93.969      | I                | 64,717               | -                         |  | PPHF Geriatric Education Centers   | ULRF_19-0740S3-01   | University of Louisville Research Foundation    |                              |
| 93.978      | I                | 26,529               | -                         |  | Sexually Transmitted Diseases (STD) Provider Education Grants  | 102644  | Family Health International                     |                              |
| 93.989      | D                | 3,534,264            | 933,091                   |  | International Research and Research Training   |   |   |                              |
| 93.989      | I                | 24,075               | -                         |  | International Research and Research Training   | 1062.01.51  | Pacific Institute for Research and Evala        |                              |
| 93.989      | I                | (294)                | -                         |  | International Research and Research Training   | 1670 PO 1399181   | Rutgers the State University of New Jersey      |                              |
| 93.989      | I                | 4,789                | -                         |  | International Research and Research Training   | 210831  | Wheaton College                                 |                              |
| 93.989      | I                | (2,558)              | -                         |  | International Research and Research Training   | 60035474 UNC  | Northwestern University                         |                              |
| 93.989      | I                | 16,789               | -                         |  | International Research and Research Training   | S005253   | Stellenbosch University                         |                              |
| 93.991      | I                | 27,431               | -                         |  | Preventive Health and Health Services Block Grant  | 22-4374   | Mississippi Department of Human Services        |                              |
| 93.991      | I                | 16,569               | -                         |  | Preventive Health and Health Services Block Grant  | 23-0308   | Health Council of Southeast Florida             |                              |
| 93.994      | I                | 3,932                | -                         |  | Maternal and Child Health Services Block Grant to the States   | 66696   | Indiana Department of Health                    |                              |
| 93.RD       | D                | 30,844               | -                         |  | U. S. Department of Health and Human Services  |   |   | 22IPA2211283                 |
| 93.RD       | D                | 105,062              | -                         |  | U. S. Department of Health and Human Services  |   |   | 75D30121C10186               |
| 93.RD       | D                | 150,007              | -                         |  | U. S. Department of Health and Human Services  |   |   | 75D30121C10561               |
| 93.RD       | D                | 561,086              | 471,019                   |  | U. S. Department of Health and Human Services  |   |   | 75D30121C11587               |
| 93.RD       | D                | (11,919)             | -                         |  | U. S. Department of Health and Human Services  |   |   | 75F40120C00124               |
| 93.RD       | D                | 90,654               | 20,000                    |  | U. S. Department of Health and Human Services  |   |   | 75F40121C00065               |
| 93.RD       | D                | 98,504               | 16,666                    |  | U. S. Department of Health and Human Services  |   |   | 75F40121C00123               |
| 93.RD       | D                | (853)                | -                         |  | U. S. Department of Health and Human Services  |   |   | A11-0361-001                 |
| 93.RD       | D                | 1,469                | -                         |  | U. S. Department of Health and Human Services  |   |   | A11-0633-001                 |
| 93.RD       | D                | 8,127                | -                         |  | U. S. Department of Health and Human Services  |   |   | A13-0387-001                 |
| 93.RD       | D                | (858)                | -                         |  | U. S. Department of Health and Human Services  |   |   | A14-1164-001                 |
| 93.RD       | D                | 8,560                | -                         |  | U. S. Department of Health and Human Services  |   |   | A15-0235-001                 |
| 93.RD       | D                | (2,053)              | -                         |  | U. S. Department of Health and Human Services  |   |   | A17-0687-007                 |
| 93.RD       | D                | 329,308              | -                         |  | U. S. Department of Health and Human Services  |   |   | A17-1593-005                 |
| 93.RD       | D                | 255,897              | -                         |  | U. S. Department of Health and Human Services  |   |   | A17-1593-011                 |
| 93.RD       | D                | (4,542)              | -                         |  | U. S. Department of Health and Human Services  |   |   | A17-1593-013                 |
| 93.RD       | D                | 419,587              | -                         |  | U. S. Department of Health and Human Services  |   |   | A17-1593-016                 |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |   | Pass-Through Entity Number | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|---|----------------------------|---|------------------------------|
|             |                  |                      | Provided to Subrecipients | ALN Program Title                             |                            |   |                              |
| 93.RD       | D                | 45,384               | -                         | U. S. Department of Health and Human Services |                            |   | A17-1593-017                 |
| 93.RD       | D                | 28,082               | -                         | U. S. Department of Health and Human Services |                            |   | A17-1593-018                 |
| 93.RD       | D                | 541,917              | -                         | U. S. Department of Health and Human Services |                            |   | A17-1593-019                 |
| 93.RD       | D                | 146,809              | -                         | U. S. Department of Health and Human Services |                            |   | A17-1593-020                 |
| 93.RD       | D                | 30,136               | -                         | U. S. Department of Health and Human Services |                            |   | A17-1593-021                 |
| 93.RD       | D                | 117                  | 117                       | U. S. Department of Health and Human Services |                            |   | A18-1208-001                 |
| 93.RD       | D                | 611,537              | 68,993                    | U. S. Department of Health and Human Services |                            |   | A18-1208-004                 |
| 93.RD       | D                | 942,406              | 267,727                   | U. S. Department of Health and Human Services |                            |   | A19-0308-006                 |
| 93.RD       | D                | 2,423,573            | 126,075                   | U. S. Department of Health and Human Services |                            |   | A19-0308-008                 |
| 93.RD       | D                | 677,786              | 20,000                    | U. S. Department of Health and Human Services |                            |   | A19-0561-001                 |
| 93.RD       | D                | 341,733              | -                         | U. S. Department of Health and Human Services |                            |   | A19-0625-001                 |
| 93.RD       | D                | 282,813              | 268,243                   | U. S. Department of Health and Human Services |                            |   | A19-0650-009                 |
| 93.RD       | D                | 1,240,243            | 173,755                   | U. S. Department of Health and Human Services |                            |   | A19-0650-010                 |
| 93.RD       | D                | 1,723,403            | 390,859                   | U. S. Department of Health and Human Services |                            |   | A19-0650-012                 |
| 93.RD       | D                | 55,384               | -                         | U. S. Department of Health and Human Services |                            |   | A19-0650-013                 |
| 93.RD       | D                | 1,484,958            | 72,732                    | U. S. Department of Health and Human Services |                            |   | A19-0650-015                 |
| 93.RD       | D                | 199                  | -                         | U. S. Department of Health and Human Services |                            |   | A19-0731-001                 |
| 93.RD       | D                | (691)                | -                         | U. S. Department of Health and Human Services |                            |   | A19-0982-003                 |
| 93.RD       | D                | 100,141              | -                         | U. S. Department of Health and Human Services |                            |   | A19-0982-004                 |
| 93.RD       | D                | 88,137               | -                         | U. S. Department of Health and Human Services |                            |   | A19-0982-005                 |
| 93.RD       | D                | (5,116)              | -                         | U. S. Department of Health and Human Services |                            |   | A19-1528-001                 |
| 93.RD       | D                | 704,153              | (4,074)                   | U. S. Department of Health and Human Services |                            |   | A20-0182-001                 |
| 93.RD       | D                | 216,717              | -                         | U. S. Department of Health and Human Services |                            |   | A20-0284-001                 |
| 93.RD       | D                | 24                   | -                         | U. S. Department of Health and Human Services |                            |   | A20-0366-002                 |
| 93.RD       | D                | (2,545)              | -                         | U. S. Department of Health and Human Services |                            |   | A20-0427-001                 |
| 93.RD       | D                | 1,579,540            | -                         | U. S. Department of Health and Human Services |                            |   | A20-0440-001                 |
| 93.RD       | D                | 259,556              | -                         | U. S. Department of Health and Human Services |                            |   | A20-0440-003                 |
| 93.RD       | D                | 24,440               | -                         | U. S. Department of Health and Human Services |                            |   | A20-0791-002                 |
| 93.RD       | D                | 148,869              | -                         | U. S. Department of Health and Human Services |                            |   | A20-0791-003                 |
| 93.RD       | D                | 382,994              | -                         | U. S. Department of Health and Human Services |                            |   | A20-1553-001                 |
| 93.RD       | D                | (1,137)              | -                         | U. S. Department of Health and Human Services |                            |   | A21-0156-001                 |
| 93.RD       | D                | (1,385)              | -                         | U. S. Department of Health and Human Services |                            |   | A21-0156-002                 |
| 93.RD       | D                | 22,529               | -                         | U. S. Department of Health and Human Services |                            |   | A21-0156-003                 |
| 93.RD       | D                | (25)                 | -                         | U. S. Department of Health and Human Services |                            |   | A21-0157-001                 |
| 93.RD       | D                | 5,162                | -                         | U. S. Department of Health and Human Services |                            |   | A21-0284-001                 |
| 93.RD       | D                | 34,540               | -                         | U. S. Department of Health and Human Services |                            |   | A21-1706-001                 |
| 93.RD       | D                | 2,867                | -                         | U. S. Department of Health and Human Services |                            |   | A22-0171-001                 |
| 93.RD       | D                | 613                  | -                         | U. S. Department of Health and Human Services |                            |   | A22-0454-001                 |
| 93.RD       | D                | 263,323              | -                         | U. S. Department of Health and Human Services |                            |   | A22-0540-001                 |
| 93.RD       | D                | 1,659                | -                         | U. S. Department of Health and Human Services |                            |   | A22-0559-001                 |
| 93.RD       | D                | 1,341,252            | 558,799                   | U. S. Department of Health and Human Services |                            |   | A22-0654-001                 |
| 93.RD       | D                | 1,566,049            | 323,228                   | U. S. Department of Health and Human Services |                            |   | A22-0654-002                 |
| 93.RD       | D                | 99,128               | -                         | U. S. Department of Health and Human Services |                            |   | A22-0805-001                 |
| 93.RD       | D                | 17,764               | -                         | U. S. Department of Health and Human Services |                            |   | A22-1085-001                 |
| 93.RD       | D                | 104,539              | -                         | U. S. Department of Health and Human Services |                            |   | A22-1620-001                 |
| 93.RD       | D                | 237,747              | 66,573                    | U. S. Department of Health and Human Services |                            |   | A22-1625-001                 |
| 93.RD       | D                | 17,731               | -                         | U. S. Department of Health and Human Services |                            |   | A22-1652-001                 |
| 93.RD       | D                | 9,530                | -                         | U. S. Department of Health and Human Services |                            |   | A23-0097-001                 |
| 93.RD       | D                | 69,144               | -                         | U. S. Department of Health and Human Services |                            |   | A23-0136-001                 |
| 93.RD       | D                | 37,443               | -                         | U. S. Department of Health and Human Services |                            |   | A23-0304-001                 |
| 93.RD       | D                | 145,015              | -                         | U. S. Department of Health and Human Services |                            |   | A23-0370-001                 |
| 93.RD       | D                | 448,595              | 248,445                   | U. S. Department of Health and Human Services |                            |   | A23-0398-001                 |
| 93.RD       | D                | 21,861               | -                         | U. S. Department of Health and Human Services |                            |   | A23-0528-001                 |
| 93.RD       | D                | 45,041               | -                         | U. S. Department of Health and Human Services |                            |   | A23-0990-001                 |
| 93.RD       | D                | 962                  | -                         | U. S. Department of Health and Human Services |                            |   | HHSF2232018100261            |
| 93.RD       | D                | 25,962               | -                         | U. S. Department of Health and Human Services |                            |   | IPA P22-002809               |
| 93.RD       | I                | (859)                | -                         | U. S. Department of Health and Human Services | 724840                     | Fred Hutchinson Cancer Center                   | A13-0483-003                 |
| 93.RD       | I                | 59,527               | -                         | U. S. Department of Health and Human Services | 1063248                    | Fred Hutchinson Cancer Center                   | A21-0991-003                 |
| 93.RD       | I                | 33,451               | -                         | U. S. Department of Health and Human Services | 1063248                    | Fred Hutchinson Cancer Center                   | A21-0991-005                 |
| 93.RD       | I                | (419)                | -                         | U. S. Department of Health and Human Services | 000500918-T013-008         | University of Alabama at Birmingham             | A17-1321-002                 |
| 93.RD       | I                | 53,547               | -                         | U. S. Department of Health and Human Services | 000523931-001              | University of Alabama at Birmingham             | A21-1620-001                 |
| 93.RD       | I                | (42,580)             | -                         | U. S. Department of Health and Human Services | 000524050-T006-005         | University of Alabama at Birmingham             | A18-1392-001                 |
| 93.RD       | I                | 2,580                | -                         | U. S. Department of Health and Human Services | 00741-PSC-CW CURRICU       | JBS International Inc.                          | A17-0579-001                 |
| 93.RD       | I                | 2,604                | -                         | U. S. Department of Health and Human Services | 0321.04.014/05             | Eastern Research Group, Inc.                    | 0321.04.014/05               |
| 93.RD       | I                | 10,700               | -                         | U. S. Department of Health and Human Services | 974560                     | McKInG Consulting Corporation                   | A15-1385-001                 |
| 93.RD       | I                | (1,734)              | -                         | U. S. Department of Health and Human Services | 06800-036-00-FPG-0         | Urban Institute                                 | A13-0505-001                 |
| 93.RD       | I                | 237,410              | -                         | U. S. Department of Health and Human Services | 1-312-0218236-66618L       | Research Triangle Institute (RTI International) | A22-0731-001                 |
| 93.RD       | I                | 23,356               | -                         | U. S. Department of Health and Human Services | 1-340-0216681-65421L       | Research Triangle Institute (RTI International) | A19-0889-001                 |
| 93.RD       | I                | 112,736              | -                         | U. S. Department of Health and Human Services | 1001384-UNC                | Versiti Wisconsin, Inc. aka Versiti Bloo        | A21-1067-001                 |
| 93.RD       | I                | 255,098              | -                         | U. S. Department of Health and Human Services | 1001629480 FY22.1135       | University of Colorado Denver                   | A22-0516-003                 |
| 93.RD       | I                | (1)                  | -                         | U. S. Department of Health and Human Services | 1004354-002_UNC            | Oregon Health and Science University            | A18-0682-001                 |
| 93.RD       | I                | 62,211               | -                         | U. S. Department of Health and Human Services | 10062149-01-UNC            | University of Utah                              | A22-1100-001                 |
| 93.RD       | I                | 63,065               | -                         | U. S. Department of Health and Human Services | 108078                     | Southern Research Institute                     | A22-1522-001                 |
| 93.RD       | I                | 145,576              | -                         | U. S. Department of Health and Human Services | 1188-UNC-2000-01           | Manpower Demonstration Research Corporate       | A23-0224-001                 |
| 93.RD       | I                | 102,140              | -                         | U. S. Department of Health and Human Services | 1214-45121-1100000428      | Wake Forest University Health Sciences          | A22-0644-001                 |
| 93.RD       | I                | 117,626              | -                         | U. S. Department of Health and Human Services | 1214-45121-11000001492     | Wake Forest University Health Sciences          | A22-0644-003                 |
| 93.RD       | I                | 29,770               | -                         | U. S. Department of Health and Human Services | 1557 P ZA399               | University of California at Los Angeles         | A22-0661-001                 |
| 93.RD       | I                | 77                   | -                         | U. S. Department of Health and Human Services | 1557 P ZA401               | University of California at Los Angeles         | A22-0906-001                 |
| 93.RD       | I                | 29,001               | -                         | U. S. Department of Health and Human Services | 16-2910/PO2000005316       | University of California at Los Angeles         | A16-1915-001                 |
| 93.RD       | I                | 11,482               | -                         | U. S. Department of Health and Human Services | 17049.UNC.01               | Child Trends                                    | A22-1035-001                 |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title                                     | Pass-Through Entity Number  | Pass-Through Entity Name                                    | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|---|---|------------------------------|
| 93.RD       | I                |                      | 3,567                            | - U. S. Department of Health and Human Services       | 17184.UNC.01  | Child Trends  | A22-1036-001                 |
| 93.RD       | I                |                      | 105,151                          | - U. S. Department of Health and Human Services       | 17X011  | Leidos Biomedical Research                                  | A17-1423-001                 |
| 93.RD       | I                |                      | 12,852                           | - U. S. Department of Health and Human Services       | 17X011 TASK ORDER 7   | Leidos Biomedical Research                                  | A17-1423-019                 |
| 93.RD       | I                |                      | 6,159                            | - U. S. Department of Health and Human Services       | 17X011F8  | Leidos Biomedical Research                                  | A17-1423-025                 |
| 93.RD       | I                |                      | (419)                            | - U. S. Department of Health and Human Services       | 19-312-0214780-65388  | Research Triangle Institute (RTI International)             | A19-0585-001                 |
| 93.RD       | I                |                      | 6,927                            | - U. S. Department of Health and Human Services       | 2-312-0216363-65862L  | Research Triangle Institute (RTI International)             | A20-1318-001                 |
| 93.RD       | I                |                      | 119,211                          | - U. S. Department of Health and Human Services       | 2-312-0217290-66216L  | Research Triangle Institute (RTI International)             | A21-0873-001                 |
| 93.RD       | I                |                      | 22,754                           | - U. S. Department of Health and Human Services       | 2-312-0217290-66216L  | Research Triangle Institute (RTI International)             | A21-0873-003                 |
| 93.RD       | I                |                      | 7,155                            | - U. S. Department of Health and Human Services       | 2-312-0217290-66216L  | Research Triangle Institute (RTI International)             | A21-0873-004                 |
| 93.RD       | I                |                      | 236,367                          | - U. S. Department of Health and Human Services       | 2-312-0217290-66216L  | Research Triangle Institute (RTI International)             | A21-0873-005                 |
| 93.RD       | I                |                      | 9,605                            | - U. S. Department of Health and Human Services       | 2-312-0217886-66432L  | Research Triangle Institute (RTI International)             | A21-1581-002                 |
| 93.RD       | I                |                      | 78,351                           | - U. S. Department of Health and Human Services       | 2-312-0218272-66675L  | Research Triangle Institute (RTI International)             | A22-1369-001                 |
| 93.RD       | I                |                      | 164,383                          | - U. S. Department of Health and Human Services       | 2005480097  | Johns Hopkins University                                    | A22-1304-001                 |
| 93.RD       | I                |                      | 3,999                            | - U. S. Department of Health and Human Services       | 2020-1071   | Eyedesis Biosciences, LLC                                   | 2020-1071                    |
| 93.RD       | I                |                      | 136,801                          | - U. S. Department of Health and Human Services       | 2021-0864   | Ramona Optics   | 2021-0864                    |
| 93.RD       | I                |                      | 6,303                            | - U. S. Department of Health and Human Services       | 2022-0010   | Connecticut Department of Public Health                     | A22-0440-001                 |
| 93.RD       | I                |                      | 3,528                            | - U. S. Department of Health and Human Services       | 2033764   | Duke University Medical Center                              | A14-1311-001                 |
| 93.RD       | I                |                      | (843)                            | - U. S. Department of Health and Human Services       | 2038152   | Duke University   | A16-1108-001                 |
| 93.RD       | I                |                      | 52,559                           | - U. S. Department of Health and Human Services       | 204604UNC   | University of Notre Dame                                    | A23-0612-001                 |
| 93.RD       | I                |                      | 2,030                            | - U. S. Department of Health and Human Services       | 218092  | Duke University   | A17-1711-001                 |
| 93.RD       | I                |                      | 338,325                          | - U. S. Department of Health and Human Services       | 21X222  | Leidos Biomedical Research                                  | A22-1023-001                 |
| 93.RD       | I                |                      | 18,599                           | - U. S. Department of Health and Human Services       | 23-2181   | Georgia State University                                    | A23-1149-001                 |
| 93.RD       | I                |                      | 20                               | - U. S. Department of Health and Human Services       | 250543  | Duke University   | A20-1309-001                 |
| 93.RD       | I                |                      | (23,963)                         | - U. S. Department of Health and Human Services       | 27-312-0214643-65684L   | Research Triangle Institute (RTI International)             | A20-0541-001                 |
| 93.RD       | I                |                      | 7,044                            | - U. S. Department of Health and Human Services       | 283-4199  | Duke University   | A21-1704-001                 |
| 93.RD       | I                |                      | 2,726                            | - U. S. Department of Health and Human Services       | 283-4199  | Duke University   | A21-1704-002                 |
| 93.RD       | I                |                      | 14,856                           | - U. S. Department of Health and Human Services       | 30029-03-187-367  | La Jolla Institute for Allergy and Immunology               | A20-1046-004                 |
| 93.RD       | I                |                      | 28,522                           | - U. S. Department of Health and Human Services       | 302000242   | Duke University   | 302000242                    |
| 93.RD       | I                |                      | 995                              | - U. S. Department of Health and Human Services       | 303000388   | Duke University   | A21-1611-002                 |
| 93.RD       | I                |                      | 3,111                            | - U. S. Department of Health and Human Services       | 303000769   | Duke University   | A22-1644-001                 |
| 93.RD       | I                |                      | 3,918                            | - U. S. Department of Health and Human Services       | 303000868   | Duke University   | A22-1772-001                 |
| 93.RD       | I                |                      | 137,337                          | - U. S. Department of Health and Human Services       | 303001267   | Duke University   | A23-0799-001                 |
| 93.RD       | I                |                      | 50,433                           | - U. S. Department of Health and Human Services       | 303001269   | Duke University Clinical Research Institute                 | A20-0966-005                 |
| 93.RD       | I                |                      | 95,912                           | - U. S. Department of Health and Human Services       | 303001385   | Duke University   | A23-0605-001                 |
| 93.RD       | I                |                      | 45,866                           | - U. S. Department of Health and Human Services       | 303001527   | Duke University   | A23-0767-001                 |
| 93.RD       | I                |                      | (1,367)                          | - U. S. Department of Health and Human Services       | 383-4542  | Duke University   | A13-1022-001                 |
| 93.RD       | I                |                      | 94,950                           | - U. S. Department of Health and Human Services       | 383000391   | Duke University   | A22-1566-001                 |
| 93.RD       | I                |                      | 9,082                            | - U. S. Department of Health and Human Services       | 383000393   | Duke University   | A22-1764-001                 |
| 93.RD       | I                |                      | 18,060                           | - U. S. Department of Health and Human Services       | 418-45116-1100000630  | Wake Forest University                                      | A21-0543-003                 |
| 93.RD       | I                |                      | 41,388                           | - U. S. Department of Health and Human Services       | 418-45116-1100000630  | Wake Forest University                                      | A21-0543-005                 |
| 93.RD       | I                |                      | 6,446                            | - U. S. Department of Health and Human Services       | 430429  | University of Arizona                                       | A17-1737-001                 |
| 93.RD       | I                |                      | (13,194)                         | - U. S. Department of Health and Human Services       | 44774/43775-2   | Abt Associates, Inc.  | A15-1524-001                 |
| 93.RD       | I                |                      | 68,063                           | - U. S. Department of Health and Human Services       | 50514X06832   | Mathematica, Inc.   | A21-0852-001                 |
| 93.RD       | I                |                      | 442,886                          | - U. S. Department of Health and Human Services       | 51872   | Abt Associates, Inc.  | A21-0879-001                 |
| 93.RD       | I                |                      | 7                                | - U. S. Department of Health and Human Services       | 582751  | University of Pennsylvania Board of Trustees                | A22-0905-001                 |
| 93.RD       | I                |                      | 97,483                           | - U. S. Department of Health and Human Services       | 6-312-0217597-66849L  | Research Triangle Institute (RTI International)             | A22-0863-001                 |
| 93.RD       | I                |                      | 8,854                            | - U. S. Department of Health and Human Services       | 62456188-184638   | Leland Stanford Junior University (LSJU)                    | A21-1596-001                 |
| 93.RD       | I                |                      | 1,828                            | - U. S. Department of Health and Human Services       | 632369  | Jackson State University                                    | A13-1570-001                 |
| 93.RD       | I                |                      | 3,524                            | - U. S. Department of Health and Human Services       | 6473-S07  | Westat, Inc.  | A19-1646-003                 |
| 93.RD       | I                |                      | (4,594)                          | - U. S. Department of Health and Human Services       | 66102700414-04UNC-GA  | University of Mississippi Medical Center                    | A13-1564-004                 |
| 93.RD       | I                |                      | 822,040                          | 269,989 U. S. Department of Health and Human Services | 6922-03-COVID-S010  | Westat, Inc.  | A22-0652-001                 |
| 93.RD       | I                |                      | 26,476                           | - U. S. Department of Health and Human Services       | 710-7147144   | Miriam Hospital   | A20-1210-003                 |
| 93.RD       | I                |                      | 49,088                           | - U. S. Department of Health and Human Services       | 75D30120C07725 Subco  | Children's Hospital Boston                                  | A20-1537-001                 |
| 93.RD       | I                |                      | 7,787                            | - U. S. Department of Health and Human Services       | 75N94022F00001  | Essex Management  | A23-0575-001                 |
| 93.RD       | I                |                      | 47,026                           | - U. S. Department of Health and Human Services       | 75N95022P0077   | NIH National Institute of Neurological Disorders and Stroke | G-250319                     |
| 93.RD       | I                |                      | 35,653                           | - U. S. Department of Health and Human Services       | 862-03/PO 003269  | National Association of Community Health                    | A22-1155-001                 |
| 93.RD       | I                |                      | 162,818                          | - U. S. Department of Health and Human Services       | 862-04/PO# 003504   | National Association of Community Health                    | A22-1155-003                 |
| 93.RD       | I                |                      | 11,657                           | - U. S. Department of Health and Human Services       | 888-11-16-04/1-312-0  | Research Triangle Institute (RTI International)             | A13-1333-001                 |
| 93.RD       | I                |                      | 292                              | - U. S. Department of Health and Human Services       | A032030   | Duke University   | A18-0620-003                 |
| 93.RD       | I                |                      | 49,420                           | - U. S. Department of Health and Human Services       | A032674   | Duke University   | A20-0947-001                 |
| 93.RD       | I                |                      | 135,611                          | - U. S. Department of Health and Human Services       | A034208   | Duke University   | A21-1798-001                 |
| 93.RD       | I                |                      | 11,079                           | - U. S. Department of Health and Human Services       | A035526 243698/2708   | Duke University Clinical Research Institute                 | A20-0986-004                 |
| 93.RD       | I                |                      | 7,735                            | - U. S. Department of Health and Human Services       | AR04879/ 0000003038   | Public Health Institute                                     | A22-1454-001                 |
| 93.RD       | I                |                      | 42,298                           | - U. S. Department of Health and Human Services       | Alliance Prime eIPF   | Alliance NCTN Foundation                                    | A19-1481-001                 |
| 93.RD       | I                |                      | 384                              | - U. S. Department of Health and Human Services       | BMT CTN 1507: Reduced Intensity Conditioning for Haploidentical Bone Marrow Transplantation in Patients with Symptomatic Sickle Cell Diseases | National Marrow Donor Program                               | A19-1564-001                 |
| 93.RD       | I                |                      | 33,014                           | - U. S. Department of Health and Human Services       | BMT CTN 1702 - Clinical Transplant-Related Long-term Outcomes of Alternative Donor Allogeneic Transplantation                                 | National Marrow Donor Program                               | A19-1752-001                 |
| 93.RD       | I                |                      | 6,858                            | - U. S. Department of Health and Human Services       | BMT CTN 1703/ 1801  | National Marrow Donor Program                               | A20-0535-001                 |
| 93.RD       | I                |                      | (245,622)                        | - U. S. Department of Health and Human Services       | Brigham and Women's Hospital Service Agreement--CALGB   | Brigham and Women's Hospital                                | A10-1773-001                 |
| 93.RD       | I                |                      | 73,920                           | - U. S. Department of Health and Human Services       | C2022016830   | Janssen Pharmaceutica NV                                    | A23-0406-001                 |
| 93.RD       | I                |                      | 96,870                           | - U. S. Department of Health and Human Services       | COA#4 1022269_UNC   | Oregon Health and Science University                        | A23-0887-001                 |
| 93.RD       | I                |                      | 13,031                           | - U. S. Department of Health and Human Services       | Coordinating Center for Drug Induced Liver Injury Network (DILIN)   | Duke University   | A19-1075-001                 |
| 93.RD       | I                |                      | 1,990                            | - U. S. Department of Health and Human Services       | Data and Statistical Coordinating Center (DSCC) for the Collaborative Islet Transplant Registry (CITR)  | EMMES Corporation   | A18-1546-001                 |
| 93.RD       | I                |                      | 587,565                          | - U. S. Department of Health and Human Services       | EA1151  | ECOG-ACRIN Cancer Research Group                            | A18-0567-001                 |
| 93.RD       | I                |                      | (1,939)                          | - U. S. Department of Health and Human Services       | EA4151  | ECOG-ACRIN Cancer Research Group                            | A18-0655-001                 |
| 93.RD       | I                |                      | 6,435                            | - U. S. Department of Health and Human Services       | FY23.1135.002   | University of Colorado Denver                               | A22-0516-005                 |
| 93.RD       | I                |                      | (12,523)                         | - U. S. Department of Health and Human Services       | Foot Disorders, Pain and Physical Disability in Older Persons   | Hebrew Rehabilitation Center                                | A09-0530-001                 |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|---|------------------|----------------------|----------------------------------|--|--|---|------------------------------|
| 93.RD   | I                | 90,157               | -                                | U. S. Department of Health and Human Services  | GENFD0002020423  | Children's Hospital Boston                      | A20-1690-001                 |
| 93.RD   | I                | 15,152               | -                                | U. S. Department of Health and Human Services  | HHSN-235518010000031   | Duke University Clinical Research Institute     | A19-0998-001                 |
| 93.RD   | I                | (456)                | -                                | U. S. Department of Health and Human Services  | HR1763 SUB0000341  | National Academy of Sciences                    | A13-1335-001                 |
| 93.RD   | I                | 89,870               | -                                | U. S. Department of Health and Human Services  | High-throughput latent HIV reservoir assay using microwell arrays                    | Cell Microsystems, Inc.                         | A18-1480-002                 |
| 93.RD   | I                | 92,149               | -                                | U. S. Department of Health and Human Services  | Immune-Based Antiviral Products for Suppression/Elimination of HIV-1                 | MacroGenics, Inc.                               | A16-1013-001                 |
| 93.RD   | I                | 147,494              | -                                | U. S. Department of Health and Human Services  | MGD020-01  | MacroGenics, Inc.                               | A22-1484-001                 |
| 93.RD   | I                | (77)                 | -                                | U. S. Department of Health and Human Services  | Modifiers of FMR 1-associated disorders: application of high throughput technologies | Emory University (EU)                           | A17-0837-001                 |
| 93.RD   | I                | 941                  | -                                | U. S. Department of Health and Human Services  | OLGA OPTION 1-NIDCR (Omics Latinos (OLA) - Genetic Analysis)                         | University of Washington                        | A14-1383-001                 |
| 93.RD   | I                | (1,662)              | -                                | U. S. Department of Health and Human Services  | PHR-SSS-S-15-004303  | Social and Scientific Systems (S3), Inc.        | A15-1086-001                 |
| 93.RD   | I                | (660)                | -                                | U. S. Department of Health and Human Services  | PHR-SSS-S-15-004492  | Social and Scientific Systems (S3), Inc.        | A15-1421-001                 |
| 93.RD   | I                | 84,096               | -                                | U. S. Department of Health and Human Services  | PO 430429  | University of Arizona                           | A17-1739-001                 |
| 93.RD   | I                | 4,046                | -                                | U. S. Department of Health and Human Services  | PO 52040L/ 49-312-02   | Research Triangle Institute (RTI International) | A15-1115-001                 |
| 93.RD   | I                | 100,321              | -                                | U. S. Department of Health and Human Services  | SA0003170  | University of Texas at Houston Health           | A22-1689-001                 |
| 93.RD   | I                | (1,079)              | -                                | U. S. Department of Health and Human Services  | SBIR-Electric-Assist Bicycle for Commuting and Exercise                              | Intellipeak LLC                                 | A10-0714-001                 |
| 93.RD   | I                | 36,848               | -                                | U. S. Department of Health and Human Services  | SBIR-Chemenzymatic synthesis of heparan sulfate oligosaccharides                     | Glycan Therapeutics, Inc.                       | A14-1223-001                 |
| 93.RD   | I                | 25,000               | -                                | U. S. Department of Health and Human Services  | SPO0015121   | Georgia State University                        | A22-1007-001                 |
| 93.RD   | I                | 21,775               | -                                | U. S. Department of Health and Human Services  | SP14257-SB16   | University of Mississippi Medical Center        | A22-1713-001                 |
| 93.RD   | I                | 25,288               | -                                | U. S. Department of Health and Human Services  | SP14542-SB16   | University of Mississippi Medical Center        | A22-1713-002                 |
| 93.RD   | I                | 44,727               | -                                | U. S. Department of Health and Human Services  | SUB00002146-3A   | University of Georgia Research Foundation       | A20-1694-001                 |
| 93.RD   | I                | 206,181              | -                                | U. S. Department of Health and Human Services  | SUB00002146-4A   | University of Georgia Research Foundation       | A20-1706-001                 |
| 93.RD   | I                | 252,635              | -                                | U. S. Department of Health and Human Services  | SUB00002741-3U   | Univ Of Georgia                                 | SUB00002741-3U               |
| 93.RD   | I                | 448,523              | -                                | U. S. Department of Health and Human Services  | Site 131   | Duke University                                 | A21-0515-001                 |
| 93.RD   | I                | 13,842               | -                                | U. S. Department of Health and Human Services  | THE-269895   | Mayo Clinic in Rochester                        | A21-0256-001                 |
| 93.RD   | I                | 10,614               | -                                | U. S. Department of Health and Human Services  | TUL-HSC-560769-22/23   | Tulane University                               | A22-1747-001                 |
| 93.RD   | I                | (15,142)             | -                                | U. S. Department of Health and Human Services  | The Insulin-Only Bionic Pancreas Trials  | Jaeb Center for Health Research Foundation      | A20-1413-001                 |
| 93.RD   | I                | 98,626               | -                                | U. S. Department of Health and Human Services  | UWSC10535 BPO#32122  | Univ Of Washington                              | UWSC10535 BPO#32122          |
| 93.RD   | I                | 65                   | -                                | U. S. Department of Health and Human Services  | UWSC7547/ 758997   | University of Washington                        | A15-1126-001                 |
| 93.RD   | I                | 307,127              | 1,856                            | U. S. Department of Health and Human Services  | UVMC 94410   | Vanderbilt University                           | A22-0391-001                 |
| 93.RD   | I                | 30,315               | -                                | U. S. Department of Health and Human Services  | WO1036 PH000714T   | Harvard Pilgrim Health Care                     | A22-1683-001                 |
|   |                  | <u>784,339,044</u>   | <u>124,805,072</u>               | Total - Research and Development - U. S. Department of Health and Human Services   |  |   |                              |
| <b>U. S. Corporation for National and Community Service</b> |                  |                      |                                  |  |  |   |                              |
| 94.006  | I                | 20,609               | -                                | AmeriCorps   | ASUB00001164   | Arizona State Univ.                             |                              |
| 94.006  | I                | 58,577               | -                                | AmeriCorps   | ASUB00001169   | Arizona State University                        |                              |
|   |                  | <u>79,186</u>        | -                                | Total - Research and Development - U. S. Corporation for National and Community Service  |  |   |                              |
| <b>U. S. Department of Homeland Security</b>                |                  |                      |                                  |  |  |   |                              |
| 97.010  | D                | 124,500              | 52,500                           | Citizenship Education and Training   |  |   |                              |
| 97.044  | D                | 801,002              | 55,414                           | Assistance to Firefighters Grant   |  |   |                              |
| 97.044  | I                | 20,157               | -                                | Assistance to Firefighters Grant   | 2022-2147  | Wildfire Conservancy                            |                              |
| 97.044  | I                | 366,465              | -                                | Assistance to Firefighters Grant   | 5182   | Fire Protection Research Fdn.                   |                              |
| 97.044  | I                | 86,250               | -                                | Assistance to Firefighters Grant   | EMW-2019-FP-00944  | Wildfire Conservancy                            |                              |
| 97.044  | I                | (1,793)              | -                                | Assistance to Firefighters Grant   | R000002506   | Florida State Univ                              |                              |
| 97.061  | D                | 4,415,677            | 2,545,161                        | Centers for Homeland Security  |  |   |                              |
| 97.061  | I                | 72,367               | 22,000                           | Centers for Homeland Security  | E2059490   | George Mason University                         |                              |
| 97.061  | I                | 82,515               | -                                | Centers for Homeland Security  | Subaward No: ASUB00000365  | Arizona State University                        |                              |
| 97.062  | D                | 77,582               | -                                | Scientific Leadership Awards   |  |   |                              |
| 97.077  | I                | 46,712               | -                                | Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detector | 3431024  | Duke University                                 |                              |
| 97.RD   | D                | 15,699               | -                                | U. S. Department of Homeland Security  |  |   | A14-1394-001                 |
| 97.RD   | D                | 2                    | -                                | U. S. Department of Homeland Security  |  |   | A17-0419-003                 |
| 97.RD   | D                | 125,830              | 18,284                           | U. S. Department of Homeland Security  |  |   | A23-0549-001                 |
| 97.RD   | I                | 633                  | -                                | U. S. Department of Homeland Security  | 12-DHS-1035  | Duke University                                 | A11-1526-001                 |
| 97.RD   | I                | 37,789               | -                                | U. S. Department of Homeland Security  | 212079-01  | Texas Tech University                           | 212079-01                    |
| 97.RD   | I                | 64,452               | -                                | U. S. Department of Homeland Security  | 70RSAT22CB0000014  | Protect The Force, Inc.                         | 70RSAT22CB0000014            |
| 97.RD   | I                | 49,920               | -                                | U. S. Department of Homeland Security  | Document dated 12/16/2021  | Oak Ridge Institute for Science and Education   | G-270188                     |
|   |                  | <u>6,385,759</u>     | <u>2,693,359</u>                 | Total - Research and Development - U. S. Department of Homeland Security   |  |   |                              |
| <b>U. S. Agency for International Development</b>           |                  |                      |                                  |  |  |   |                              |
| 98.001  | D                | 13,101,164           | 7,636,951                        | USAID Foreign Assistance for Programs Overseas   |  |   |                              |
| 98.001  | I                | 32,927               | -                                | USAID Foreign Assistance for Programs Overseas   | 0008669/060221 PO#0000176531   | State of Rhode Island                           |                              |
| 98.001  | I                | 14                   | -                                | USAID Foreign Assistance for Programs Overseas   | 107385   | United States Pharmacopeia Convention           |                              |
| 98.001  | I                | 10,244               | -                                | USAID Foreign Assistance for Programs Overseas   | 108738   | United States Pharmacopeia Convention           |                              |
| 98.001  | I                | 1,042                | -                                | USAID Foreign Assistance for Programs Overseas   | 12-330-0212555-52302   | Research Triangle Institute (RTI International) |                              |
| 98.001  | I                | 2,486                | -                                | USAID Foreign Assistance for Programs Overseas   | A00-0864-S011  | Kansas State University                         |                              |
| 98.001  | I                | 98,629               | -                                | USAID Foreign Assistance for Programs Overseas   | ENS-20-004   | Eastern Virginia Medical School                 |                              |
| 98.001  | I                | 1,429                | -                                | USAID Foreign Assistance for Programs Overseas   | M143P333S02-03-02  | Centre for Infectious Disease Research          |                              |
| 98.001  | I                | 62,514               | -                                | USAID Foreign Assistance for Programs Overseas   | SCON-10000559  | National Academy Of Sciences                    |                              |
| 98.001  | I                | 15,524               | 237                              | USAID Foreign Assistance for Programs Overseas   | SUB00001921  | Board Reg Univ System Georgia                   |                              |
| 98.001  | I                | 10,465               | -                                | USAID Foreign Assistance for Programs Overseas   | Subaward No: 100538-18021  | University Of Illinois-Urbana-Champaign         |                              |
| 98.RD   | D                | (1,767)              | -                                | U. S. Agency for International Development   |  |   | A09-0394-001                 |
| 98.RD   | D                | (277)                | -                                | U. S. Agency for International Development   |  |   | A14-1017-001                 |
| 98.RD   | D                | 9,421,875            | 6,753,066                        | U. S. Agency for International Development   |  |   | A19-0401-001                 |
| 98.RD   | D                | 11,877,924           | 10,360,841                       | U. S. Agency for International Development   |  |   | A19-1439-001                 |
| 98.RD   | I                | 16,931               | -                                | U. S. Agency for International Development   | 219J   | Task Force for Global Health                    | A20-1688-001                 |
| 98.RD   | I                | (850)                | -                                | U. S. Agency for International Development   | 5305/2001208292  | Johns Hopkins University                        | A11-1200-001                 |
| 98.RD   | I                | 25,508               | -                                | U. S. Agency for International Development   | 800-3UNO   | Making Cents International                      | A23-0706-001                 |
| 98.RD   | I                | (954)                | -                                | U. S. Agency for International Development   | KHULISA/USAID/SUN-LE   | Khulisa Management Services                     | A19-1660-004                 |
| 98.RD   | I                | 88,491               | -                                | U. S. Agency for International Development   | KHULISA/USAID/SUN-LE/UNC/  | Khulisa Management Services                     | A19-1660-006                 |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title   | Pass-Through Entity Number                       | Pass-Through Entity Name                 | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|---|--|--|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |   |  |  |                              |
| 98.RD       | I                | (1,759)              | -                         |  | U. S. Agency for International Development                                    | PPC-11-119                                       | Eastern Virginia Medical School          | A11-1478-001                 |
| 98.RD       | I                | (6,061)              | -                         |  | U. S. Agency for International Development                                    | Right to Care - Adolescent Project               | Right to Care                            | A17-0775-001                 |
| 98.RD       | I                | (7,824)              | -                         |  | U. S. Agency for International Development                                    | Right to Care Cervical Cancer Prevention Program | Right to Care                            | A15-0657-002                 |
| 98.RD       | I                | 532,185              | (127,658)                 |  | U. S. Agency for International Development                                    | SCON-10000738                                    | National Academy of Sciences             | A19-1129-001                 |
| 98.RD       | I                | 112,165              | 87,134                    |  | U. S. Agency for International Development                                    | SUB00001966                                      | Univ Of Georgia                          | SUB00001966                  |
| 98.RD       | I                | 68,738               | 8,800                     |  | U. S. Agency for International Development                                    | SUB00002085                                      | Univ Of Georgia                          | SUB00002085                  |
| 98.RD       | I                | 1                    | -                         |  | U. S. Agency for International Development                                    | SUB00002332                                      | Univ Of Georgia                          | SUB00002332                  |
| 98.RD       | I                | (4,305)              | -                         |  | U. S. Agency for International Development                                    | UNC001   | Witkoppen Health and Welfare Center      | A13-0976-001                 |
| 98.RD       | I                | 362                  | -                         |  | U. S. Agency for International Development                                    | USAID-AN-149                                     | JSI Research and Training Institute, Inc | A21-1284-001                 |
| 98.RD       | I                | 35,376               | -                         |  | U. S. Agency for International Development                                    | USAID-AN-248                                     | JSI Research and Training Institute, Inc | A22-1207-001                 |
| 98.RD       | I                | 4,735                | -                         |  | U. S. Agency for International Development                                    | USAID/SUN-LE/UN/001/18                           | Khulisa Management Services              | A19-1660-009                 |
|             |                  | <u>35,496,932</u>    | <u>24,719,371</u>         |  | Total - Research and Development - U. S. Agency for International Development |  |  |                              |
|             |                  | <u>1,278,588,409</u> | <u>224,506,152</u>        |  | Total - Research and Development  |  |  |                              |

Student Financial Assistance Programs—Cluster:

U. S. Department of Education

|        |   |                      |   |  |   |  |  |  |
|--------|---|----------------------|---|--|---|--|--|--|
| 84.007 | D | 18,184,389           | - |  | Federal Supplemental Educational Opportunity Grants                                   |  |  |  |
| 84.033 | D | 13,782,615           | - |  | Federal Work-Study Program  |  |  |  |
| 84.038 | D | 17,376,842           | - |  | Federal Perkins Loan Program Federal Capital Contributions                            |  |  |  |
| 84.063 | D | 654,234,228          | - |  | Federal Pell Grant Program  |  |  |  |
| 84.268 | D | 1,146,717,200        | - |  | Federal Direct Student Loans  |  |  |  |
| 84.379 | D | 237,300              | - |  | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |  |  |  |
| 84.408 | D | 13,004               | - |  | Postsecondary Education Scholarships for Veteran's Dependents                         |  |  |  |
|        |   | <u>1,850,545,578</u> | - |  | Total - Student Financial Assistance Programs Cluster - U. S. Department of Education |  |  |  |

U. S. Department of Health and Human Services

|        |   |                      |   |  |   |  |  |  |
|--------|---|----------------------|---|--|---|--|--|--|
| 93.264 | D | 879,987              | - |  | Nurse Faculty Loan Program (NFLP)   |  |  |  |
| 93.342 | D | 3,956,625            | - |  | Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students       |  |  |  |
| 93.364 | D | 819,695              | - |  | Nursing Student Loans   |  |  |  |
| 93.925 | D | 3,245,026            | - |  | Scholarships for Health Professions Students from Disadvantaged Backgrounds                           |  |  |  |
|        |   | <u>8,901,313</u>     | - |  | Total - Student Financial Assistance Programs Cluster - U. S. Department of Health and Human Services |  |  |  |
|        |   | <u>1,859,446,891</u> | - |  | Total - Student Financial Assistance  |  |  |  |

Supplemental Nutrition Assistance Program (SNAP)—Cluster:

U. S. Department of Agriculture

|        |   |                      |                    |  |   |                               |  |  |
|--------|---|----------------------|--------------------|--|---|-------------------------------|--|--|
| 10.551 | D | 3,332,126,595        | -                  |  | Supplemental Nutrition Assistance Program   |                               |  |  |
| 10.551 | D | 1,295,257,111        | -                  |  | COVID-19 - Supplemental Nutrition Assistance Program  |                               |  |  |
| 10.561 | D | 140,180,694          | 108,582,440        |  | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program            |                               |  |  |
| 10.561 | D | 22,674,328           | 19,100,000         |  | COVID-19 - State Administrative Matching Grants for the Supplemental Nutrition Assistance Program |                               |  |  |
| 10.561 | I | 27,500               | -                  |  | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program            | 4400028108                    | South Carolina Department of Social Serv   |  |
| 10.561 | I | 7,493                | -                  |  | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program            | 4400030422                    | South Carolina Department of Social Serv   |  |
| 10.561 | I | 21,451               | -                  |  | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program            | Use of Go NAPSACC in Missouri | The Curators of the University of Missouri |  |
|        |   | <u>4,790,295,172</u> | <u>127,682,440</u> |  | Total - Supplemental Nutrition Assistance Program (SNAP) Cluster - U. S. Department               |                               |  |  |
|        |   | <u>4,790,295,172</u> | <u>127,682,440</u> |  | Total - Supplemental Nutrition Assistance Program (SNAP)  |                               |  |  |

Special Education—Cluster (IDEA)

U. S. Department of Education

|         |   |                    |                    |  |  |                    |   |  |
|---------|---|--------------------|--------------------|--|--|--------------------|---|--|
| 84.027  | D | 372,089,310        | 355,732,824        |  | Special Education Grants to States   |                    |   |  |
| 84.027  | I | 82                 | -                  |  | Special Education Grants to States   | 11575-03-591009592 | Illinois State University                 |  |
| 84.027  | I | 35,169             | -                  |  | Special Education Grants to States   | MSDE0013-01        | University of Maryland at Baltimore (UMB) |  |
| 84.027X | D | 43,312,922         | 43,294,160         |  | COVID-19 - Individuals with Disabilities Education Act/American Rescue Plan of 2021 (ARP) - Title VI-B Handicapped |                    |   |  |
| 84.173  | D | 10,877,355         | 9,141,448          |  | Special Education Preschool Grants   |                    |   |  |
| 84.173X | D | 2,657,175          | 2,657,175          |  | COVID-19 - Individuals with Disabilities Education Act/American Rescue Plan (ARP) - Preschool Handicapped          |                    |   |  |
|         |   | <u>428,972,013</u> | <u>410,825,607</u> |  | Total - Special Education Cluster (IDEA) - U. S. Department of Education   |                    |   |  |
|         |   | <u>428,972,013</u> | <u>410,825,607</u> |  | Total - Special Education (IDEA)   |                    |   |  |

TRIO—Cluster:

U. S. Department of Education

|        |   |            |   |  |                               |  |  |  |
|--------|---|------------|---|--|-------------------------------|--|--|--|
| 84.042 | D | 10,797,504 | - |  | TRIO Student Support Services |  |  |  |
| 84.044 | D | 4,195,409  | - |  | TRIO Talent Search            |  |  |  |
| 84.047 | D | 6,881,737  | - |  | TRIO Upward Bound             |  |  |  |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                               | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number                    | Pass-Through Entity Name                       | Additional Award Information |
|---|------------------|----------------------|----------------------------------|---|---|--|------------------------------|
| 84.066                                    | D                | 1,561,076            | -                                | TRIO Educational Opportunity Centers  |   |  |                              |
| 84.217                                    | D                | 1,126,535            | -                                | TRIO McNair Post-Baccalaureate Achievement  |   |  |                              |
|   |                  | 24,562,261           | -                                | Total - Teacher Quality Partnership Grants Cluster (TRIO) - U. S. Department of Education           |   |  |                              |
|   |                  | 24,562,261           | -                                | Total - TRIO  |   |  |                              |
| <b>Transit Services Programs—Cluster:</b> |                  |                      |                                  |   |   |  |                              |
| <b>U. S. Department of Transportation</b> |                  |                      |                                  |   |   |  |                              |
| 20.513                                    | D                | 3,660,001            | 3,483,813                        | Enhanced Mobility of Seniors and Individuals with Disabilities                                      |   |  |                              |
| 20.513                                    | D                | 266,902              | 266,902                          | COVID-19 Enhanced Mobility of Seniors and Individuals with Disabilities                             |   |  |                              |
|   |                  | 3,926,903            | 3,750,715                        | Total - Transit Services Programs Cluster - U. S. Department of Transportation                      |   |  |                              |
|   |                  | 3,926,903            | 3,750,715                        | Total - Transit Services Programs   |   |  |                              |
| <b>WIOA—Cluster:</b>                      |                  |                      |                                  |   |   |  |                              |
| <b>U. S. Department of Labor</b>          |                  |                      |                                  |   |   |  |                              |
| 17.258                                    | D                | 24,359,184           | 20,877,355                       | WIOA Adult Program  |   |  |                              |
| 17.258                                    | I                | 239,018              | -                                | WIOA Adult Program  | 0-2020-33                                     | Cape Fear COG                                  |                              |
| 17.258                                    | I                | 158,426              | -                                | WIOA Adult Program  | 2020-40-6331-09                               | Workforce Development Board                    |                              |
| 17.258                                    | I                | 273,345              | -                                | WIOA Adult Program  | 22-4020-40-6035-07                            | ECWDB  |                              |
| 17.258                                    | I                | 180,125              | -                                | WIOA Adult Program  | 22-4020-49-1380                               | Region D                                       |                              |
| 17.258                                    | I                | 30,700               | -                                | WIOA Adult Program  | 22-4050-49-1380                               | Region D                                       |                              |
| 17.258                                    | I                | 179,049              | -                                | WIOA Adult Program  | 4020  | ECWDB  |                              |
| 17.258                                    | I                | 253,569              | -                                | WIOA Adult Program  | 9-2020/2030-21-4505-02/04                     | UCPCOG - Turning Point WDB - 4505              |                              |
| 17.258                                    | I                | 128,941              | -                                | WIOA Adult Program  | WIOA-22-61-ABT-04; WIOA-2017-61-ABTECH-FLG-01 | Mountain Area Workforce Development Consortium |                              |
| 17.259                                    | D                | 24,083,881           | 20,982,523                       | WIOA Youth Activities   |   |  |                              |
| 17.259                                    | I                | 201,183              | -                                | WIOA Youth Activities   | 0-2030-33                                     | Cape Fear COG                                  |                              |
| 17.259                                    | I                | 846,141              | -                                | WIOA Youth Activities   | 2040-36                                       | Charlotte Works                                |                              |
| 17.259                                    | I                | 122,712              | -                                | WIOA Youth Activities   | 2040-40-6331-09                               | Workforce Development Board                    |                              |
| 17.259                                    | I                | 135,431              | -                                | WIOA Youth Activities   | 22-4040-40-6035-07                            | ECWDB  |                              |
| 17.259                                    | I                | 243,374              | -                                | WIOA Youth Activities   | 22-4040-49-1380                               | Region D                                       |                              |
| 17.259                                    | I                | 151,143              | -                                | WIOA Youth Activities   | 4040  | ECWDB  |                              |
| 17.259                                    | I                | 438,275              | -                                | WIOA Youth Activities   | 44-25-5467-Yth                                | Lumbee River Council of Gov't                  |                              |
| 17.278                                    | D                | 22,731,113           | 16,198,109                       | WIOA Dislocated Worker Formula Grants   |   |  |                              |
| 17.278                                    | I                | 118,886              | -                                | WIOA Dislocated Worker Formula Grants   | 0-2040-33                                     | Cape Fear COG                                  |                              |
| 17.278                                    | I                | 6,496                | -                                | WIOA Dislocated Worker Formula Grants   | 2030-40-6331-09                               | Workforce Development Board                    |                              |
| 17.278                                    | I                | 117,164              | -                                | WIOA Dislocated Worker Formula Grants   | 22-4030-40-6035-07                            | ECWDB  |                              |
| 17.278                                    | I                | 127,580              | -                                | WIOA Dislocated Worker Formula Grants   | 22-4030-49-1380                               | Region D                                       |                              |
| 17.278                                    | I                | 5,497                | -                                | WIOA Dislocated Worker Formula Grants   | 22-4050-49-1380                               | Region D                                       |                              |
| 17.278                                    | I                | 14,456               | -                                | WIOA Dislocated Worker Formula Grants   | 4030  | ECWDB  |                              |
| 17.278                                    | I                | 8,590                | -                                | WIOA Dislocated Worker Formula Grants   | FLG OP-2018-01                                | Charlotte Works                                |                              |
| 17.278                                    | I                | 125,508              | -                                | WIOA Dislocated Worker Formula Grants   | WIOA-22-61-ABT-04                             | Mountain Area Workforce Development Consortium |                              |
|   |                  | 75,319,787           | 58,057,987                       | Total - WIOA Cluster - U. S. Department of Labor  |   |  |                              |
|   |                  | 75,319,787           | 58,057,987                       | Total - WIOA  |   |  |                              |
| <b>Other Programs:</b>                    |                  |                      |                                  |   |   |  |                              |
| <b>U. S. Department of Agriculture</b>    |                  |                      |                                  |   |   |  |                              |
| 10.001                                    | D                | 10,867               | -                                | Agricultural Research Basic and Applied Research  |   |  |                              |
| 10.025                                    | D                | 3,027,314            | -                                | Plant and Animal Disease, Pest Control, and Animal Care   |   |  |                              |
| 10.025                                    | I                | (37,767)             | -                                | Plant and Animal Disease, Pest Control, and Animal Care   | 1946/PO#25013312                              | Rutgers University                             |                              |
| 10.025                                    | I                | 2,042                | -                                | Plant and Animal Disease, Pest Control, and Animal Care   | 1957/PO#25026025                              | Rutgers University                             |                              |
| 10.025                                    | I                | 41,287               | -                                | Plant and Animal Disease, Pest Control, and Animal Care   | C00076528-1                                   | Curators Of Univ Of Missouri                   |                              |
| 10.025                                    | D                | 5,725                | -                                | Plant and Animal Disease, Pest Control, and Animal Care   | SUB00002450/PO 25248307                       | Rutgers University                             |                              |
| 10.028                                    | D                | 73,559               | -                                | Wildlife Services   |   |  |                              |
| 10.147                                    | D                | 49,990               | -                                | Outreach Education and Technical Assistance   |   |  |                              |
| 10.153                                    | D                | 7,751                | -                                | Market News   |   |  |                              |
| 10.163                                    | D                | 141,439              | 70,839                           | Market Protection and Promotion   |   |  |                              |
| 10.17                                     | D                | 1,842,382            | 1,716,895                        | Specialty Crop Block Grant Program - Farm Bill  |   |  |                              |
| 10.175                                    | D                | 157,136              | -                                | Farmers Market and Local Food Promotion Program   |   |  |                              |
| 10.176                                    | I                | 90,146               | -                                | Dairy Business Innovation Initiatives   | 9500098216                                    | Univ Of Tennessee                              |                              |
| 10.176                                    | I                | 40,865               | -                                | Dairy Business Innovation Initiatives   | 9500107282                                    | Univ Of Tennessee                              |                              |
| 10.177                                    | D                | 352,543              | 68,290                           | Regional Food System Partnerships   |   |  |                              |
| 10.182                                    | D                | 1,000,000            | 1,000,000                        | Food Bank Network   |   |  |                              |
| 10.185                                    | D                | 2,637,478            | 2,637,478                        | Local Food for Schools Cooperative Agreement Program  |   |  |                              |
| 10.187                                    | D                | 4,047,031            | 3,732,328                        | The Emergency Food Assistance Program (TEFAP) Commodity Credit Corporation Eligible Recipient Funds |   |  |                              |
| 10.200                                    | I                | 1,636                | -                                | Grants for Agricultural Research, Special Research Grants   | PO# 2000755009                                | Univ Of Florida                                |                              |
| 10.202                                    | D                | 1,112,839            | -                                | Cooperative Forestry Research   |   |  |                              |
| 10.203                                    | D                | 8,288,394            | -                                | Payments to Agricultural Experiment Stations Under the Hatch Act                                    |   |  |                              |
| 10.206                                    | D                | 1,844,196            | -                                | Grants for Agricultural Research Competitive Research Grants  |   |  |                              |
| 10.207                                    | D                | 112,742              | -                                | Animal Health and Disease Research  |   |  |                              |
| 10.210                                    | D                | 149,847              | -                                | Higher Education - Graduate Fellowships Grant Program   |   |  |                              |
| 10.212                                    | I                | 50,770               | -                                | Small Business Innovation Research  | 20213361035667-1                              | Sinnovatek, Inc                                |                              |
| 10.215                                    | I                | 7,357                | -                                | Sustainable Agriculture Research and Education  | SUB00002345                                   | Univ Of Georgia                                |                              |
| 10.215                                    | I                | 33,332               | -                                | Sustainable Agriculture Research and Education  | SUB00002670                                   | Univ Of Georgia                                |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title  | Pass-Through Entity Number     | Pass-Through Entity Name        | Additional Award Information |
|-------------|------------------|----------------------|---------------------------|--|--|--------------------------------|---------------------------------|------------------------------|
|             |                  |                      | Provided to Subrecipients |  |  |                                |                                 |                              |
| 10.215      | I                | 20,733               | -                         |  | Sustainable Agriculture Research and Education   | SUB00002671                    | Univ Of Georgia                 |                              |
| 10.215      | I                | 5,352                | -                         |  | Sustainable Agriculture Research and Education   | SUB00002856                    | Univ Of Georgia                 |                              |
| 10.215      | I                | 4,319                | -                         |  | Sustainable Agriculture Research and Education   | SUB00002858                    | University of Georgia           |                              |
| 10.215      | I                | 1,923                | -                         |  | Sustainable Agriculture Research and Education   | SUB00002915                    | Univ Of Georgia                 |                              |
| 10.216      | D                | 192,673              | -                         |  | 1890 Institution Capacity Building Grants  |                                |                                 |                              |
| 10.217      | D                | 3,188                | -                         |  | Higher Education - Institution Challenge Grants Program  |                                |                                 |                              |
| 10.220      | D                | 47,652               | -                         |  | Higher Education - Multicultural Scholars Grant Program  |                                |                                 |                              |
| 10.229      | I                | 5,609                | -                         |  | Extension Collaborative on Immunization Teaching & Engagement  | 2021-2032                      | Extension Foundation            |                              |
| 10.229      | I                | 148,401              | -                         |  | Extension Collaborative on Immunization Teaching & Engagement  | EXC2-2021-2108                 | Extension Foundation            |                              |
| 10.229      | I                | 9,539                | -                         |  | Extension Collaborative on Immunization Teaching & Engagement  | EXC3 2022-2257                 | Extension Foundation            |                              |
| 10.229      | I                | 13,207               | -                         |  | Extension Collaborative on Immunization Teaching & Engagement  | Subaward No: EXC3-2022-2278    | Extension Foundation            |                              |
| 10.229      | I                | 15,881               | -                         |  | Extension Collaborative on Immunization Teaching & Engagement  | Subaward No: EXCITE-ACT1-1890F | 1890 Universities Foundation    |                              |
| 10.250      | D                | 134,173              | 26,300                    |  | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations                                |                                |                                 |                              |
| 10.253      | D                | 3,165                | -                         |  | Consumer Data and Nutrition Research   |                                |                                 |                              |
| 10.304      | D                | 28,560               | -                         |  | Homeland Security Agricultural   |                                |                                 |                              |
| 10.310      | D                | 612,164              | 9,357                     |  | Agriculture and Food Research Initiative (AFRI)  |                                |                                 |                              |
| 10.310      | I                | 5,137                | -                         |  | Agriculture and Food Research Initiative (AFRI)  | 2297-207-2014552               | Clemson University              |                              |
| 10.310      | I                | (5,840)              | -                         |  | Agriculture and Food Research Initiative (AFRI)  | 3200001832-18-312              | Univ Of Kentucky                |                              |
| 10.310      | I                | 19,384               | -                         |  | Agriculture and Food Research Initiative (AFRI)  | 584753 PO# 4868039             | Univ Of Pennsylvania            |                              |
| 10.310      | I                | (378)                | -                         |  | Agriculture and Food Research Initiative (AFRI)  | 9500077010                     | Univ Of Tennessee               |                              |
| 10.310      | I                | 2,909                | -                         |  | Agriculture and Food Research Initiative (AFRI)  | 9500092119                     | Univ Of Tennessee               |                              |
| 10.310      | I                | 5,722                | -                         |  | Agriculture and Food Research Initiative (AFRI)  | AGB00002304                    | Univ Of Florida                 |                              |
| 10.311      | D                | 256,056              | -                         |  | Beginning Farmer and Rancher Development Program   |                                |                                 |                              |
| 10.311      | I                | 22,046               | -                         |  | Beginning Farmer and Rancher Development Program   | 2020-2980                      | Organic Growers School          |                              |
| 10.311      | I                | 50,751               | -                         |  | Beginning Farmer and Rancher Development Program   | 549147-19071                   | Virginia Polytech Inst.         |                              |
| 10.319      | I                | 4,303                | -                         |  | Farm Business Management and Benchmarking Competitive Grants Program   | Subaward # C00078727-4         | University of Missouri-Columbia |                              |
| 10.319      | I                | 15,832               | -                         |  | Farm Business Management and Benchmarking Competitive Grants Program   | Subaward No: C00066315-1       | University of Missouri-Columbia |                              |
| 10.319      | I                | 16,360               | -                         |  | Farm Business Management and Benchmarking Competitive Grants Program   | Subaward No: C00071254-3       | University of Missouri-Columbia |                              |
| 10.328      | I                | 10,911               | -                         |  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 139230-21172                   | Cornell University              |                              |
| 10.328      | I                | 31,179               | -                         |  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 2019-3217                      | Carolina Farm Stewardship Asso  |                              |
| 10.328      | I                | 51,453               | -                         |  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 22-016522 A 00                 | Univ Of Massachusetts           |                              |
| 10.328      | I                | 820                  | -                         |  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | SUB00003668                    | Univ Of Florida                 |                              |
| 10.328      | I                | 10,082               | -                         |  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | UFDSP00012350 P0099377         | Univ Of Florida                 |                              |
| 10.329      | D                | 1,432,639            | 411,708                   |  | Crop Protection and Pest Management Competitive Grants Program   |                                |                                 |                              |
| 10.329      | I                | 17,163               | -                         |  | Crop Protection and Pest Management Competitive Grants Program   | 2021-1808                      | Southern Region Ipm Center      |                              |
| 10.329      | I                | 10,689               | -                         |  | Crop Protection and Pest Management Competitive Grants Program   | 2022-2211                      | Southern Region Ipm Center      |                              |
| 10.331      | D                | 31,992               | -                         |  | Food Insecurity Nutrition Incentive Grants Program   |                                |                                 |                              |
| 10.351      | D                | 267,981              | 59,305                    |  | Rural Business Development Grant   |                                |                                 |                              |
| 10.435      | D                | 143,826              | -                         |  | State Mediation Grants   |                                |                                 |                              |
| 10.443      | D                | 296,944              | 85,000                    |  | Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers                                |                                |                                 |                              |
| 10.475      | D                | 4,767,224            | -                         |  | Cooperative Agreements with States for Intrastate Meat and Poultry Inspection                                      |                                |                                 |                              |
| 10.479      | D                | 116,143              | -                         |  | Food Safety Cooperative Agreements   |                                |                                 |                              |
| 10.500      | D                | 1,757,191            | 237,105                   |  | Cooperative Extension Service  |                                |                                 |                              |
| 10.500      | I                | 17,865               | -                         |  | Cooperative Extension Service  | 14623                          | Univ Of Arkansas                |                              |
| 10.500      | I                | 174,224              | -                         |  | Cooperative Extension Service  | 3-580840.02                    | Oklahoma State Univ.            |                              |
| 10.500      | I                | 33,596               | -                         |  | Cooperative Extension Service  | 5969-NCSU-UM-3501              | Pennsylvania State Univ         |                              |
| 10.500      | I                | 132,512              | -                         |  | Cooperative Extension Service  | A22-0256-S001                  | Kansas State University         |                              |
| 10.500      | I                | 118,126              | -                         |  | Cooperative Extension Service  | A22-0394-S024                  | Kansas State University         |                              |
| 10.500      | I                | 13,568               | -                         |  | Cooperative Extension Service  | Agreement No: 0000001650       | University of Wisconsin Madison |                              |
| 10.500      | I                | 12,325               | -                         |  | Cooperative Extension Service  | C00067296-4                    | Curators Of Univ Of Missouri    |                              |
| 10.500      | I                | 11,500               | -                         |  | Cooperative Extension Service  | NIAE-2021-2150                 | Extension Foundation            |                              |
| 10.500      | I                | 4,759                | -                         |  | Cooperative Extension Service  | NIAE-2022-2223                 | Extension Foundation            |                              |
| 10.500      | I                | 142                  | -                         |  | Cooperative Extension Service  | NIAE-2022-2227                 | Extension Foundation            |                              |
| 10.500      | I                | 14,352               | -                         |  | Cooperative Extension Service  | S003504-UM                     | Pennsylvania State Univ         |                              |
| 10.500      | I                | (1,021)              | -                         |  | Cooperative Extension Service  | S19082.01                      | Kansas State University         |                              |
| 10.500      | I                | 2,984                | -                         |  | Cooperative Extension Service  | SUB00002545                    | Univ Of Florida                 |                              |
| 10.500      | I                | 21,040               | -                         |  | Cooperative Extension Service  | SUB00003128                    | Univ Of Georgia Res Fdn         |                              |
| 10.500      | I                | 16,064               | -                         |  | Cooperative Extension Service  | Subaward No: 5938-NCAT-UM-3501 | Pennsylvania State University   |                              |
| 10.514      | D                | 126,599              | -                         |  | Expanded Food and Nutrition Education Program  |                                |                                 |                              |
| 10.515      | D                | 4,389                | -                         |  | Renewable Resources Extension Act and National Focus Fund Projects   |                                |                                 |                              |
| 10.522      | I                | 48,826               | 4,800                     |  | Food and Agriculture Service Learning Program  | Memorandum dated 9/14/2020     | 1890 Universities Foundation    |                              |
| 10.523      | D                | 564,610              | 284,667                   |  | Centers of Excellence at 1890 Institutions   |                                |                                 |                              |
| 10.523      | I                | 33,784               | -                         |  | Centers of Excellence at 1890 Institutions   | Subaward Signed 8/27/2020      | Tuskegee University             |                              |
| 10.524      | D                | 665,280              | -                         |  | Scholarships for Students at 1890 Institutions   |                                |                                 |                              |
| 10.525      | D                | 1,870,789            | 59,605                    |  | Farm and Ranch Stress Assistance Network Competitive Grants Program  |                                |                                 |                              |
| 10.527      | D                | 36,116               | 3,221                     |  | New Beginnings for Tribal Students   |                                |                                 |                              |
| 10.542      | D                | 503,599,563          | -                         |  | COVID-19 Pandemic EBT Food Benefits  |                                |                                 |                              |
| 10.557      | D                | 211,841,843          | 50,800,417                |  | WIC Special Supplemental Nutrition Program for Women, Infants, and Children  |                                |                                 |                              |
| 10.558      | D                | (37,368)             | -                         |  | COVID-19 - Child and Adult Care Food Program   |                                |                                 |                              |
| 10.558      | D                | 105,339,336          | 104,261,092               |  | Child and Adult Care Food Program  |                                |                                 |                              |
| 10.560      | D                | 9,807,014            | -                         |  | State Administrative Expenses for Child Nutrition  |                                |                                 |                              |
| 10.572      | D                | 89,400               | -                         |  | WIC Farmers' Market Nutrition Program (FMNP)   |                                |                                 |                              |
| 10.574      | D                | 159                  | -                         |  | Team Nutrition Grants  |                                |                                 |                              |
| 10.575      | D                | 65,480               | -                         |  | Farm to School Grant Program   |                                |                                 |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                         | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name             | Additional Award Information                                      |
|-------------------------------------|------------------|----------------------|----------------------------------|--|----------------------------|--------------------------------------|---|
| 10.578                              | D                | 218,921              | -                                | WIC Grants To States (WGS)   |                            |                                      |   |
| 10.579                              | D                | 1,399,770            | 1,399,770                        | Child Nutrition Discretionary Grants Limited Availability  |                            |                                      |   |
| 10.649                              | D                | 4,524,329            | -                                | COVID-19 - Pandemic EBT Administrative Costs   |                            |                                      |   |
| 10.652                              | D                | 462,441              | -                                | Forestry Research  |                            |                                      |   |
| 10.664                              | D                | 3,399,473            | -                                | Cooperative Forestry Assistance  |                            |                                      |   |
| 10.674                              | D                | 84,323               | -                                | Wood Utilization Assistance  |                            |                                      |   |
| 10.676                              | D                | 22,854               | -                                | Forest Legacy Program  |                            |                                      |   |
| 10.678                              | D                | 227,509              | -                                | Forest Stewardship Program   |                            |                                      |   |
| 10.680                              | D                | 686,628              | -                                | Forest Health Protection   |                            |                                      |   |
| 10.684                              | D                | 34,337               | -                                | International Forestry Programs  |                            |                                      |   |
| 10.691                              | D                | 303,571              | -                                | Good Neighbor Authority  |                            |                                      |   |
| 10.698                              | I                | 16,761               | -                                | State & Private Forestry Cooperative Fire Assistance   | A107426                    | Nature Conservancy                   |   |
| 10.699                              | D                | 145,331              | -                                | Partnership Agreements   |                            |                                      |   |
| 10.777                              | D                | 96,318               | -                                | Norman E. Borlaug International Agricultural Science and Technology Fellowship                           |                            |                                      |   |
| 10.902                              | D                | 1,014,367            | 68,500                           | Soil and Water Conservation  |                            |                                      |   |
| 10.902                              | I                | 33,966               | -                                | Soil and Water Conservation  | 549158-19071               | Virginia Polytech Inst.              |   |
| 10.912                              | D                | 164,758              | -                                | Environmental Quality Incentives Program   |                            |                                      |   |
| 10.912                              | I                | 27,017               | -                                | Environmental Quality Incentives Program   | 3200004692-22-217          | Univ Of Kentucky                     |   |
| 10.934                              | D                | 169,978              | -                                | Feral Swine Eradication and Control Pilot Program  |                            |                                      |   |
| 10.960                              | D                | 13,888               | 2,285                            | Technical Agricultural Assistance  |                            |                                      |   |
| 10.962                              | D                | 244,782              | -                                | Cochran Fellowship Program-International Training-Foreign Participant                                    |                            |                                      |   |
| 10.U01                              | D                | 957,638              | -                                | U. S. Department of Agriculture  |                            |                                      |   |
| 10.U02                              | I                | 4,457                | -                                | U. S. Department of Agriculture  | Subaward dated 9-16-2020   | 1890 Universities Foundation         | Phytosanitary Fees<br>G-281142<br>200-1035-100-00169<br>2023-2599 |
| 10.U03                              | D                | 50,001               | -                                | U. S. Department of Agriculture  |                            |                                      | 2022-1310   |
| 10.U04                              | D                | 8,433                | -                                | U. S. Department of Agriculture  |                            |                                      | 2023-0270   |
| 10.U05                              | D                | 9,053                | -                                | U. S. Department of Agriculture  |                            |                                      | 2023-0270   |
| 10.U06                              | I                | 12,364               | -                                | U. S. Department of Agriculture  | 2023-0270                  | American Farmland Trust              |   |
| 10.U07                              | I                | 7,725                | -                                | U. S. Department of Agriculture  |                            | American Farmland Trust              |   |
| 10.U08                              | I                | 14,759               | -                                | U. S. Department of Agriculture  | PAM-P21-002987             | Global Agri Development Corp         | PAM-P21-002987  |
|                                     |                  | <u>884,459,567</u>   | <u>166,938,962</u>               | Total - Other Programs - U. S. Department of Agriculture   |                            |                                      |   |
| <b>U. S. Department of Commerce</b> |                  |                      |                                  |  |                            |                                      |   |
| 11.020                              | D                | 92,312               | -                                | Cluster Grants   |                            |                                      |   |
| 11.028                              | D                | 626,632              | 397,308                          | Connecting Minority Communities Pilot Program  |                            |                                      |   |
| 11.031                              | D                | 39,155               | 39,155                           | Broadband Infrastructure Program   |                            |                                      |   |
| 11.303                              | D                | 94,050               | -                                | Economic Development Technical Assistance  |                            |                                      |   |
| 11.407                              | D                | 177,907              | -                                | Interjurisdictional Fisheries Act of 1986  |                            |                                      |   |
| 11.417                              | D                | 730,261              | 405,052                          | Sea Grant Support  |                            |                                      |   |
| 11.417                              | I                | 61,447               | -                                | Sea Grant Support  | 015901.340594.02           | Mississippi State Univ               |   |
| 11.419                              | D                | 3,008,048            | -                                | Coastal Zone Management Administration Awards  |                            |                                      |   |
| 11.420                              | D                | 745,649              | -                                | Coastal Zone Management Estuarine Research Reserves  |                            |                                      |   |
| 11.427                              | D                | 9,476                | -                                | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program |                            |                                      |   |
| 11.427                              | I                | 20                   | -                                | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program | 91618-27588203             | Univ Of Maryland Eastern Shore       |   |
| 11.431                              | D                | 35,842               | 21,751                           | Climate and Atmospheric Research   |                            |                                      |   |
| 11.434                              | D                | 128,635              | -                                | Cooperative Fishery Statistics   |                            |                                      |   |
| 11.435                              | D                | 60,644               | -                                | Southeast Area Monitoring and Assessment Program   |                            |                                      |   |
| 11.439                              | D                | 100,622              | -                                | Marine Mammal Data Program   |                            |                                      |   |
| 11.468                              | I                | 87,612               | -                                | Applied Meteorological Research  | S2020-140                  | Synoptic Data                        |   |
| 11.472                              | D                | 216,360              | 173,954                          | Unallied Science Program   |                            |                                      |   |
| 11.473                              | D                | 341,611              | -                                | Office for Coastal Management  |                            |                                      |   |
| 11.474                              | D                | 409,792              | -                                | Atlantic Coastal Fisheries Cooperative Management Act  |                            |                                      |   |
| 11.474                              | I                | 10,610               | -                                | Atlantic Coastal Fisheries Cooperative Management Act  | 18-501                     | Asmfc                                |   |
| 11.477                              | D                | 7,671,318            | 7,627,618                        | Fisheries Disaster Relief  |                            |                                      |   |
| 11.549                              | D                | 6,830                | -                                | State and Local Implementation Grant Program   |                            |                                      |   |
| 11.611                              | D                | 3,602,861            | 917,208                          | Manufacturing Extension Partnership  |                            |                                      |   |
| 11.619                              | I                | 39,911               | -                                | Arrangements for Interdisciplinary Research Infrastructure   | 22-B-004 PO#982            | Affoa                                |   |
| 11.805                              | D                | 242,005              | -                                | COVID-19 - MBDA Business Center  |                            |                                      |   |
| 11.805                              | D                | 396,518              | -                                | MBDA Business Center   |                            |                                      |   |
|                                     |                  | <u>18,936,128</u>    | <u>9,582,046</u>                 | Total - Other Programs - U. S. Department of Commerce  |                            |                                      |   |
| <b>U. S. Department of Defense</b>  |                  |                      |                                  |  |                            |                                      |   |
| 12.300                              | I                | 6,111                | -                                | Basic and Applied Scientific Research  | W9126G-17-2-0025           | Cooperative Ecosystem Studies        |   |
| 12.330                              | D                | 70,861               | -                                | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program          |                            |                                      |   |
| 12.357                              | I                | 25,025               | -                                | ROTC Language and Culture Training Grants  | PGO1801-NCSU-12-PGO-051-P  | Institute Of Int'L Education         |   |
| 12.357                              | I                | 347,014              | -                                | ROTC Language and Culture Training Grants  | PGO1801NCSU-12-PGO051-PO6  | Institute Of Int'L Education         |   |
| 12.400                              | D                | 5,194,744            | -                                | Military Construction, National Guard  |                            |                                      |   |
| 12.401                              | D                | 37,920,935           | -                                | National Guard Military Operations and Maintenance (O&M) Projects  |                            |                                      |   |
| 12.404                              | D                | 7,997,715            | -                                | National Guard ChalleNGe Program   |                            |                                      |   |
| 12.600                              | D                | 897,026              | 161,235                          | Community Investment   |                            |                                      |   |
| 12.610                              | D                | 31,629               | -                                | Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies                   |                            |                                      |   |
| 12.630                              | D                | 61,145               | -                                | Basic, Applied, and Advanced Research in Science and Engineering   |                            |                                      |   |
| 12.630                              | I                | 26,079               | -                                | Basic, Applied, and Advanced Research in Science and Engineering   | Email dated 3/31/2022      | Technology Student Association (TSA) |   |
| 12.800                              | I                | 3,091                | -                                | Air Force Defense Research Sciences Program  | 879                        | Affoa                                |   |
| 12.900                              | D                | 206,158              | -                                | Language Grant Program   |                            |                                      |   |
| 12.902                              | D                | 38,304               | -                                | Information Security Grants  |                            |                                      |   |
| 12.902                              | I                | 1,399                | -                                | Information Security Grants  | 215112                     | University of West Florida           |   |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name                      | Additional Award Information          |
|--|------------------|----------------------|----------------------------------|--|----------------------------|---|---------------------------------------|
| 12.903   | D                | 91,943               | -                                | GenCyber Grants Program  |                            |   |                                       |
| 12.905   | I                | 6,051                | -                                | CyberSecurity Core Curriculum  | 22596-RS022                | Norwich University                            |                                       |
| 12.905   | I                | 27,796               | -                                | CyberSecurity Core Curriculum  | 4127-53903000F             | Moraine Valley Community College              |                                       |
| 12.905   | I                | 30,334               | -                                | CyberSecurity Core Curriculum  | Subaward No. A22-0041-S003 | University of Memphis                         |                                       |
| 12.U01   | D                | 5,402                | -                                | U. S. Department of Defense  |                            |   | Troops to Teachers/Spouses to Teacher |
| 12.U02   | D                | 21,280               | -                                | U. S. Department of Defense  |                            |   | IPA # 2021-ECP-03                     |
| 12.U03   | I                | 82,684               | -                                | U. S. Department of Defense  | H98230-21-1-0068           | DOD National Security Agency (NSA)            | G-210259                              |
| 12.U04   | I                | 428,999              | -                                | U. S. Department of Defense  | ACENet-001                 | Collaborative Composite Solutions Corporation | G-281274                              |
| 12.U05   | D                | 7,500                | -                                | U. S. Department of Defense  |                            |   | IPA P22-002809                        |
| 12.U06   | D                | 26,792               | -                                | U. S. Department of Defense  |                            |   | H9245422P0036                         |
| 12.U07   | D                | 25,000               | -                                | U. S. Department of Defense  |                            |   | 2020-1858                             |
| 12.U08   | I                | 239                  | -                                | U. S. Department of Defense  | W911NF-17-D-006            | Applied Research Assoc. (Ara)                 | W911NF-17-D-006                       |
| 12.U09   | I                | 26,666               | -                                | U. S. Department of Defense  | 2103424-01                 | Stevens Institute Of Tech                     | 2103424-01                            |
| 12.U10   | I                | 32,325               | -                                | U. S. Department of Defense  | 882                        | Afsoa   | 882                                   |
| 12.U11   | D                | 183,963              | -                                | U. S. Department of Defense  |                            |   | Passive Samplers for Per- and Poly    |
| 12.U12   | D                | 500                  | -                                | U. S. Department of Defense  |                            |   | UNCC GenCyber: Promoting GenCyber     |
| 12.U13   | D                | 63                   | -                                | U. S. Department of Defense  |                            |   | Musculoskeletal Injury, Mental Heal   |
| 12.U14   | D                | 85,627               | -                                | U. S. Department of Defense  |                            |   | UNC Charlotte Intelligence Com        |
| 12.U15   | D                | 660                  | -                                | U. S. Department of Defense  |                            |   | UNC Charlotte Intelligence Com        |
| 12.U16   | D                | 163,583              | -                                | U. S. Department of Defense  |                            |   | UNC Charlotte Intelligence Com        |
| 12.U17   | D                | 55,840               | -                                | U. S. Department of Defense  |                            |   | UNC Charlotte Intelligence Com        |
| 12.U18   | D                | 30,412               | -                                | U. S. Department of Defense  |                            |   | UNC Charlotte Intelligence Com        |
| 12.U19   | D                | 143,357              | -                                | U. S. Department of Defense  |                            |   | Transcending Chu Limits               |
| 12.U20   | D                | 3,816                | -                                | U. S. Department of Defense  |                            |   | Tactical Energy Converter             |
| 12.U21   | I                | 16,198               | -                                | U. S. Department of Defense  | US001-0000753894           | Battelle Memorial Institute                   | PFAS chemical degradation             |
| 12.U22   | I                | 79,139               | -                                | U. S. Department of Defense  | 2975-20-0246               | Nanohmics, Inc.                               | NC Strategic Partnership              |
| 12.U23   | I                | 57,091               | -                                | U. S. Department of Defense  | S20-1014                   | MZA Associates Corporation                    | STTR: STTR Phase II: IR Scatter       |
| 12.U24   | I                | 3,156                | -                                | U. S. Department of Defense  | 2021-09                    | MxD USA                                       | SBIR: Semi-Analytic Phase II          |
| 12.U25   | I                | 30,168               | -                                | U. S. Department of Defense  | GS.1403.012.UNCC.21.01     | TDA Research, Inc.                            | Development of Manufacturing Equip    |
| 12.U26   | I                | 39,150               | -                                | U. S. Department of Defense  | SPF1160215                 | Alion Science and Technology Corporation      | Testis preservation                   |
| 12.U27   | I                | 28,942               | -                                | U. S. Department of Defense  | TSI-5026-21-20206311       |   | Development of CFD-based Data-drive   |
| 12.U28   | I                | 4,651                | -                                | U. S. Department of Defense  | US002-000839192            | Triton Systems, Inc.                          | SBIR: Real-time Muzzle Velocity       |
| 12.U29   | I                | 134,520              | -                                | U. S. Department of Defense  | 598710-78050               | Battelle Memorial Institute                   | Army Outreach and Education Program   |
|  |                  | 54,701,083           | 161,235                          | Total - Other Programs - U. S. Department of Defense   |                            | Northeastern University                       | DeepShare for Concurrent Resilient    |
| <b>U. S. Central Intelligence Agency</b>                 |                  |                      |                                  |  |                            |   |                                       |
| 13.U01   | I                | 41,575               | -                                | U. S. Central Intelligence Agency  | Agreement Dated 04/10/23   | DEFENSEWERX                                   | Autonomous Systems and Robotic        |
|  |                  | 41,575               | -                                | Total - Other Programs - U. S. Central Intelligence Agency   |                            |   |                                       |
| <b>U. S. Department of Housing and Urban Development</b> |                  |                      |                                  |  |                            |   |                                       |
| 14.171   | D                | 178,868              | -                                | Manufactured Home Dispute Resolution   |                            |   |                                       |
| 14.228   | D                | 175,612,120          | 38,448,994                       | Community Development Block Grants/State's program and Non-Entitlement Grants                      |                            |   |                                       |
|  |                  |                      |                                  | In Hawaii  |                            |   |                                       |
| 14.228   | D                | 6,959,921            | 6,792,228                        | COVID-19 - Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii |                            |   |                                       |
| 14.231   | D                | 4,716,149            | 4,375,308                        | Emergency Solutions Grant Program  |                            |   |                                       |
| 14.231   | D                | 12,651,869           | 12,611,599                       | COVID-19 - Emergency Solutions Grant Program   |                            |   |                                       |
| 14.241   | D                | 2,749,141            | 2,702,409                        | Housing Opportunities for Persons with AIDS  |                            |   |                                       |
| 14.401   | D                | 102,734              | -                                | Fair Housing Assistance Program State and Local  |                            |   |                                       |
|  |                  | 202,970,802          | 64,930,538                       | Total - Other Programs - U. S. Department of Housing and Urban Development                         |                            |   |                                       |
| <b>U. S. Department of Interior</b>                      |                  |                      |                                  |  |                            |   |                                       |
| 15.232   | I                | 25,480               | -                                | Joint Fire Science Program   | SUB00003458                | Univ Of Florida                               |                                       |
| 15.614   | D                | 3,500                | -                                | Coastal Wetlands Planning, Protection and Restoration  |                            |   |                                       |
| 15.615   | D                | 500,938              | 10,200                           | Cooperative Endangered Species Conservation Fund   |                            |   |                                       |
| 15.616   | D                | 35,612               | 20,015                           | Clean Vessel Act   |                            |   |                                       |
| 15.622   | D                | 66,980               | -                                | Sportfishing and Boating Safety Act  |                            |   |                                       |
| 15.630   | D                | 46,998               | -                                | Coastal  |                            |   |                                       |
| 15.631   | D                | 47,672               | 38,500                           | Partners for Fish and Wildlife   |                            |   |                                       |
| 15.634   | D                | 1,453,517            | 2,096                            | State Wildlife Grants  |                            |   |                                       |
| 15.657   | D                | 393,121              | 37,475                           | Endangered Species Recovery Implementation   |                            |   |                                       |
| 15.684   | D                | 50,000               | -                                | White-nose Syndrome National Response Implementation   |                            |   |                                       |
| 15.807   | I                | 17,208               | -                                | Earthquake Hazards Program Assistance  | SCON 00003717              | University of Southern California             |                                       |
| 15.808   | D                | 66,854               | 10,000                           | U.S. Geological Survey Research and Data Collection  |                            |   |                                       |
| 15.810   | D                | 221,480              | -                                | National Cooperative Geologic Mapping  |                            |   |                                       |
| 15.814   | D                | 12,968               | -                                | National Geological and Geophysical Data Preservation  |                            |   |                                       |
| 15.904   | D                | 1,451,955            | 170,975                          | Historic Preservation Fund Grants-In-Aid   |                            |   |                                       |
| 15.926   | D                | 468,954              | -                                | American Battlefield Protection  |                            |   |                                       |
| 15.928   | D                | 3,845,379            | 747,600                          | Battlefield Land Acquisition Grants  |                            |   |                                       |
| 15.931   | D                | 3,509                | -                                | Conservation Activities by Youth Service Organizations   |                            |   |                                       |
| 15.945   | D                | 299,766              | -                                | Cooperative Research and Training Programs - Resources of the National Park System                 |                            |   |                                       |
| 15.957   | D                | 1,653,756            | 124,559                          | Emergency Supplemental Historic Preservation Fund  |                            |   |                                       |
| 15.U01   | D                | (1,287)              | -                                | U. S. Department of Interior   |                            |   | IPA-PAM-P20-001528                    |
| 15.U02   | I                | 117,632              | -                                | U. S. Department of Interior   | 2100186                    | Eastern Band Of The Cherokee                  | 2100186                               |
|  |                  | 10,781,992           | 1,161,420                        | Total - Other Programs - U. S. Department of Interior  |                            |   |                                       |
| <b>U. S. Department of Justice</b>                       |                  |                      |                                  |  |                            |   |                                       |
| 16.017   | D                | 342,131              | 342,131                          | Sexual Assault Services Formula Program  |                            |   |                                       |



State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                      | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information      |
|----------------------------------|------------------|----------------------|----------------------------------|---|----------------------------|--------------------------|-----------------------------------|
| 16.034                           | D                | 459,408              | -                                | Coronavirus Emergency Supplemental Funding Program  |                            |                          |                                   |
| 16.525                           | D                | 271,479              | 97,894                           | Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus |                            |                          |                                   |
| 16.54                            | D                | 1,769,824            | 975,115                          | Juvenile Justice and Delinquency Prevention   |                            |                          |                                   |
| 16.543                           | D                | 170,809              | 170,809                          | Missing Children's Assistance   |                            |                          |                                   |
| 16.55                            | D                | 20,899               | -                                | State Justice Statistics Program for Statistical Analysis Centers                           |                            |                          |                                   |
| 16.560                           | D                | 20,441               | -                                | National Institute of Justice Research, Evaluation, and Development Project Grants          |                            |                          |                                   |
| 16.575                           | D                | 51,468,813           | 44,880,225                       | Crime Victim Assistance   |                            |                          |                                   |
| 16.576                           | D                | 2,740,313            | 2,526,117                        | Crime Victim Compensation   |                            |                          |                                   |
| 16.585                           | D                | 126,830              | -                                | Drug Court Discretionary Grant Program  |                            |                          |                                   |
| 16.585                           | I                | 70,262               | -                                | Drug Court Discretionary Grant Program  | 2019DCBX0035               | Washington County        |                                   |
| 16.585                           | I                | 63,022               | -                                | Drug Court Discretionary Grant Program  | 2019dcbx0049               | Catawba                  |                                   |
| 16.585                           | I                | 100,177              | -                                | Drug Court Discretionary Grant Program  | 2020ARBX0018               | Lenoir County            |                                   |
| 16.585                           | I                | 180,152              | -                                | Drug Court Discretionary Grant Program  | 2020ARBX0128               | Harnett County           |                                   |
| 16.585                           | I                | 89,323               | -                                | Drug Court Discretionary Grant Program  | 2020DCBX0155               | Robeson County           |                                   |
| 16.585                           | I                | 62,002               | -                                | Drug Court Discretionary Grant Program  | 2020VCBX0118               | City of Winston Salem    |                                   |
| 16.585                           | I                | 32,269               | -                                | Drug Court Discretionary Grant Program  | SH79T1081046-03            | Brunswick County         |                                   |
| 16.588                           | D                | 3,668,992            | 2,441,884                        | Violence Against Women Formula Grants   |                            |                          |                                   |
| 16.593                           | D                | 710,529              | -                                | Residential Substance Abuse Treatment for State Prisoners                                   |                            |                          |                                   |
| 16.606                           | D                | 9,144,217            | -                                | State Criminal Alien Assistance Program   |                            |                          |                                   |
| 16.710                           | D                | 2,601,243            | -                                | Public Safety Partnership and Community Policing Grants                                     |                            |                          |                                   |
| 16.726                           | I                | 35,473               | -                                | Juvenile Mentoring Program  | 15PJDD-21-GG-02766-MENT    |                          | National 4-H Council              |
| 16.735                           | D                | 10,449               | -                                | PREA Program: Strategic Support for PREA Implementation                                     |                            |                          |                                   |
| 16.738                           | D                | 5,172,196            | 3,631,088                        | Edward Byrne Memorial Justice Assistance Grant Program                                      |                            |                          |                                   |
| 16.741                           | D                | 2,408,072            | 178,065                          | DNA Backlog Reduction Program   |                            |                          |                                   |
| 16.742                           | D                | 124,870              | -                                | Paul Coverdell Forensic Sciences Improvement Grant Program                                  |                            |                          |                                   |
| 16.751                           | D                | 385,013              | -                                | Edward Byrne Memorial Competitive Grant Program   |                            |                          |                                   |
| 16.752                           | D                | 279,049              | -                                | Economic, High-Tech, and Cyber Crime Prevention   |                            |                          |                                   |
| 16.812                           | D                | 125,345              | -                                | Second Chance Act Reentry Initiative  |                            |                          |                                   |
| 16.816                           | D                | 3,005                | 3,005                            | John R. Justice Prosecutors and Defenders Incentive Act                                     |                            |                          |                                   |
| 16.820                           | D                | 425,646              | -                                | Postconviction Testing of DNA Evidence  |                            |                          |                                   |
| 16.827                           | D                | 141,964              | -                                | Justice Reinvestment Initiative   |                            |                          |                                   |
| 16.831                           | D                | 99,960               | -                                | Children of Incarcerated Parents  |                            |                          |                                   |
| 16.833                           | D                | 686,313              | -                                | National Sexual Assault Kit Initiative  |                            |                          |                                   |
| 16.833                           | I                | 63,990               | -                                | National Sexual Assault Kit Initiative  | 2020VCBX0129               | City of Durham           |                                   |
| 16.833                           | I                | 22,227               | -                                | National Sexual Assault Kit Initiative  | SH79T1081046-03            | City of Fayetteville     |                                   |
| 16.836                           | D                | 58,495               | -                                | Indigent Defense  |                            |                          |                                   |
| 16.839                           | D                | 432,479              | -                                | STOP School Violence  |                            |                          |                                   |
| 16.922                           | D                | 442,460              | -                                | Equitable Sharing Program   |                            |                          |                                   |
|                                  |                  | <u>85,030,741</u>    | <u>55,246,333</u>                | Total - Other Programs - U. S. Department of Justice  |                            |                          |                                   |
| <b>U. S. Department of Labor</b> |                  |                      |                                  |   |                            |                          |                                   |
| 17.002                           | D                | 1,533,010            | -                                | Labor Force Statistics  |                            |                          |                                   |
| 17.005                           | D                | 181,251              | -                                | Compensation and Working Conditions   |                            |                          |                                   |
| 17.225                           | D                | 356,527,107          | -                                | Unemployment Insurance  |                            |                          |                                   |
| 17.225                           | D                | 29,526,552           | -                                | COVID-19 - Unemployment Insurance   |                            |                          |                                   |
| 17.235                           | D                | 1,721,143            | 1,593,626                        | Senior Community Service Employment Program   |                            |                          |                                   |
| 17.245                           | D                | 2,605,503            | -                                | Trade Adjustment Assistance   |                            |                          |                                   |
| 17.261                           | D                | 822,126              | 381,988                          | WIOA Pilots, Demonstrations, and Research Projects  |                            |                          |                                   |
| 17.265                           | D                | 402,899              | 75,103                           | Native American Employment and Training   |                            |                          |                                   |
| 17.267                           | I                | 55,458               | -                                | Incentive Grants - WIA Section 503  | 9-20202030-21-4505-02/04   |                          | UCPCOG - Turning Point WDB - 4505 |
| 17.268                           | D                | 1,157,456            | 384,294                          | H-1B Job Training Grants  |                            |                          |                                   |
| 17.270                           | D                | 1,340,629            | 40,836                           | Reentry Employment Opportunities  |                            |                          |                                   |
| 17.271                           | D                | 614,506              | -                                | Work Opportunity Tax Credit Program (WOTC)  |                            |                          |                                   |
| 17.273                           | D                | 744,589              | -                                | Temporary Labor Certification for Foreign Workers   |                            |                          |                                   |
| 17.274                           | D                | 482,512              | -                                | YouthBuild  |                            |                          |                                   |
| 17.277                           | D                | 754,413              | 717,503                          | WIOA National Dislocated Worker Grants / WIA National Emergency Grants                      |                            |                          |                                   |
| 17.277                           | D                | 1,112,570            | 1,055,971                        | COVID-19 - WIOA National Dislocated Worker Grants / WIA National Emergency Grants           |                            |                          |                                   |
| 17.277                           | I                | 32,225               | -                                | WIOA National Dislocated Worker Grants / WIA National Emergency Grants                      | 22-3130-49-1380            |                          | Region D                          |
| 17.280                           | D                | 520,808              | -                                | WIOA Dislocated Worker National Reserve Demonstration Grants                                |                            |                          |                                   |
| 17.281                           | D                | 3,406,463            | -                                | WIOA Dislocated Worker National Reserve Technical Assistance and Training                   |                            |                          |                                   |
| 17.285                           | D                | 476,058              | -                                | Apprenticeship USA Grants   |                            |                          |                                   |
| 17.287                           | D                | 1,075,182            | -                                | Job Corps Experimental Projects and Technical Assistance                                    |                            |                          |                                   |
| 17.503                           | D                | 6,454,866            | -                                | Occupational Safety and Health State Program  |                            |                          |                                   |
| 17.504                           | D                | 1,614,465            | -                                | Consultation Agreements   |                            |                          |                                   |
| 17.600                           | D                | 180,871              | -                                | Mine Health and Safety Grants   |                            |                          |                                   |
|                                  |                  | <u>413,342,662</u>   | <u>4,249,321</u>                 | Total - Other Programs - U. S. Department of Labor  |                            |                          |                                   |
| <b>U. S. Department of State</b> |                  |                      |                                  |   |                            |                          |                                   |
| 19.009                           | D                | 164,520              | -                                | Academic Exchange Programs - Undergraduate Programs   |                            |                          |                                   |
| 19.009                           | I                | 3,667                | -                                | Academic Exchange Programs - Undergraduate Programs   | CBPSA20                    |                          | World Learning                    |
| 19.009                           | I                | 545                  | -                                | Academic Exchange Programs - Undergraduate Programs   | IDEAS21-NCSU01             |                          | World Learning                    |
| 19.021                           | I                | 57,250               | -                                | Investing in People in The Middle East and North Africa                                     | 20220-22                   |                          | Amideast                          |
| 19.040                           | D                | 184,706              | -                                | Public Diplomacy Programs   |                            |                          |                                   |
| 19.408                           | I                | 219,246              | -                                | Academic Exchange Programs - Teachers   | FY23-FTEA-ASU-01           |                          | IREX                              |
| 19.900                           | D                | 108,650              | -                                | AEECA/ESF PD Programs   |                            |                          |                                   |
| 19.900                           | I                | 29,209               | -                                | AEECA/ESF PD Programs   | FY23-FTEA-ASU-02           |                          | IREX                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number      | Pass-Through Entity Name                 | Additional Award Information  |
|--|------------------|----------------------|----------------------------------|---|---------------------------------|--|---|
| 19.U01   | I                | 1,218                | -                                | U. S. Department of State   | 3000287550                      | Institute of International Education Inc | Fulbright Pre-Academic Program  |
| 19.U02   | I                | 82                   | -                                | U. S. Department of State   | 3000287550                      | Institute of International Education Inc | Fulbright Pre-Academic Program  |
|  |                  | <u>769,093</u>       | <u>-</u>                         | Total - Other Programs - U. S. Department of State  |                                 |  |   |
| <b>U. S. Department of Transportation</b>                  |                  |                      |                                  |   |                                 |  |   |
| 20.106   | D                | 30,044,285           | 24,585,449                       | Airport Improvement Program   |                                 |  |   |
| 20.106   | D                | 2,981,916            | 2,835,736                        | COVID-19 - Airport Improvement Program  |                                 |  |   |
| 20.111   | D                | 56,385               | -                                | Aircraft Pilots Workforce Development Grant Program   |                                 |  |   |
| 20.200   | D                | 176,584              | -                                | Highway Research and Development Program  |                                 |  |   |
| 20.205   | D                | 1,356,811,621        | 65,578,937                       | Highway Planning and Construction   |                                 |  |   |
| 20.205   | D                | 70,312,638           | 1,232,318                        | COVID-19 - Highway Planning and Construction  |                                 |  |   |
| 20.205   | I                | 13,822               | -                                | Highway Planning and Construction   | 2019-2330                       | Triangle J County Govt                   |   |
| 20.205   | I                | 3051                 | -                                | Highway Planning and Construction   | Agreement ID # 11471            | DUPREC, Federal Highway Administration   |   |
| 20.205   | I                | 45746                | -                                | Highway Planning and Construction   | Agreement ID #11215             | DOT-FHA-Federal Highway Administration   |   |
| 20.205   | I                | 38,866               | -                                | Highway Planning and Construction   | MNDOT Traffic Safety Evaluation | HDR Engineering, Inc., Minnesota         |   |
| 20.205   | I                | 7,999                | -                                | Highway Planning and Construction   | UNC Vision Zero Team            | City of Burlington                       |   |
| 20.215   | D                | 233,398              | -                                | Highway Training and Education  |                                 |  |   |
| 20.219   | D                | 1,116,810            | -                                | Recreational Trails Program   |                                 |  |   |
| 20.224   | D                | 730,856              | -                                | Federal Lands Access Program  |                                 |  |   |
| 20.232   | D                | 152,648              | -                                | Commercial Driver's License Program Implementation Grant                                      |                                 |  |   |
| 20.301   | D                | 9,327                | -                                | Railroad Safety   |                                 |  |   |
| 20.314   | D                | 82,563               | -                                | Railroad Development  |                                 |  |   |
| 20.319   | D                | 31,791               | -                                | High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants    |                                 |  |   |
| 20.505   | D                | 3,696,508            | 2,593,417                        | Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research     |                                 |  |   |
| 20.509   | D                | 26,127,981           | 23,208,232                       | Formula Grants for Rural Areas and Tribal Transit Program                                     |                                 |  |   |
| 20.509   | D                | 25,059,700           | 22,760,042                       | COVID-19 - Formula Grants for Rural Areas and Tribal Transit Program                          |                                 |  |   |
| 20.528   | D                | 503,675              | -                                | Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program |                                 |  |   |
| 20.530   | D                | 232,473              | 232,473                          | Public Transportation Innovation  |                                 |  |   |
| 20.700   | D                | 742,805              | -                                | Pipeline Safety Program State Base Grant  |                                 |  |   |
| 20.703   | D                | 665,329              | 188,689                          | Interagency Hazardous Materials Public Sector Training and Planning Grants                    |                                 |  |   |
| 20.933   | D                | 15,044,510           | 7,406,640                        | National Infrastructure Investments   |                                 |  |   |
| 20.U01   | D                | 133,497              | -                                | U. S. Department of Transportation  |                                 |  |   |
| 20.U02   | D                | 76,726               | -                                | U. S. Department of Transportation  |                                 |  |   |
| 20.U03   | I                | 110,686              | -                                | U. S. Department of Transportation  | 023063E                         | Iowa State University                    | Intelligent Wireless Power Transfer PEM for Airfield Pavements QC QA for Airfield Pavements |
|  |                  | <u>1,535,244,196</u> | <u>150,621,933</u>               | Total - Other Programs - U. S. Department of Transportation                                   |                                 |  |   |
| <b>U. S. Department of the Treasury</b>                    |                  |                      |                                  |   |                                 |  |   |
| 21.016   | D                | 806,672              | -                                | Equitable Sharing   |                                 |  |   |
| 21.019   | D                | 1,661,869            | 1,149,676                        | COVID-19 - Coronavirus Relief Fund  |                                 |  |   |
| 21.023   | D                | 70,833,050           | 59,554,803                       | COVID-19 - Emergency Rental Assistance Program  |                                 |  |   |
| 21.027   | D                | 702,139,648          | 57,353,252                       | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  |                                 |  |   |
| 21.027   | I                | 374,266              | 207,556                          | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  | 90004637                        | Guilford County                          |   |
| 21.027   | I                | 553,147              | -                                | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  | EC00000000008456                | Wake County                              |   |
| 21.027   | I                | 35,778               | -                                | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  | N/A                             | Forsyth County                           |   |
| 21.031   | D                | 57,278,825           | -                                | State Small Business Credit Initiative Technical Assistance Grant Program                     |                                 |  |   |
| 21.U01   | I                | 739,970              | -                                | U. S. Department of the Treasury  | 2021-3355                       | Wake County                              | 2021-3355   |
|  |                  | <u>834,423,225</u>   | <u>118,265,287</u>               | Total - Other Programs - U. S. Department of the Treasury                                     |                                 |  |   |
| <b>U. S. Appalachian Regional Commission</b>               |                  |                      |                                  |   |                                 |  |   |
| 23.001   | D                | 436,746              | -                                | Appalachian Regional Development (See individual Appalachian Programs)                        |                                 |  |   |
| 23.002   | D                | 1,542,235            | -                                | Appalachian Area Development  |                                 |  |   |
| 23.003   | D                | 58,033,445           | -                                | Appalachian Development Highway System  |                                 |  |   |
| 23.009   | D                | 933,294              | -                                | Appalachian Local Development District Assistance   |                                 |  |   |
| 23.011   | D                | 2,064,120            | 1,560,719                        | Appalachian Research, Technical Assistance, and Demonstration Projects                        |                                 |  |   |
| 23.011   | I                | 5,000                | -                                | Appalachian Research, Technical Assistance, and Demonstration Projects                        | 22-127-1-52.1                   | ETSU                                     |   |
|  |                  | <u>63,014,840</u>    | <u>1,560,719</u>                 | Total - Other Programs - U. S. Appalachian Regional Commission                                |                                 |  |   |
| <b>U. S. Equal Employment Opportunity Commission</b>       |                  |                      |                                  |   |                                 |  |   |
| 30.U01   | D                | 38,140               | -                                | U. S. Equal Employment Opportunity Commission   |                                 |  | 45310019  |
|  |                  | <u>38,140</u>        | <u>-</u>                         | Total - Other Programs - U. S. Equal Employment Opportunity Commission                        |                                 |  |   |
| <b>U. S. Federal Communications Commission</b>             |                  |                      |                                  |   |                                 |  |   |
| 32.006   | D                | 87,565               | -                                | COVID-19 Telehealth Program   |                                 |  |   |
|  |                  | <u>87,565</u>        | <u>-</u>                         | Total - Other Programs - U. S. Federal Communications Commission                              |                                 |  |   |
| <b>U. S. General Services Administration</b>               |                  |                      |                                  |   |                                 |  |   |
| 39.003   | D                | 946,767              | -                                | Donation of Federal Surplus Personal Property   |                                 |  |   |
|  |                  | <u>946,767</u>       | <u>-</u>                         | Total - Other Programs - U. S. General Services Administration                                |                                 |  |   |
| <b>U. S. National Aeronautics and Space Administration</b> |                  |                      |                                  |   |                                 |  |   |
| 43.001   | D                | 53,189               | -                                | Science   |                                 |  |   |
| 43.001   | I                | 40,757               | -                                | Science   | ASUB00000751                    | Arizona State University                 |   |
| 43.001   | I                | 26,101               | -                                | Science   | KK2259                          | UC Santa Barbara                         |   |
| 43.002   | I                | 35,481               | -                                | Aeronautics   | Contingency Ltr Dated 3/4/2022  | University Of Illinois-Urbana-Champaign  |   |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name  | Additional Award Information        |
|---|------------------|----------------------|----------------------------------|--|--|---|-------------------------------------|
| 43.002  | I                | 95,385               | -                                | Aeronautics  | SUBAWARD # 60061599  | Ohio State University   |                                     |
| 43.002  | I                | 161,325              | -                                | Aeronautics  | Subaward No: AWD-002709-G1   | Georgia Institute of Technology-Library   |                                     |
| 43.008  | D                | 546,062              | 43,650                           | Office of Stem Engagement (OSTEM)  |  |   |                                     |
| 43.012  | D                | 62,749               | -                                | Space Technology   |  |   |                                     |
| 43.U01  | I                | 5,625                | -                                | U. S. National Aeronautics and Space Administration                                    | LETTER DATED 9-23-03   | National Action Council for Minorities in Engineering Inc   | G-280155                            |
| 43.U02  | I                | 27,598               | -                                | U. S. National Aeronautics and Space Administration                                    | 2975-2020-0570   | OptiPro Systems LLC   | Advance Nanometer Class CMM         |
| 43.U03  | I                | 18,843               | -                                | U. S. National Aeronautics and Space Administration                                    | 190210-19-02-C1  | ARCTOS Technology Solution  | Implementation of Fringe Projection |
| 43.U04  | I                | 9,352                | -                                | U. S. National Aeronautics and Space Administration                                    | 2975-2020-0571   | OptiPro Systems LLC   | CIP for Optical Metrology           |
| 43.U05  | I                | 8,557                | -                                | U. S. National Aeronautics and Space Administration                                    | 2975-2019-0697   | OptiPro Systems LLC   | SBIR: Advanced NM Coordinate Metro  |
| 43.U06  | I                | 372,909              | 55,760                           | U. S. National Aeronautics and Space Administration                                    | ASU- NASA CAN 2023-01, CCS- NASA CAN 2023-02, JCPS- NASA CAN 2023-03, MCPS- NASA CAN 2023-04, SCPS- NASA CAN 2023-05 | Appalachian State; Cherokee Central Schools; Jackson County Schools; Macon County Schools; Swain County Schools | NNX16AB87A                          |
|   |                  | <u>1,463,933</u>     | <u>99,410</u>                    | Total - Other Programs - U. S. National Aeronautics and Space Administration           |  |   |                                     |
| <b>U. S. National Foundation on the Arts and the Humanities</b> |                  |                      |                                  |  |  |   |                                     |
| 45.024  | D                | 99,799               | -                                | Promotion of the Arts Grants to Organizations and Individuals                          |  |   |                                     |
| 45.025  | D                | 50,000               | -                                | Promotion of the Arts Partnership Agreements   |  |   |                                     |
| 45.025  | D                | 1,671,517            | 1,556,880                        | COVID-19 - Promotion of the Arts Partnership Agreements                                |  |   |                                     |
| 45.129  | I                | 8,932                | -                                | Promotion of the Humanities Federal/State Partnership                                  | 19-10  | North Carolina Humanities Council   |                                     |
| 45.129  | I                | 1,972                | -                                | Promotion of the Humanities Federal/State Partnership                                  | 20-074   | North Carolina Humanities Council   |                                     |
| 45.129  | I                | 2,000                | -                                | Promotion of the Humanities Federal/State Partnership                                  | 22-10  | North Carolina Humanities Council   |                                     |
| 45.16   | D                | 2,712                | -                                | Promotion of the Humanities Fellowships and Stipends                                   |  |   |                                     |
| 45.162  | D                | 33,556               | -                                | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development |  |   |                                     |
| 45.162  | I                | 24,901               | -                                | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development | 2005498  | Teagle Foundation   |                                     |
| 45.163  | D                | 15,748               | -                                | Promotion of the Humanities Professional Development                                   |  |   |                                     |
| 45.164  | D                | 11,520               | -                                | Promotion of the Humanities Public Programs  |  |   |                                     |
| 45.164  | I                | 9,507                | -                                | Promotion of the Humanities Public Programs  | CHECK #2090186   | American Library Association  |                                     |
| 45.309  | D                | 56,131               | -                                | Museum Grants for African American History and Culture                                 |  |   |                                     |
| 45.310  | D                | 1,262,240            | -                                | COVID-19 - Grants to States  |  |   |                                     |
| 45.310  | D                | 6,375,030            | 3,801,823                        | Grants to States   |  |   |                                     |
| 45.312  | D                | 189,437              | 4,934                            | National Leadership Grants   |  |   |                                     |
| 45.313  | D                | 162,889              | -                                | Laura Bush 21st Century Librarian Program  |  |   |                                     |
| 45.U01  | I                | (21)                 | -                                | U. S. National Foundation on the Arts and the Humanities                               | PAM-P18-003342   | South Arts  | PAM-P18-003342                      |
| 45.U02  | I                | 4,468                | -                                | U. S. National Foundation on the Arts and the Humanities                               | Direct Award Letter Dated 02/18/2021   | Massachusetts Historical Society  | Chinese-American Tea Trade in       |
|   |                  | <u>9,982,338</u>     | <u>5,363,637</u>                 | Total - Other Programs - U. S. National Foundation on the Arts and the Humanities      |  |   |                                     |
| <b>U. S. National Science Foundation</b>                        |                  |                      |                                  |  |  |   |                                     |
| 47.041  | D                | 345,959              | -                                | Engineering  |  |   |                                     |
| 47.041  | I                | 322,855              | -                                | Engineering  | 104753-Z3822205  | Univ Of Maryland, College Park  |                                     |
| 47.049  | D                | 421,473              | -                                | Mathematical and Physical Sciences   |  |   |                                     |
| 47.049  | I                | 27,124               | -                                | Mathematical and Physical Sciences   | PT-004-2019  | PhysTEC   |                                     |
| 47.050  | D                | 194,358              | 1,323                            | Geosciences  |  |   |                                     |
| 47.070  | D                | 361,743              | -                                | Computer and Information Science and Engineering                                       |  |   |                                     |
| 47.070  | I                | 3,450                | -                                | Computer and Information Science and Engineering                                       | 067846-18552   | Univ Of Illinois- Urbana  |                                     |
| 47.070  | I                | 101,660              | -                                | Computer and Information Science and Engineering                                       | S9001482   | University of California, San Diego   |                                     |
| 47.074  | D                | 282,524              | -                                | Biological Sciences  |  |   |                                     |
| 47.075  | D                | 164,849              | -                                | Social, Behavioral, and Economic Sciences  |  |   |                                     |
| 47.076  | D                | 3,936,621            | 29,800                           | Education and Human Resources  |  |   |                                     |
| 47.076  | I                | 2,527                | -                                | Education and Human Resources  | 083962-18472   | Univ Of Illinois- Urbana  |                                     |
| 47.076  | I                | 9,544                | -                                | Education and Human Resources  | 1902225  | Northwest State Community College   |                                     |
| 47.076  | I                | 30,924               | -                                | Education and Human Resources  | 715391-1   | William & Mary  |                                     |
| 47.076  | I                | 4,150                | -                                | Education and Human Resources  | AACC-13900-017   | American Association of Community Colleges  |                                     |
| 47.079  | D                | 35,230               | -                                | Office of International Science and Engineering  |  |   |                                     |
| 47.079  | I                | 857                  | -                                | Office of International Science and Engineering  | 333-2782   | Duke University   |                                     |
| 47.083  | D                | 21,920               | -                                | Integrative Activities   |  |   |                                     |
| 47.U01  | D                | 286,152              | -                                | U. S. National Science Foundation  |  |   | S000633/TO-0685                     |
| 47.U02  | I                | 1,043                | -                                | U. S. National Science Foundation  | 2022-110   | Univ Of Illinois- Urbana  | 2022-110                            |
| 47.U03  | D                | 11,025               | -                                | U. S. National Science Foundation  |  |   | Support for student teams to WLS    |
| 47.U04  | D                | 15,702               | -                                | U. S. National Science Foundation  |  |   | WLS                                 |
| 47.U05  | D                | 96,579               | -                                | U. S. National Science Foundation  |  |   | IPA-Program Director                |
| 47.U06  | D                | 1,600                | -                                | U. S. National Science Foundation  |  |   | Discipline and EOCs                 |
| 47.U07  | I                | 10,314               | -                                | U. S. National Science Foundation  | 417686/URFAO: GR511017   | University of Rochester   | Freeform Optics Metrology Round     |
| 47.U08  | I                | 4,837                | -                                | U. S. National Science Foundation  | 417685/URFAO: GR511016   | University of Rochester   | Freeform Lens Arrays Phase II       |
| 47.U09  | I                | 27,813               | -                                | U. S. National Science Foundation  | 2131 POW#25088597  | Rutgers The State University  | Non-Degree Data Infrastructure      |
| 47.U10  | I                | 22,723               | -                                | U. S. National Science Foundation  | 997728   | New Jersey Institute of Technology  | AirEdge                             |
|   |                  | <u>6,725,556</u>     | <u>31,123</u>                    | Total - Other Programs - U. S. National Science Foundation                             |  |   |                                     |
| <b>U. S. Small Business Administration</b>                      |                  |                      |                                  |  |  |   |                                     |
| 59.037  | D                | 5,014,610            | -                                | Small Business Development Centers   |  |   |                                     |
| 59.037  | I                | 342,459              | -                                | Small Business Development Centers   | BPM 2022-1   | Small Business Technology Development Center  |                                     |
| 59.044  | D                | 247,099              | -                                | Veterans Outreach Program  |  |   |                                     |
| 59.075  | D                | 9,492,455            | -                                | Shuttered Venue Operators Grant Program  |  |   |                                     |
|   |                  | <u>15,096,623</u>    | -                                | Total - Other Programs - U. S. Small Business Administration                           |  |   |                                     |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                                  | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name                            | Additional Award Information        |
|--|------------------|----------------------|----------------------------------|--|----------------------------|---|-------------------------------------|
| <b>U. S. Department of Veterans Affairs</b>  |                  |                      |                                  |  |                            |   |                                     |
| 64.005                                       | D                | 1,377,094            | -                                | Grants to States for Construction of State Home Facilities   |                            |   |                                     |
| 64.027                                       | D                | 34,114               | -                                | Post-9/11 Veterans Educational Assistance  |                            |   |                                     |
| 64.028                                       | D                | 197,027              | -                                | Post-9/11 Veterans Educational Assistance  |                            |   |                                     |
| 64.124                                       | D                | 838,559              | -                                | All-Volunteer Force Educational Assistance   |                            |   |                                     |
| 64.U01                                       | D                | 1,009                | -                                | U. S. Department of Veterans Affairs   |                            |   | PAM-P23-000911                      |
| 64.U02                                       | D                | 485                  | -                                | U. S. Department of Veterans Affairs   |                            |   | PO# 558D12048                       |
| 64.U03                                       | D                | 10,800               | -                                | U. S. Department of Veterans Affairs   |                            |   | Expanding PRIDE                     |
|  |                  | <u>2,459,088</u>     | -                                | Total - Other Programs - U. S. Department of Veterans Affairs  |                            |   |                                     |
| <b>U. S. Environmental Protection Agency</b> |                  |                      |                                  |  |                            |   |                                     |
| 66.001                                       | D                | 1,963,945            | -                                | Air Pollution Control Program Support  |                            |   |                                     |
| 66.032                                       | D                | 274,193              | -                                | State Indoor Radon Grants  |                            |   |                                     |
| 66.034                                       | D                | 680,741              | -                                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act |                            |   |                                     |
| 66.040                                       | D                | 536,238              | -                                | State Clean Diesel Grant Program   |                            |   |                                     |
| 66.204                                       | D                | 97,868               | -                                | Multipurpose Grants to States and Tribes   |                            |   |                                     |
| 66.419                                       | D                | 7,462,545            | -                                | Water Pollution Control State, Interstate, and Tribal Program Support  |                            |   |                                     |
| 66.432                                       | D                | 3,236,883            | -                                | State Public Water System Supervision  |                            |   |                                     |
| 66.433                                       | D                | 97,657               | -                                | State Underground Water Source Protection  |                            |   |                                     |
| 66.444                                       | D                | 406,280              | -                                | Lead Testing in School and Child Care Program Drinking Water (SDWA 1464(d))  |                            |   |                                     |
| 66.454                                       | D                | 283,621              | -                                | Water Quality Management Planning  |                            |   |                                     |
| 66.456                                       | D                | 647,388              | -                                | National Estuary Program   |                            |   |                                     |
| 66.460                                       | D                | 2,841,586            | -                                | Nonpoint Source Implementation Grants  |                            |   |                                     |
| 66.460                                       | I                | 17,355               | -                                | Nonpoint Source Implementation Grants  | PO# 144652 / 000002263     | City Of Raleigh                                     |                                     |
| 66.461                                       | D                | 143,516              | 22,525                           | Regional Wetland Program Development Grants  |                            |   |                                     |
| 66.472                                       | D                | 381,164              | -                                | Beach Monitoring and Notification Program Implementation Grants  |                            |   |                                     |
| 66.605                                       | D                | 841,279              | -                                | Performance Partnership Grants   |                            |   |                                     |
| 66.701                                       | D                | 39,000               | -                                | Toxic Substances Compliance Monitoring Cooperative Agreements  |                            |   |                                     |
| 66.707                                       | D                | 653,767              | -                                | TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals  |                            |   |                                     |
| 66.708                                       | D                | 46,022               | -                                | Pollution Prevention Grants Program  |                            |   |                                     |
| 66.716                                       | I                | (1)                  | -                                | Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies                     | 2020-1263                  | Extension Foundation                                |                                     |
| 66.716                                       | I                | 21,125               | -                                | Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies                     | SA-2022-42                 | Extension Foundation                                |                                     |
| 66.801                                       | D                | 2,835,414            | -                                | Hazardous Waste Management State Program Support   |                            |   |                                     |
| 66.802                                       | D                | 1,271,691            | -                                | Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements                            |                            |   |                                     |
| 66.804                                       | D                | 642,704              | -                                | Underground Storage Tank (UST) Prevention, Detection, and Compliance Program   |                            |   |                                     |
| 66.805                                       | D                | 312,156              | -                                | Leaking Underground Storage Tank Trust Fund Corrective Action Program  |                            |   |                                     |
| 66.817                                       | D                | 375,662              | -                                | State and Tribal Response Program Grants   |                            |   |                                     |
| 66.818                                       | D                | 111,136              | -                                | Brownfields Assessment and Cleanup Cooperative Agreements  |                            |   |                                     |
| 66.U01                                       | D                | 13,328               | -                                | U. S. Environmental Protection Agency  |                            |   | T3-0726-FY22                        |
| 66.U02                                       | I                | 6,618                | -                                | U. S. Environmental Protection Agency  | 2200339                    | Eastern Band Of The Cherokee                        | 2200339                             |
| 66.U03                                       | D                | 5,663                | -                                | U. S. Environmental Protection Agency  |                            |   | ACF method validation               |
|  |                  | <u>26,248,544</u>    | <u>22,525</u>                    | Total - Other Programs - U. S. Environmental Protection Agency   |                            |   |                                     |
| <b>U. S. Nuclear Regulatory Commission</b>   |                  |                      |                                  |  |                            |   |                                     |
| 77.008                                       | D                | 111,507              | -                                | U. S. Nuclear Regulatory Commission Scholarship and Fellowship Program   |                            |   |                                     |
| 77.U01                                       | D                | 1,216                | -                                | U. S. Nuclear Regulatory Commission  |                            |   | 31310021P0036                       |
|  |                  | <u>112,723</u>       | -                                | Total - Other Programs - U. S. Nuclear Regulatory Commission   |                            |   |                                     |
| <b>U. S. Department of Energy</b>            |                  |                      |                                  |  |                            |   |                                     |
| 81.041                                       | D                | 904,489              | -                                | State Energy Program   |                            |   |                                     |
| 81.042                                       | D                | 5,901,551            | 5,423,410                        | Weatherization Assistance for Low-Income Persons   |                            |   |                                     |
| 81.049                                       | D                | 21,344               | -                                | Office of Science Financial Assistance Program   |                            |   |                                     |
| 81.049                                       | I                | 4,840                | -                                | Office of Science Financial Assistance Program   | 2019-2600                  | Inventwood, LLC                                     |                                     |
| 81.086                                       | I                | 8,890                | -                                | Conservation Research and Development  | 2019-3248                  | E4 Carolinas  |                                     |
| 81.087                                       | D                | 54,781               | -                                | Renewable Energy Research and Development  |                            |   |                                     |
| 81.117                                       | D                | 547,363              | 23,233                           | Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance   |                            |   |                                     |
| 81.121                                       | D                | 398,619              | -                                | Nuclear Energy Research, Development and Demonstration   |                            |   |                                     |
| 81.123                                       | D                | 981,848              | 723,689                          | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                              |                            |   |                                     |
| 81.137                                       | D                | 71,260               | -                                | Minority Economic Impact   |                            |   |                                     |
| 81.U01                                       | I                | 28,665               | -                                | U. S. Department of Energy   | 6 NU380T000304-04-02       | Nemours Foundation                                  | 6 NU380T000304-04-02                |
| 81.U02                                       | D                | 4,769                | -                                | U. S. Department of Energy   |                            |   | CAPER - Federal Memberships         |
| 81.U03                                       | D                | 52,562               | 37,042                           | U. S. Department of Energy   |                            |   | CAPER - Federal Memberships         |
| 81.U04                                       | D                | 55,410               | -                                | U. S. Department of Energy   |                            |   | Defect detection workflow           |
| 81.U05                                       | I                | 86,565               | -                                | U. S. Department of Energy   | SUB-2020-10292             | Alliance for Sustainable Energy LLC                 | Building BTM Devices and Support    |
| 81.U06                                       | I                | 107,882              | -                                | U. S. Department of Energy   | 4000181603/4000192649      | UT-Battelle, LLC                                    | Intelligent Power Stages            |
| 81.U07                                       | I                | 39,919               | -                                | U. S. Department of Energy   | TO 4300166142              | Consolidated Nuclear Security, LLC                  | SAM Task Order GFY21                |
| 81.U08                                       | I                | 3,612                | -                                | U. S. Department of Energy   | PO 2205172                 | Sandia National Laboratories                        | Radialene Radicals as Tunable Activ |
| 81.U09                                       | I                | 13,519               | -                                | U. S. Department of Energy   | 2975-2020-0074             | Osazda Energy, LLC                                  | Low-Cost, Crack-Tolerant, Screen-Pr |
| 81.U10                                       | I                | 3,600                | -                                | U. S. Department of Energy   | PO US001-0000824363        | Battelle Memorial Institute                         | Organic Fluorine Analysis for Water |
| 81.U11                                       | I                | 461,271              | -                                | U. S. Department of Energy   | 4000193622                 | Oak Ridge National Laboratory                       | Design and Control of Advanced Mach |
| 81.U12                                       | I                | 125,770              | -                                | U. S. Department of Energy   | PO N000425367              | Honeywell Federal Manufacturing & Technologies, LLC | Enhanced Optical Measurement Techno |
| 81.U13                                       | I                | 613,200              | -                                | U. S. Department of Energy   | 10014917                   | Electric Power Research Institute EPRI              | UNCC Support for GE Hitachi NRIC    |
| 81.U14                                       | I                | 35,593               | -                                | U. S. Department of Energy   | 651754                     | Dept of Energy                                      | DOE CCS                             |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                          | Direct/ Indirect | Program Expenditures | Amount                    |  | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                                     | Additional Award Information                     |
|--------------------------------------|------------------|----------------------|---------------------------|--|---|-----------------------------|--|--|
|                                      |                  |                      | Provided to Subrecipients |  |   |                             |  |  |
| 81.U15                               | I                | 155,330              | -                         |  | U. S. Department of Energy  | C3147                       |  |  |
| 81.U16                               | I                | 12,801               | -                         |  | U. S. Department of Energy  | PO2441605                   | Triad National Security, LLC<br>Sandia National Laboratories | Securing Amer Manufact GFY23<br>DOE Sandia NARFB |
|                                      |                  | <u>10,695,453</u>    | <u>6,207,374</u>          |  | Total - Other Programs - U. S. Department of Energy   |                             |  |  |
| <b>U. S. Department of Education</b> |                  |                      |                           |  |   |                             |  |  |
| 84.002A                              | D                | 18,717,469           | 18,406,476                |  | Adult Education and Family Literacy Act State Grant   |                             |  |  |
| 84.010                               | D                | 514,489,842          | 508,453,097               |  | Title I Grants to Local Educational Agencies  |                             |  |  |
| 84.011                               | D                | 6,083,249            | 4,971,702                 |  | Migrant Education State Grant Program   |                             |  |  |
| 84.013                               | D                | 877,453              | 867,994                   |  | Title I State Agency Program for Neglected and Delinquent Children and Youth  |                             |  |  |
| 84.031                               | D                | 43,961,776           | 151,991                   |  | Higher Education Institutional Aid  |                             |  |  |
| 84.031                               | I                | 9,471                | -                         |  | Higher Education Institutional Aid  | 18-0133                     | Columbus State University                                    |  |
| 84.048                               | D                | 45,355,215           | 25,555,442                |  | Career and Technical Education - Basic Grants to States   |                             |  |  |
| 84.116                               | D                | 549,112              | 128,360                   |  | Fund for the Improvement of Postsecondary Education   |                             |  |  |
| 84.120                               | D                | 662,191              | -                         |  | Minority Science and Engineering Improvement  |                             |  |  |
| 84.126                               | D                | 102,178,639          | 195,121                   |  | Rehabilitation Services Vocational Rehabilitation Grants to States  |                             |  |  |
| 84.129                               | D                | 608,194              | -                         |  | Rehabilitation Long-Term Training   |                             |  |  |
| 84.141                               | D                | 480,602              | -                         |  | Migrant Education High School Equivalency Program   |                             |  |  |
| 84.144                               | D                | 89,692               | -                         |  | Migrant Education Coordination Program  |                             |  |  |
| 84.161                               | D                | 259,791              | -                         |  | Rehabilitation Services Client Assistance Program   |                             |  |  |
| 84.169                               | D                | 481,498              | 481,498                   |  | Independent Living State Grants   |                             |  |  |
| 84.177                               | D                | 808,564              | -                         |  | Rehabilitation Services Independent Living Services for Older Individuals Who are Blind   |                             |  |  |
| 84.181                               | D                | 15,050,455           | 1,270,921                 |  | Special Education-Grants for Infants and Families   |                             |  |  |
| 84.181                               | D                | 133,745              | -                         |  | COVID-19 - Special Education-Grants for Infants and Families  |                             |  |  |
| 84.184                               | D                | 40,925               | -                         |  | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)  |                             |  |  |
| 84.184                               | I                | 1,934                | -                         |  | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)  | Work Order #20-0021         | Public Schools of Robeson County                             |  |
| 84.187                               | D                | 429,631              | -                         |  | Supported Employment Services for Individuals with the Most Significant Disabilities  |                             |  |  |
| 84.196                               | D                | 2,361,218            | 2,133,222                 |  | Education for Homeless Children and Youth   |                             |  |  |
| 84.215                               | D                | 155,858              | -                         |  | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods  |                             |  |  |
| 84.282                               | D                | 7,682,602            | 6,766,807                 |  | Charter Schools   |                             |  |  |
| 84.287                               | D                | 47,337,348           | 45,436,392                |  | Twenty-First Century Community Learning Centers   |                             |  |  |
| 84.299                               | D                | 644,608              | -                         |  | Indian Education - Special Programs for Indian Children   |                             |  |  |
| 84.299                               | I                | 159,131              | -                         |  | Indian Education - Special Programs for Indian Children   | 20-21FEC                    | Lumbee Tribe   |  |
| 84.299                               | I                | 143,264              | -                         |  | Indian Education - Special Programs for Indian Children   | S299A180037-21A             | Lumbee Tribe of NC   |  |
| 84.305                               | D                | 327,878              | 16,441                    |  | Education Research, Development and Dissemination   |                             |  |  |
| 84.305                               | D                | 125,521              | -                         |  | Education Research, Development and Dissemination   |                             |  |  |
| 84.305                               | I                | 16,131               | -                         |  | Education Research, Development and Dissemination   | GM10177 PO#2194581          | University of Virginia                                       |  |
| 84.323                               | D                | 913,945              | 665,248                   |  | Special Education - State Personnel Development   |                             |  |  |
| 84.325                               | D                | 2,577,140            | 1,412,648                 |  | Special Education - Personnel Development to Improve Services and Results for   |                             |  |  |
| 84.326                               | D                | 499,591              | -                         |  | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities   |                             |  |  |
| 84.334                               | D                | 13,017,862           | 5,315,404                 |  | Gaining Early Awareness and Readiness for Undergraduate Programs  |                             |  |  |
| 84.334                               | I                | 93,700               | -                         |  | Gaining Early Awareness and Readiness for Undergraduate Programs  | 19100053-001                | Purdue University  |  |
| 84.335                               | D                | 711,350              | -                         |  | Child Care Access Means Parents in School   |                             |  |  |
| 84.336                               | D                | 173,625              | -                         |  | Teacher Quality Partnership Grants  |                             |  |  |
| 84.336                               | I                | 16,983               | -                         |  | Teacher Quality Partnership Grants  | Subaward No: A23-0010-S0001 | High Point University  |  |
| 84.336                               | I                | 260,044              | -                         |  | Teacher Quality Partnership Grants  | Subaward No: U336S180027-01 | High Point University  |  |
| 84.358                               | D                | 4,880,274            | 4,782,842                 |  | Rural Education   |                             |  |  |
| 84.365                               | D                | 16,167,885           | 15,434,223                |  | English Language Acquisition State Grants   |                             |  |  |
| 84.367                               | D                | 65,971,143           | 63,805,127                |  | Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State   |                             |  |  |
| 84.368                               | D                | 166,084              | -                         |  | Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)  |                             |  |  |
| 84.369                               | D                | 9,678,229            | -                         |  | Grants for State Assessments and Related Activities   |                             |  |  |
| 84.377                               | D                | 40,798               | 30,788                    |  | School Improvement Grants   |                             |  |  |
| 84.382                               | D                | 2,839,403            | -                         |  | Strengthening Minority-Serving Institutions   |                             |  |  |
| 84.403                               | D                | 347,294              | -                         |  | Consolidated Grant to the Outlying Areas  |                             |  |  |
| 84.411                               | D                | 1,916,539            | -                         |  | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  |                             |  |  |
| 84.411                               | I                | 130,522              | -                         |  | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 22-022                      | Assistments Foundation                                       |  |
| 84.421                               | D                | 106,194              | -                         |  | Disability Innovation Fund (DIF)  |                             |  |  |
| 84.424                               | D                | 35,072,365           | 34,101,669                |  | Student Support and Academic Enrichment Program   |                             |  |  |
| 84.425B                              | D                | 7,062,083            | -                         |  | COVID-19 - Education Stabilization Fund - Discretionary Grants: Rethink K-12 Education Models Grants  |                             |  |  |
| 84.425C                              | D                | 36,409,561           | 17,816,734                |  | COVID-19 - Education Stabilization Fund - Governor's Emergency Education Relief (GEER) Fund   |                             |  |  |
| 84.425D                              | D                | 572,221,625          | 555,988,420               |  | COVID-19 - Education Stabilization Fund - Elementary and Secondary School Emergency Relief (ESSER) Fund   |                             |  |  |
| 84.425E                              | D                | 56,690,934           | -                         |  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion  |                             |  |  |
| 84.425F                              | D                | 208,105,504          | -                         |  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion  |                             |  |  |
| 84.425J                              | D                | 56,380,956           | -                         |  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Historically Black Colleges and Universities (HBCUs                              |                             |  |  |
| 84.425L                              | D                | 2,701,728            | -                         |  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs  |                             |  |  |
| 84.425M                              | D                | 5,647,902            | -                         |  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)   |                             |  |  |
| 84.425R                              | D                | 18,909,447           | 10,540,492                |  | COVID-19 - Education Stabilization Fund - Coronavirus Response and Relief Supplemental Appropriations Act, 2021--Emergency Assistance for Non-Public Schools (CRRSA EANS) |                             |  |  |

State of North Carolina

Schedule of Expenditures of Federal Awards (Detail)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name         | Additional Award Information                     |
|---|------------------|----------------------|----------------------------------|--|----------------------------|----------------------------------|--|
| 84.425S   | D                | 449,663              |                                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Assistance to Institutions of Higher Education (SAIHE) Program |                            |                                  |  |
| 84.425T   | D                | 610,626              |                                  | COVID-19 - Supplemental Support Under the American Rescue Plan (SSARP) Program   |                            |                                  |  |
| 84.425U   | D                | 961,647,467          | 931,565,035                      | COVID-19 - Education Stabilization Fund - American Rescue Plan Elementary and Secondary School Emergency Relief (ARP ESSER) Fund                                     |                            |                                  |  |
| 84.425V   | D                | 27,914,971           | 27,914,971                       | COVID-19 - Education Stabilization Fund - American Rescue Plan - Emergency Assistance to Non-Public Schools (ARP EANS)   |                            |                                  |  |
| 84.425W   | D                | 4,742,486            | 4,473,217                        | COVID-19 - Education Stabilization Fund - American Rescue Plan - Elementary and Secondary School Emergency Relief - Homeless Children and Youth                      |                            |                                  |  |
| 84.U01  | D                | 125,352              | -                                | U. S. Department of Education  |                            |                                  |  |
| 84.U02  | I                | 13,361               | 13,361                           | U. S. Department of Education  | PO# 247975                 | Wake County Public Sch. Sys.     | National Assessment of Education Progress - NAEP |
| 84.U03  | I                | 2,111                | -                                | U. S. Department of Education  | PO# 247975                 | Wake County Public Sch. Sys.     | PO# 247975                                       |
| 84.U04  | I                | 262,521              | -                                | U. S. Department of Education  | 4898                       | American Institutes for Research | NTACT/AIR Collaboration to Improve 47QRAA19D006U |
| 84.U05  | D                | 1,905,866            | 158,760                          | U. S. Department of Education  |                            |                                  |  |
|   |                  | <u>2,927,608,161</u> | <u>2,288,854,403</u>             | Total - Other Programs - U. S. Department of Education   |                            |                                  |  |
| <b>U. S. National Archives and Records Administration</b> |                  |                      |                                  |  |                            |                                  |  |
| 89.003  | D                | 18,408               | -                                | National Historical Publications and Records Grants  |                            |                                  |  |
|   |                  | <u>18,408</u>        | <u>-</u>                         | Total - Other Programs - U. S. National Archives and Records Administration  |                            |                                  |  |
| <b>U. S. Election Assistance Commission</b>               |                  |                      |                                  |  |                            |                                  |  |
| 90.404  | D                | 1,396,256            | -                                | COVID-19 - 2018 HAVA Election Security Grants  |                            |                                  |  |
| 90.404  | D                | (223,903)            | -                                | 2018 HAVA Election Security Grants   |                            |                                  |  |
| 90.500  | I                | 76,867               | -                                | International Broadcasting Independent Grantee Organizations   | 4507                       | Community Service Grant Radio    |  |
|   |                  | <u>1,249,220</u>     | <u>-</u>                         | Total - Other Programs - U. S. Election Assistance Commission  |                            |                                  |  |
| <b>U. S. Department of Health and Human Services</b>      |                  |                      |                                  |  |                            |                                  |  |
| 93.041  | D                | 126,421              | 126,421                          | Special Programs for the Aging, Title VII, Chapter 3, Programs for Prevention of Elder Abuse, Neglect, and Exploitation  |                            |                                  |  |
| 93.042  | D                | 691,358              | 691,358                          | Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals  |                            |                                  |  |
| 93.043  | D                | 967,530              | 967,530                          | Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services  |                            |                                  |  |
| 93.048  | D                | 758,916              | 190,536                          | Special Programs for the Aging, Title IV, and Title II, Discretionary Projects   |                            |                                  |  |
| 93.048  | D                | 1,050,614            | -                                | COVID-19 - Special Programs for the Aging, Title IV, and Title II, Discretionary Projects  |                            |                                  |  |
| 93.052  | D                | 7,017,397            | 6,734,733                        | National Family Caregiver Support, Title III, Part E   |                            |                                  |  |
| 93.059  | D                | 603,590              | -                                | Training in General, Pediatric, and Public Health Dentistry  |                            |                                  |  |
| 93.069  | D                | 13,341,152           | 4,095,704                        | Public Health Emergency Preparedness   |                            |                                  |  |
| 93.070  | D                | 634,102              | 28,184                           | Environmental Public Health and Emergency Response   |                            |                                  |  |
| 93.071  | D                | 1,277,151            | 935,984                          | Medicare Enrollment Assistance Program   |                            |                                  |  |
| 93.072  | D                | 180,418              | -                                | Lifespan Respite Care Program  |                            |                                  |  |
| 93.073  | D                | 262,972              | -                                | Birth Defects and Developmental Disabilities - Prevention and Surveillance   |                            |                                  |  |
| 93.074  | D                | 319,336              | -                                | Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements   |                            |                                  |  |
| 93.079  | D                | 101,659              | -                                | Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance  |                            |                                  |  |
| 93.080  | D                | 436,103              | 421,490                          | Blood Disorder Program: Prevention, Surveillance, and Research   |                            |                                  |  |
| 93.090  | D                | 889,536              | 889,536                          | Guardianship Assistance  |                            |                                  |  |
| 93.090  | D                | 81,694               | -                                | COVID-19 - Guardianship Assistance   |                            |                                  |  |
| 93.092  | D                | 1,261,746            | 1,064,644                        | Affordable Care Act (ACA) Personal Responsibility Education Program  |                            |                                  |  |
| 93.103  | D                | 2,058,409            | -                                | Food and Drug Administration Research  |                            |                                  |  |
| 93.110  | D                | 3,046,761            | 1,545,334                        | Maternal and Child Health Federal Consolidated Programs  |                            |                                  |  |
| 93.110  | I                | 9,036                | -                                | Maternal and Child Health Federal Consolidated Programs  | 2 H30MC24046-11-00         | Hemophilia of Georgia Inc        |  |
| 93.110  | I                | 692                  | -                                | Maternal and Child Health Federal Consolidated Programs  | 5H30MC24046-12-00          | Hemophilia of Georgia Inc        |  |
| 93.113  | D                | 67,541               | -                                | Environmental Health   |                            |                                  |  |
| 93.113  | I                | 12,858               | -                                | Environmental Health   | 3-340-0217136-65799L       | Rti International                |  |
| 93.113  | I                | 7,571                | -                                | Environmental Health   | 3-340-0217136-65799LHHEAR  | Rti International                |  |
| 93.116  | D                | 1,903,475            | 871,442                          | Project Grants and Cooperative Agreements for Tuberculosis Control Programs  |                            |                                  |  |
| 93.124  | D                | 26,114               | -                                | Nurse Anesthetist Traineeship  |                            |                                  |  |
| 93.127  | D                | 134,462              | -                                | Emergency Medical Services for Children  |                            |                                  |  |
| 93.130  | D                | 208,721              | -                                | Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices  |                            |                                  |  |
| 93.136  | D                | 10,206,866           | 5,322,827                        | COVID-19 - Injury Prevention and Control Research and State and Community Based Programs   |                            |                                  |  |
| 93.143  | D                | 4,930                | -                                | NIEHS Superfund Hazardous Substances Basic Research and Education  |                            |                                  |  |
| 93.150  | D                | 1,923,854            | 1,884,249                        | Projects for Assistance in Transition from Homelessness (PATH)   |                            |                                  |  |
| 93.155  | D                | 1,567,421            | 1,567,421                        | Rural Health Research Centers  |                            |                                  |  |
| 93.165  | D                | 137,108              | -                                | Grants to States for Loan Repayment  |                            |                                  |  |
| 93.172  | I                | 247,487              | -                                | Human Genome Research  | 303001272                  | Duke University                  |  |
| 93.178  | D                | 582,740              | -                                | Nursing Workforce Diversity  |                            |                                  |  |
| 93.191  | D                | 263,807              | -                                | Graduate Psychology Education  |                            |                                  |  |
| 93.197  | D                | 498,145              | -                                | Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children                  |                            |                                  |  |
| 93.211  | D                | 595,134              | 91,875                           | Telehealth Programs  |                            |                                  |  |
| 93.217  | D                | 7,431,075            | 6,014,326                        | Family Planning Services   |                            |                                  |  |
| 93.234  | D                | 189,313              | 183,733                          | Traumatic Brain Injury State Demonstration Grant Program   |                            |                                  |  |
| 93.235  | D                | 1,697,021            | 913,500                          | Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program   |                            |                                  |  |
| 93.236  | D                | (71,800)             | -                                | Grants to States to Support Oral Health Workforce Activities   |                            |                                  |  |

State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name                      | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|---|--------------------------------|---|------------------------------|
| 93.240      | D                | 388,123              | 8,432                            | State Capacity Building   |                                |   |                              |
| 93.241      | D                | 660,370              | 374,626                          | State Rural Hospital Flexibility Program  |                                |   |                              |
| 93.243      | D                | 8,233,771            | 5,345,426                        | Substance Abuse and Mental Health Services Projects of Regional and National Significance   |                                |   |                              |
| 93.243      | I                | 40,238               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 10020-001-FY23                 | Trillium Health Resources                     |                              |
| 93.243      | I                | 3,726                | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 22-0311                        | Governors Inst on Alcohol and Substance Abuse |                              |
| 93.243      | I                | 17,046               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 23-0129                        | Governors Inst on Alcohol and Substance Abuse |                              |
| 93.243      | I                | 20,652               | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 5H79T1083987-02                | Governor's Institute on Substance Abuse       |                              |
| 93.243      | I                | 7,315                | -                                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | Subaward No: NCATFY22          | Governors State University                    |                              |
| 93.247      | D                | 657,058              | -                                | Advanced Nursing Education Workforce Grant Program  |                                |   |                              |
| 93.251      | D                | 234,635              | -                                | Early Hearing Detection and Intervention  |                                |   |                              |
| 93.262      | D                | 161,646              | 30,000                           | Occupational Safety and Health Program  |                                |   |                              |
| 93.262      | I                | 17,529               | -                                | Occupational Safety and Health Program  | 3210001809-19-121/PO7800005771 | Univ of Kentucky Research Found               |                              |
| 93.262      | I                | 8,301                | -                                | Occupational Safety and Health Program  | 3210001810-20-165              | Univ Of Kentucky Res. Found.                  |                              |
| 93.262      | I                | 5,253                | -                                | Occupational Safety and Health Program  | Email dated 10/16/19           | University of Kentucky                        |                              |
| 93.268      | D                | 171,090,717          | 2,375,963                        | Immunization Cooperative Agreements   |                                |   |                              |
| 93.268      | D                | (4,448,049)          | -                                | COVID-19 - Immunization Cooperative Agreements  |                                |   |                              |
| 93.270      | D                | 276,708              | -                                | Viral Hepatitis Prevention and Control  |                                |   |                              |
| 93.276      | D                | 42,346               | -                                | Drug-Free Communities Support Program Grants  |                                |   |                              |
| 93.279      | D                | 35,930               | -                                | Drug Abuse and Addiction Research Programs  |                                |   |                              |
| 93.301      | D                | 374,757              | 367,257                          | Small Rural Hospital Improvement Grant Program  |                                |   |                              |
| 93.314      | D                | 72,723               | -                                | Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program  |                                |   |                              |
| 93.317      | I                | 151                  | -                                | Emerging Infections Programs  | 35                             | American College Health Foundation            |                              |
| 93.323      | D                | 2,860,316            | 723,664                          | Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)  |                                |   |                              |
| 93.323      | D                | (28,752,096)         | -                                | COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)   |                                |   |                              |
| 93.324      | D                | 1,667,812            | 779,928                          | State Health Insurance Assistance Program   |                                |   |                              |
| 93.327      | D                | 42,648               | -                                | Demonstration Grants for Domestic Victims of Human Trafficking  |                                |   |                              |
| 93.334      | D                | 320,314              | -                                | The Healthy Brain Initiative: Technical Assistance to Implement Public Health Actions related to Cognitive Health, Cognitive Impairment, and Caregiving at the State and Local Levels |                                |   |                              |
| 93.336      | D                | 362,684              | -                                | Behavioral Risk Factor Surveillance System  |                                |   |                              |
| 93.354      | D                | 690,110              | -                                | Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response   |                                |   |                              |
| 93.354      | D                | 20,011,195           | 14,861,990                       | COVID-19 - Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response  |                                |   |                              |
| 93.359      | D                | 456,981              | 61,202                           | Nurse Education, Practice Quality and Retention Grants  |                                |   |                              |
| 93.387      | D                | 2,150,207            | 589,744                          | National and State Tobacco Control Program  |                                |   |                              |
| 93.391      | D                | 14,473,646           | 5,512,521                        | COVID-19 - Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crises   |                                |   |                              |
| 93.398      | I                | 6,025                | -                                | Cancer Research Manpower  | 341-100200-114320              | Wake Forest                                   |                              |
| 93.421      | I                | 36,795               | -                                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health   | 2022-1556                      | Appalachian Sust. Agr'L Proj                  |                              |
| 93.426      | D                | 2,283,337            | 256,372                          | COVID-19 - Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke   |                                |   |                              |
| 93.434      | D                | 15,482,210           | 11,705,927                       | Every Student Succeeds Act/Preschool Development Grants   |                                |   |                              |
| 93.435      | D                | 775,486              | 416,791                          | Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke   |                                |   |                              |
| 93.436      | D                | 817,542              | 311,992                          | Well-Integrated Screening And Evaluation For Women Across The Nation (WISEWOMAN)  |                                |   |                              |
| 93.439      | D                | 804,515              | 61,887                           | State Physical Activity and Nutrition (SPAN)  |                                |   |                              |
| 93.464      | D                | 809,110              | -                                | ACL Assistive Technology  |                                |   |                              |
| 93.470      | D                | 29,739               | -                                | Alzheimer's Disease Program Initiative (ADPI)   |                                |   |                              |
| 93.478      | D                | 568,189              | 86,816                           | Preventing Maternal Deaths: Supporting Maternal Mortality Review Committees   |                                |   |                              |
| 93.495      | D                | 2,632,655            | 509,135                          | COVID-19 - Community Health Workers for Public Health Response and Resilient  |                                |   |                              |
| 93.497      | D                | 10,441               | -                                | Family Violence Prevention and Services/ Sexual Assault/Rape Crisis Services and Supports   |                                |   |                              |
| 93.498      | D                | 94,512,995           | -                                | COVID-19 - Provider Relief Fund   |                                |   |                              |
| 93.499      | D                | 21,437,985           | 18,068,166                       | COVID-19 - Low Income Household Water Assistance Program  |                                |   |                              |
| 93.556      | D                | 11,832,707           | 9,258,233                        | MaryLee Allen Promoting Safe and Stable Families Program  |                                |   |                              |
| 93.526      | D                | 196,768              | 166,768                          | COVID-19 - Grants for Capital Development in Health Centers   |                                |   |                              |
| 93.558      | D                | 300,973,974          | 164,414,791                      | Temporary Assistance for Needy Families   |                                |   |                              |
| 93.558      | D                | 8,227,342            | -                                | COVID-19 - Temporary Assistance for Needy Families  |                                |   |                              |
| 93.558      | I                | 30,285               | -                                | Temporary Assistance for Needy Families   | CACNC DHHS SUB-AWARD AGREEMENT | Childrens Advocacy Ctr of NC Inc              |                              |
| 93.560      | D                | (1,472)              | -                                | Payments to Territories - Adults  |                                |   |                              |
| 93.563      | D                | 119,626,383          | 12,147,796                       | Child Support Enforcement   |                                |   |                              |
| 93.566      | D                | 13,885,839           | 8,609,963                        | Refugee and Entrant Assistance State/Replacement Designee Administered Programs   |                                |   |                              |
| 93.566      | D                | 2,243,618            | 68,036                           | COVID-19 - Refugee and Entrant Assistance State/Replacement Designee Administered Programs  |                                |   |                              |
| 93.568      | D                | 129,401,140          | -                                | Low-Income Home Energy Assistance   |                                |   |                              |
| 93.568      | D                | 1,998,392            | -                                | COVID Low-Income Home Energy Assistance   |                                |   |                              |
| 93.569      | D                | 27,083,343           | 21,282,883                       | Community Services Block Grant  |                                |   |                              |
| 93.569      | D                | 4,507,877            | -                                | COVID-19 - Community Services Block Grant   |                                |   |                              |
| 93.586      | D                | 620,086              | -                                | State Court Improvement Program   |                                |   |                              |
| 93.590      | D                | 1,470,083            | 1,193,515                        | Community-Based Child Abuse Prevention Grants   |                                |   |                              |
| 93.590      | D                | 817,969              | 736,289                          | COVID-19 - Community-Based Child Abuse Prevention Grants  |                                |   |                              |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | Amount Provided to Subrecipients | ALN Program Title  | Pass-Through Entity Number             | Pass-Through Entity Name               | Additional Award Information |
|-------------|------------------|----------------------|----------------------------------|--|--|--|------------------------------|
| 93.597      | D                | 307,399              | -                                | Grants to States for Access and Visitation Programs  |  |  |                              |
| 93.599      | D                | 553,685              | 553,685                          | Chafee Education and Training Vouchers Program (ETV)   |  |  |                              |
| 93.599      | D                | 1,314,372            | 1,314,372                        | COVID-19 - Chafee Education and Training Vouchers Program (ETV)  |  |  |                              |
| 93.603      | D                | 1,193,550            | -                                | Adoption and Legal Guardianship Incentive Payments   |  |  |                              |
| 93.630      | D                | 2,478,317            | 892,954                          | Developmental Disabilities Basic Support and Advocacy Grants   |  |  |                              |
| 93.630      | D                | 62,383               | 62,383                           | COVID-19 - Developmental Disabilities Basic Support and Advocacy Grants  |  |  |                              |
| 93.639      | D                | 537,507              | -                                | ACA-Transforming Clinical Practice Initiative: Support and Alignment Networks (SANs)   |  |  |                              |
| 93.643      | D                | 486,809              | 95,774                           | Children's Justice Grants to States  |  |  |                              |
| 93.645      | D                | 10,190,161           | 2,867,140                        | Stephanie Tubbs Jones Child Welfare Services Program   |  |  |                              |
| 93.645      | D                | 1                    | -                                | COVID-19 - Stephanie Tubbs Jones Child Welfare Services Program  |  |  |                              |
| 93.658      | D                | 96,871,647           | 93,241,501                       | Foster Care Title IV-E   |  |  |                              |
| 93.658      | D                | 2,073,751            | 2,073,751                        | COVID-19 - Foster Care Title IV-E  |  |  |                              |
| 93.659      | D                | 72,144,694           | 5,999,394                        | Adoption Assistance  |  |  |                              |
| 93.659      | D                | 5,750,341            | -                                | COVID-19 - Adoption Assistance   |  |  |                              |
| 93.665      | D                | 3,296,681            | 3,296,681                        | COVID-19 - Emergency Grants to Address Mental and Substance Use Disorders During COVID-19  |  |  |                              |
| 93.667      | D                | 75,828,100           | 63,913,893                       | Social Services Block Grant  |  |  |                              |
| 93.669      | D                | 4,265,447            | 177,664                          | Child Abuse and Neglect State Grants   |  |  |                              |
| 93.669      | I                | 349                  | -                                | Child Abuse and Neglect State Grants   | CACNC DHHS SUB-AWARD AGREEMENT         | Childrens Advocacy Ctr of NC Inc       |                              |
| 93.671      | D                | 3,820,399            | 3,676,783                        | Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services  |  |  |                              |
| 93.674      | D                | 4,181,346            | 2,328,123                        | John H. Chafee Foster Care Program for Successful Transition to Adulthood  |  |  |                              |
| 93.674      | D                | 11,195               | -                                | COVID-19 - John H. Chafee Foster Care Program for Successful Transition to Adulthood   |  |  |                              |
| 93.732      | D                | 2,216,266            | -                                | Mental and Behavioral Health Education and Training Grants   |  |  |                              |
| 93.747      | D                | 537,263              | -                                | Elder Abuse Prevention Interventions Program   |  |  |                              |
| 93.747      | D                | 1,309,949            | 508,971                          | COVID-19 - Elder Abuse Prevention Interventions Program  |  |  |                              |
| 93.761      | D                | 182,463              | -                                | Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)                                      |  |  |                              |
| 93.767      | D                | 618,884,177          | 6,072,431                        | Children's Health Insurance Program  |  |  |                              |
| 93.767      | D                | 36,416,254           | 302,391                          | COVID-19 - Children's Health Insurance Program   |  |  |                              |
| 93.788      | D                | 44,898,418           | 43,800,127                       | Opioid STR   |  |  |                              |
| 93.791      | D                | 9,161,845            | -                                | Money Follows the Person Rebalancing Demonstration   |  |  |                              |
| 93.791      | D                | 266,048              | -                                | COVID-19 - Money Follows the Person Rebalancing Demonstration  |  |  |                              |
| 93.799      | D                | 45,523               | -                                | CARA Act - Comprehensive Addiction and Recovery Act of 2016  |  |  |                              |
| 93.8        | D                | 691,960              | 242,637                          | Organized Approaches to Increase Colorectal Cancer Screening   |  |  |                              |
| 93.81       | D                | 549,761              | 250,801                          | Paul Coverdell National Acute Stroke Program National Center for Chronic Disease Prevention and Health Promotion                           |  |  |                              |
| 93.817      | D                | 14,194               | -                                | COVID-19 - Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities  |  |  |                              |
| 93.829      | D                | 742,772              | -                                | Section 223 Demonstration Programs to Improve Community Mental Health Services   |  |  |                              |
| 93.837      | I                | 26,431               | -                                | Cardiovascular Diseases Research   | 1(GG017763-01                          | Trustees of Columbia University CNY    |                              |
| 93.845      | D                | 45,717               | -                                | Promoting Population Health through Increased Capacity in Alcohol Epidemiology   |  |  |                              |
| 93.847      | D                | 16,269               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research   |  |  |                              |
| 93.847      | I                | 43,790               | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 21-45103-1000011841                    | Wake Forest University                 |                              |
| 93.847      | I                | 4                    | -                                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 2P30DK092923-11, Subaward FY22.001.021 | University of Colorado                 |                              |
| 93.859      | D                | 994,722              | 209,149                          | Biomedical Research and Research Training  |  |  |                              |
| 93.859      | I                | 2,121                | -                                | Biomedical Research and Research Training  | 11001041-052                           | Purdue University                      |                              |
| 93.866      | I                | 35,682               | -                                | Aging Research   | 180-101090-550034                      | Wake Forest University                 |                              |
| 93.870      | D                | 3,275,984            | 2,459,862                        | Maternal, Infant and Early Childhood Home Visiting Grant   |  |  |                              |
| 93.870      | D                | 246,706              | 246,706                          | COVID-19 - Maternal, Infant and Early Childhood Home Visiting Grant  |  |  |                              |
| 93.879      | D                | 9,909                | 9,909                            | Medical Library Assistance   |  |  |                              |
| 93.884      | D                | 300,523              | 35,538                           | Grants for Primary Care Training and Enhancement   |  |  |                              |
| 93.889      | D                | 7,979,798            | 5,757,816                        | National Bioterrorism Hospital Preparedness Program  |  |  |                              |
| 93.898      | D                | 4,003,807            | 1,460,453                        | Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations   |  |  |                              |
| 93.913      | D                | 226,557              | -                                | Grants to States for Operation of State Offices of Rural Health  |  |  |                              |
| 93.917      | D                | 39,913,674           | (5,306,880)                      | HIV Care Formula Grants  |  |  |                              |
| 93.918      | D                | 861,606              | -                                | Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease   |  |  |                              |
| 93.926      | D                | 3,077,984            | 843,451                          | Healthy Start Initiative   |  |  |                              |
| 93.94       | D                | 11,324,342           | 4,113,513                        | HIV Prevention Activities Health Department Based  |  |  |                              |
| 93.944      | D                | 616,789              | -                                | Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance  |  |  |                              |
| 93.958      | D                | 25,647,984           | 25,647,984                       | Block Grants for Community Mental Health Services  |  |  |                              |
| 93.958      | D                | 14,211,867           | 12,664,447                       | COVID-19 - Block Grants for Community Mental Health Services   |  |  |                              |
| 93.958      | I                | 263,847              | 79,192                           | Block Grants for Community Mental Health Services  | 3770303                                | State of Rhode Island                  |                              |
| 93.959      | D                | 54,864,094           | 46,600,813                       | Block Grants for Prevention and Treatment of Substance Abuse   |  |  |                              |
| 93.959      | D                | 14,306,080           | 12,964,010                       | COVID-19 - Block Grants for Prevention and Treatment of Substance Abuse  |  |  |                              |
| 93.959      | I                | 51,492               | -                                | Block Grants for Prevention and Treatment of Substance Abuse   | 1424-45117-1100000519                  | Wake Forest University Health Sciences |                              |
| 93.959      | I                | 93,692               | 30,000                           | Block Grants for Prevention and Treatment of Substance Abuse   | UTA21-000032                           | University Of Texas - Austin           |                              |
| 93.977      | D                | 1,721,176            | -                                | Sexually Transmitted Diseases (STD) Prevention and Control Grants  |  |  |                              |
| 93.977      | D                | 2,760,444            | 542,456                          | COVID-19 - Sexually Transmitted Diseases (STD) Prevention and Control Grants   |  |  |                              |
| 93.981      | D                | 682,835              | -                                | Improving Student Health and Academic Achievement through Nutrition, Physical Activity and the Management of Chronic Conditions in Schools |  |  |                              |
| 93.982      | D                | 201,890              | -                                | Mental Health Disaster Assistance and Emergency Mental Health  |  |  |                              |
| 93.991      | D                | 3,821,831            | 3,128,209                        | Preventive Health and Health Services Block Grant  |  |  |                              |
| 93.994      | D                | 16,711,237           | 16,711,237                       | Maternal and Child Health Services Block Grant to the States   |  |  |                              |
| 93.U01      | D                | 179,537              | -                                | U. S. Department of Health and Human Services  |  |  | Med Feed Contract            |
| 93.U02      | D                | 374,489              | -                                | U. S. Department of Health and Human Services  |  |  | Food Inspection Contract     |
| 93.U03      | D                | (92,481)             | -                                | U. S. Department of Health and Human Services  |  |  | 70RSAT22CB0000014            |



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| Federal ALN   | Direct/ Indirect | Program Expenditures     | Amount Provided to Subrecipients | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                   | Additional Award Information                       |
|---|------------------|--------------------------|----------------------------------|---|--|--|--|
| 93.U04  | D                | 21,913                   | -                                | U. S. Department of Health and Human Services   |  |  | 22IPA2211283                                       |
| 93.U05  | D                | 32,651                   | -                                | U. S. Department of Health and Human Services   |  |  | SUB00002085  |
| 93.U06  | I                | 38,380                   | -                                | U. S. Department of Health and Human Services   | 6 NU38OT000304-04-02   | Nemours Foundation                         | SUB00001966  |
| 93.U07  | D                | 3                        | -                                | U. S. Department of Health and Human Services   |  |  | Cadence Adults Cadence and Intensit                |
| 93.U08  | D                | 49,961                   | -                                | U. S. Department of Health and Human Services   |  |  | School-based YAP-P                                 |
| 93.U09  | D                | 161,625                  | -                                | U. S. Department of Health and Human Services   |  |  | Region 4 Wastewater                                |
| 93.U10  | I                | 95,794                   | -                                | U. S. Department of Health and Human Services   | PO 7800006400  | University of Kentucky Research Foundation | Bystander-informed See it Stop                     |
|   |                  | <u>2,228,514,360</u>     | <u>674,735,251</u>               | Total - Other Programs - U. S. Department of Health and Human Services                |  |  |  |
| <b>U. S. Corporation for National and Community Service</b> |                  |                          |                                  |   |  |  |  |
| 94.002  | D                | 108,134                  | -                                | Retired and Senior Volunteer Program  |  |  |  |
| 94.003  | D                | 589,164                  | -                                | State Commissions   |  |  |  |
| 94.006  | D                | 8,031,054                | 8,031,054                        | AmeriCorps  |  |  |  |
| 94.006  | I                | 2,584                    | -                                | AmeriCorps  | 21AFHNC0010003   | NC Commis. Volunteer & Com Ser             |  |
| 94.006  | I                | 406,584                  | -                                | AmeriCorps  | 22ACHNC0010001   | NC Commis. Volunteer & Com Ser             |  |
| 94.009  | D                | 151,808                  | -                                | Training and Technical Assistance   |  |  |  |
| 94.021  | D                | 287,624                  | 271,637                          | Volunteer Generation Fund   |  |  |  |
| 94.026  | D                | 65,586                   | -                                | National Service and Civic Engagement Research Competition                            |  |  |  |
|   |                  | <u>9,642,538</u>         | <u>8,302,691</u>                 | Total - Other Programs - U. S. Corporation for National and Community Service         |  |  |  |
| <b>U. S. Social Security Administration</b>                 |                  |                          |                                  |   |  |  |  |
| 96.008  | D                | 247,947                  | -                                | Social Security - Work Incentives Planning and Assistance Program                     |  |  |  |
|   |                  | <u>247,947</u>           | -                                | Total - Other Programs - U. S. Social Security Administration                         |  |  |  |
| <b>U. S. Department of Homeland Security</b>                |                  |                          |                                  |   |  |  |  |
| 97.005  | I                | 156,618                  | -                                | State and Local Homeland Security National Training Program                           | FY16-00097-S01-NCCU, FY17-0052-S01-NCCU, FY18-0075-S01-NCCU, FY19-00048-S01-NCCU | Rural Domestic Preparedness                |  |
| 97.008  | D                | 1,288,402                | 1,288,402                        | Non-Profit Security Program   |  |  |  |
| 97.012  | D                | 4,101,427                | -                                | Boating Safety Financial Assistance   |  |  |  |
| 97.023  | D                | 405,000                  | -                                | Community Assistance Program State Support Services Element (CAP-SSSE)                |  |  |  |
| 97.029  | D                | 54,235                   | 29,138                           | Flood Mitigation Assistance   |  |  |  |
| 97.036  | D                | 547,930,596              | 74,418,459                       | Disaster Grants - Public Assistance (Presidentially Declared Disasters)               |  |  |  |
| 97.036  | D                | 113,574,965              | 59,430,266                       | COVID-19 Disaster Grants - Public Assistance (Presidentially Declared Disasters)      |  |  |  |
| 97.039  | D                | 9,626,651                | 7,032,858                        | Hazard Mitigation Grant   |  |  |  |
| 97.041  | D                | 350,521                  | -                                | National Dam Safety Program   |  |  |  |
| 97.042  | D                | 10,097,324               | 225,341                          | Emergency Management Performance Grants   |  |  |  |
| 97.043  | D                | 6,897                    | -                                | State Fire Training Systems Grants  |  |  |  |
| 97.044  | D                | 285                      | -                                | Assistance to Firefighters Grant  |  |  |  |
| 97.045  | D                | 4,165,750                | -                                | Cooperating Technical Partners  |  |  |  |
| 97.047  | D                | 21,278                   | -                                | Pre-Disaster Mitigation   |  |  |  |
| 97.050  | D                | 38,454                   | -                                | Presidential Declared Disaster Assistance to Individuals and Households - Other Needs |  |  |  |
| 97.056  | D                | 1,339,427                | -                                | Port Security Grant Program   |  |  |  |
| 97.061  | D                | 19,512                   | -                                | Centers for Homeland Security   |  |  |  |
| 97.067  | D                | 6,580,979                | 6,303,853                        | Homeland Security Grant Program   |  |  |  |
|   |                  | <u>699,758,321</u>       | <u>148,728,317</u>               | Total - Other Programs - U. S. Department of Homeland Security                        |  |  |  |
| <b>U. S. Agency for International Development</b>           |                  |                          |                                  |   |  |  |  |
| 98.U01  | D                | 476                      | -                                | U. S. Agency for International Development  |  |  | 6 NU38OT000304-04-02                               |
|   |                  | <u>476</u>               | -                                | Total - Other Programs - U. S. United States Agency for International Development     |  |  |  |
| <b>Other Federal Assistance</b>                             |                  |                          |                                  |   |  |  |  |
| 99.U01  | D                | 60,305                   | -                                | Miscellaneous   |  |  | BHSIS - State Agreement with Single State Agencies |
| 99.U02  | I                | 156                      | -                                | Miscellaneous   | UL1TR001420  | Wake Forest University                     | Community Engagement Boost Award                   |
|   |                  | <u>60,461</u>            | -                                | Total - Other Programs - Miscellaneous  |  |  |  |
|   |                  | <u>10,044,672,526</u>    | <u>3,705,062,525</u>             | Total - Other Programs  |  |  |  |
|   |                  | <u>\$ 35,067,167,887</u> | <u>\$ 5,864,825,291</u>          | <b>Total Expenditures of Federal Awards</b>   |  |  |  |

N/A = Not Available

D = Direct Federal Assistance - Assistance received directly from the federal government or received in a pass-through relationship from other State entities.

I = Indirect Federal Assistance - Assistance received in a pass-through relationship from entities other than the federal government or other State entities.

The accompanying notes are an integral part of this schedule.

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| <b>Primary Government</b>   |                  |                      |   |                            |                          |                              |
| <b><u>N. C. Administrative Office of the Courts</u></b>             |                  |                      |   |                            |                          |                              |
| 16.540  | D                | \$ 329,345           | Juvenile Justice and Delinquency Prevention   |                            |                          |                              |
| 16.585  | D                | 126,830              | Drug Court Discretionary Grant Program  |                            |                          |                              |
| 16.585  | I                | 70,262               | Drug Court Discretionary Grant Program  | 2019DCBX0035               | Washington County        |                              |
| 16.585  | I                | 63,622               | Drug Court Discretionary Grant Program  | 2019dcbx0049               | Catawba                  |                              |
| 16.585  | I                | 100,177              | Drug Court Discretionary Grant Program  | 2020ARBX0018               | Lenoir County            |                              |
| 16.585  | I                | 180,152              | Drug Court Discretionary Grant Program  | 2020ARBX0128               | Harnett County           |                              |
| 16.585  | I                | 89,323               | Postconviction Testing of DNA Evidence  | 2020DCBX0155               | Robeson County           |                              |
| 16.585  | I                | 62,002               | Postconviction Testing of DNA Evidence  | 2020VCBX0118               | City of Winston Salem    |                              |
| 16.585  | I                | 32,269               | Postconviction Testing of DNA Evidence  | SH79TI081046-03            | Brunswick County         |                              |
| 16.751  | D                | 290,998              | Edward Byrne Memorial Competitive Grant Program   |                            |                          |                              |
| 16.820  | D                | 425,646              | Postconviction Testing of DNA Evidence  |                            |                          |                              |
| 16.833  | I                | 63,990               | National Sexual Assault Kit Initiative  | 2020VCBX0129               | City of Durham           |                              |
| 16.833  | I                | 22,227               | National Sexual Assault Kit Initiative  | SH79TI081046-03            | City of Fayetteville     |                              |
| 16.836  | D                | 58,495               | Indigent Defense  |                            |                          |                              |
| 21.027  | D                | 13,680,507           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                          |                              |
| 93.586  | D                | 620,086              | State Court Improvement Program   |                            |                          |                              |
|   |                  | <u>16,215,931</u>    | Total - N. C. Administrative Office of the Courts   |                            |                          |                              |
| <b><u>N. C. Community College System</u></b>                        |                  |                      |   |                            |                          |                              |
| 11.307  | D                | 130,125              | Economic Adjustment Assistance  |                            |                          |                              |
| 17.285  | D                | 476,058              | Apprenticeship USA Grants   |                            |                          |                              |
| 21.027  | D                | 33,086,171           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                          |                              |
| 84.002  | D                | 18,717,469           | Adult Education and Family Literacy Act State Grant   |                            |                          |                              |
|   |                  | <u>52,409,823</u>    | Total - N. C. Community College System  |                            |                          |                              |
| <b><u>N. C. Department of Administration</u></b>                    |                  |                      |   |                            |                          |                              |
| 11.805  | D                | 396,518              | MBDA Business Center  |                            |                          |                              |
| 11.805  | D                | 242,005              | COVID-19 MBDA Business Center   |                            |                          |                              |
| 14.871  | D                | 6,718,528            | Section 8 Housing Choice Vouchers   |                            |                          |                              |
| 14.879  | D                | 127,263              | Mainstream Vouchers   |                            |                          |                              |
| 17.265  | D                | 402,899              | Native American Employment and Training   |                            |                          |                              |
| 21.027  | D                | 4,140,109            | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                          |                              |
| 39.003  | D                | 946,767              | Donation of Federal Surplus Personal Property   |                            |                          |                              |
| 93.327  | D                | 42,648               | Demonstration Grants for Domestic Victims of Human Trafficking                                      |                            |                          |                              |
| 93.497  | D                | 10,441               | Family Violence Prevention and Services/ Sexual Assault/Rape Crisis Services and Supports           |                            |                          |                              |
| 93.671  | D                | 3,820,399            | Family Violence Prevention and Services/Domestic Violence Shelter and Supportive Services           |                            |                          |                              |
|   |                  | <u>16,847,577</u>    | Total - N. C. Department of Administration  |                            |                          |                              |
| <b><u>N. C. Department of Adult Corrections</u></b>                 |                  |                      |   |                            |                          |                              |
| 16.831  | D                | 46,918               | Children of Incarcerated Parents  |                            |                          |                              |
| 21.027  | D                | 34,829,097           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                          |                              |
|   |                  | <u>34,876,015</u>    | Total - N. C. Department of Adult Corrections   |                            |                          |                              |
| <b><u>N. C. Department of Agriculture and Consumer Services</u></b> |                  |                      |   |                            |                          |                              |
| 10.025  | D                | 2,864,952            | Plant and Animal Disease, Pest Control, and Animal Care   |                            |                          |                              |
| 10.153  | D                | 7,751                | Market News   |                            |                          |                              |
| 10.163  | D                | 141,439              | Market Protection and Promotion   |                            |                          |                              |
| 10.170  | D                | 1,842,382            | Specialty Crop Block Grant Program - Farm Bill  |                            |                          |                              |
| 10.182  | D                | 1,000,000            | Food Bank Network   |                            |                          |                              |
| 10.185  | D                | 2,637,478            | Local Food for Schools Cooperative Agreement Program  |                            |                          |                              |
| 10.187  | D                | 4,047,031            | The Emergency Food Assistance Program (TEFAP) Commodity Credit Corporation Eligible Recipient Funds |                            |                          |                              |
| 10.203  | D                | 116,500              | Payments to Agricultural Experiment Stations Under the Hatch Act                                    |                            |                          |                              |
| 10.250  | D                | 134,173              | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations                 |                            |                          |                              |
| 10.304  | D                | 28,560               | Homeland Security Agricultural  |                            |                          |                              |
| 10.475  | D                | 4,767,224            | Cooperative Agreements with States for Intrastate Meat and Poultry Inspection                       |                            |                          |                              |
| 10.479  | D                | 116,143              | Food Safety Cooperative Agreements  |                            |                          |                              |
| 10.525  | D                | 1,870,594            | Farm and Ranch Stress Assistance Network Competitive Grants Program                                 |                            |                          |                              |
| 10.555  | D                | 57,970,153           | National School Lunch Program   |                            |                          |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| 10.560      | D                | 1,134,553            | State Administrative Expenses for Child Nutrition             |                            |                          |                              |
| 10.565      | D                | 7,172,607            | Commodity Supplemental Food Program                           |                            |                          |                              |
| 10.568      | D                | 14,216,226           | Emergency Food Assistance Program (Administrative Costs)      |                            |                          |                              |
| 10.569      | D                | 24,235,666           | Emergency Food Assistance Program (Food Commodities)          |                            |                          |                              |
| 10.652      | D                | 460,776              | Forestry Research   |                            |                          |                              |
| 10.664      | D                | 3,390,788            | Cooperative Forestry Assistance                               |                            |                          |                              |
| 10.676      | D                | 22,854               | Forest Legacy Program   |                            |                          |                              |
| 10.678      | D                | 227,509              | Forest Stewardship Program                                    |                            |                          |                              |
| 10.69       | D                | 686,628              | Forest Health Protection                                      |                            |                          |                              |
| 10.691      | D                | 303,571              | Good Neighbor Authority                                       |                            |                          |                              |
| 10.902      | D                | 506,168              | Soil and Water Conservation                                   |                            |                          |                              |
| 10.934      | D                | 169,978              | Feral Swine Eradication and Control Pilot Program             |                            |                          |                              |
| 10.U01      | D                | 957,638              | U. S. Department of Agriculture                               |                            |                          |                              |
| 15.615      | D                | 202,759              | Cooperative Endangered Species Conservation Fund              |                            |                          |                              |
| 16.657      | D                | 301,181              | Endangered Species Recovery Implementation                    |                            |                          |                              |
| 21.027      | D                | 28,051,146           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                          |                              |
| 66.605      | D                | 841,279              | Performance Partnership Grants                                |                            |                          |                              |
| 93.103      | D                | 2,058,409            | Food and Drug Administration Research                         |                            |                          |                              |
| 93.U01      | D                | 179,537              | U. S. Department of Health and Human Services                 |                            |                          |                              |
| 93.U02      | D                | 374,489              | U. S. Department of Health and Human Services                 |                            |                          |                              |
|             |                  | <u>163,038,142</u>   | Total - N. C. Department of Agriculture and Consumer Services |                            |                          |                              |

**N. C. Department of Commerce**

|        |   |                    |  |  |  |  |
|--------|---|--------------------|--|--|--|--|
| 12.610 | D | 31,629             | Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies             |  |  |  |
| 14.228 | D | 31,532,564         | Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii            |  |  |  |
| 14.228 | D | 6,959,921          | COVID-19 - Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii |  |  |  |
| 17.002 | D | 1,533,010          | Labor Force Statistics   |  |  |  |
| 17.207 | D | 22,824,940         | Employment Service/Wagner-Peyser Funded Activities   |  |  |  |
| 17.225 | D | 356,527,107        | Unemployment Insurance   |  |  |  |
| 17.225 | D | 29,526,552         | COVID-19 - Unemployment Insurance  |  |  |  |
| 17.245 | D | 2,605,503          | Trade Adjustment Assistance  |  |  |  |
| 17.258 | D | 23,613,962         | WIOA Adult Program   |  |  |  |
| 17.259 | D | 23,327,504         | WIOA Youth Activities  |  |  |  |
| 17.27  | D | 78,013             | WIOA Pilots, Demonstrations, and Research Projects   |  |  |  |
| 17.271 | D | 614,506            | Work Opportunity Tax Credit Program (WOTC)   |  |  |  |
| 17.273 | D | 744,589            | Temporary Labor Certification for Foreign Workers  |  |  |  |
| 17.277 | D | 754,413            | WIOA National Dislocated Worker Grants / WIA National Emergency Grants                             |  |  |  |
| 17.277 | D | 1,112,570          | COVID-19 - WIOA National Dislocated Worker Grants / WIA National Emergency Grants                  |  |  |  |
| 17.278 | D | 22,544,997         | WIOA Dislocated Worker Formula Grants  |  |  |  |
| 17.281 | D | 3,406,463          | WIOA Dislocated Worker National Reserve Technical Assistance and Training                          |  |  |  |
| 17.801 | D | 6,748,891          | Jobs for Veterans State Grants   |  |  |  |
| 20.700 | D | 742,805            | Pipeline Safety Program State Base Grant   |  |  |  |
| 21.019 | D | 118,377            | COVID-19 - Coronavirus Relief Fund   |  |  |  |
| 21.027 | D | 34,803,114         | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                       |  |  |  |
| 21.031 | D | 57278825           | State Small Business Credit Initiative Technical Assistance Grant Program                          |  |  |  |
| 23.011 | D | 2,064,120          | Appalachian Research, Technical Assistance, and Demonstration Projects                             |  |  |  |
| 97.050 | D | 38,454             | Presidential Declared Disaster Assistance to Individuals and Households - Other Needs              |  |  |  |
|        |   | <u>629,532,829</u> | Total - N. C. Department of Commerce   |  |  |  |

**N. C. Department of Environmental Quality**

|        |   |           |  |  |  |  |
|--------|---|-----------|--|--|--|--|
| 11.407 | D | 177,907   | Interjurisdictional Fisheries Act of 1986  |  |  |  |
| 11.419 | D | 3,008,048 | Coastal Zone Management Administration Awards  |  |  |  |
| 11.420 | D | 745,649   | Coastal Zone Management Estuarine Research Reserves  |  |  |  |
| 11.427 | D | 9,476     | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program |  |  |  |
| 11.434 | D | 128,635   | Cooperative Fishery Statistics   |  |  |  |
| 11.435 | D | 60,644    | Southeast Area Monitoring and Assessment Program   |  |  |  |
| 11.439 | D | 100,622   | Marine Mammal Data Program   |  |  |  |
| 11.473 | D | 341,611   | Office for Coastal Management  |  |  |  |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 11.474  | D                | 409,792              | Atlantic Coastal Fisheries Cooperative Management Act  |                            |                          |                              |
| 11.477  | D                | 7,671,318            | Fisheries Disaster Relief  |                            |                          |                              |
| 15.605  | D                | 3,026,341            | Sport Fish Restoration   |                            |                          |                              |
| 15.616  | D                | 7,218                | Clean Vessel Act   |                            |                          |                              |
| 15.622  | D                | 66,980               | Sportfishing and Boating Safety Act  |                            |                          |                              |
| 15.808  | D                | 43,149               | U.S. Geological Survey Research and Data Collection  |                            |                          |                              |
| 15.810  | D                | 221,480              | National Cooperative Geologic Mapping  |                            |                          |                              |
| 15.814  | D                | 12,968               | National Geological and Geophysical Data Preservation  |                            |                          |                              |
| 21.027  | D                | 67,482,118           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 66.001  | D                | 1,963,945            | Air Pollution Control Program Support  |                            |                          |                              |
| 66.034  | D                | 680,741              | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act |                            |                          |                              |
| 66.040  | D                | 536,238              | State Clean Diesel Grant Program   |                            |                          |                              |
| 66.204  | D                | 43,260               | Multipurpose Grants to States and Tribes   |                            |                          |                              |
| 66.419  | D                | 7,462,545            | Water Pollution Control State, Interstate, and Tribal Program Support  |                            |                          |                              |
| 66.432  | D                | 3,236,883            | State Public Water System Supervision  |                            |                          |                              |
| 66.433  | D                | 97,657               | State Underground Water Source Protection  |                            |                          |                              |
| 66.454  | D                | 283,621              | Water Quality Management Planning  |                            |                          |                              |
| 66.456  | D                | 647,388              | National Estuary Program   |                            |                          |                              |
| 66.458  | D                | 52,607,704           | Capitalization Grants for Clean Water State Revolving Funds  |                            |                          |                              |
| 66.460  | D                | 2,841,586            | Nonpoint Source Implementation Grants  |                            |                          |                              |
| 66.461  | D                | 110,434              | Regional Wetland Program Development Grants  |                            |                          |                              |
| 66.468  | D                | 62,963,684           | Capitalization Grants for Drinking Water State Revolving Funds   |                            |                          |                              |
| 66.472  | D                | 381,164              | Beach Monitoring and Notification Program Implementation Grants  |                            |                          |                              |
| 66.708  | D                | 46,022               | Pollution Prevention Grants Program  |                            |                          |                              |
| 66.801  | D                | 2,835,414            | Hazardous Waste Management State Program Support   |                            |                          |                              |
| 66.802  | D                | 1,271,691            | Superfund State, Political Subdivision, and Indian Tribe Site-Specific Cooperative Agreements                            |                            |                          |                              |
| 66.804  | D                | 642,704              | Underground Storage Tank (UST) Prevention, Detection, and Compliance Program   |                            |                          |                              |
| 66.805  | D                | 312,156              | Leaking Underground Storage Tank Trust Fund Corrective Action Program  |                            |                          |                              |
| 66.817  | D                | 375,662              | State and Tribal Response Program Grants   |                            |                          |                              |
| 66.818  | D                | 111,136              | Brownfields Assessment and Cleanup Cooperative Agreements  |                            |                          |                              |
| 81.041  | D                | 904,489              | State Energy Program   |                            |                          |                              |
| 81.042  | D                | 5,901,551            | Weatherization Assistance for Low-Income Persons   |                            |                          |                              |
| 97.041  | D                | 350,521              | National Dam Safety Program  |                            |                          |                              |
| 97.056  | D                | 314,274              | Port Security Grant Program  |                            |                          |                              |
|   |                  | <u>230,436,426</u>   | Total - N. C. Department of Environmental Quality  |                            |                          |                              |
| <b><u>N. C. Department of Health and Human Services</u></b> |                  |                      |  |                            |                          |                              |
| 10.542  | D                | 503,599,563          | COVID-19 - Pandemic EBT Food Benefits  |                            |                          |                              |
| 10.551  | D                | 3,332,126,595        | Supplemental Nutrition Assistance Program  |                            |                          |                              |
| 10.551  | D                | 1,295,257,111        | COVID-19 - Supplemental Nutrition Assistance Program   |                            |                          |                              |
| 10.557  | D                | 211,841,843          | WIC Special Supplemental Nutrition Program for Women, Infants, and Children  |                            |                          |                              |
| 10.558  | D                | 105,339,336          | Child and Adult Care Food Program  |                            |                          |                              |
| 10.558  | D                | (37,368)             | COVID-19 - Child and Adult Care Food Program   |                            |                          |                              |
| 10.560  | D                | 3,300,582            | State Administrative Expenses for Child Nutrition  |                            |                          |                              |
| 10.561  | D                | 140,121,255          | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program                                   |                            |                          |                              |
| 10.561  | D                | 22,674,328           | COVID-19 - State Administrative Matching Grants for the Supplemental Nutrition Assistance Program                        |                            |                          |                              |
| 10.572  | D                | 89,400               | WIC Farmers' Market Nutrition Program (FMNP)   |                            |                          |                              |
| 10.578  | D                | 218,921              | WIC Grants To States (WGS)   |                            |                          |                              |
| 10.649  | D                | 4,524,329            | COVID-19 - Pandemic EBT Administrative Costs   |                            |                          |                              |
| 14.231  | D                | 4,716,149            | Emergency Solutions Grant Program  |                            |                          |                              |
| 14.231  | D                | 12,651,869           | COVID-19 - Emergency Solutions Grant Program   |                            |                          |                              |
| 14.241  | D                | 2,749,141            | Housing Opportunities for Persons with AIDS  |                            |                          |                              |
| 17.235  | D                | 1,694,230            | Senior Community Service Employment Program  |                            |                          |                              |
| 21.019  | D                | (369,477)            | COVID-19 - Coronavirus Relief Fund   |                            |                          |                              |
| 21.027  | D                | 48,088,404           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 66.032  | D                | 274,193              | State Indoor Radon Grants  |                            |                          |                              |
| 66.204  | D                | 54,608               | Multipurpose Grants to States and Tribes   |                            |                          |                              |
| 66.444  | D                | 408,280              | Lead Testing in School and Child Care Program Drinking Water (SDWA 1464(d))  |                            |                          |                              |
| 66.701  | D                | 39,000               | Toxic Substances Compliance Monitoring Cooperative Agreements  |                            |                          |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| 66.707      | D                | 653,767              | TSCA Title IV State Lead Grants Certification of Lead-Based Paint Professionals   |                            |                          |                              |
| 84.126      | D                | 102,178,639          | Rehabilitation Services Vocational Rehabilitation Grants to States  |                            |                          |                              |
| 84.161      | D                | 259,791              | Rehabilitation Services Client Assistance Program   |                            |                          |                              |
| 84.169      | D                | 481,498              | Independent Living State Grants   |                            |                          |                              |
| 84.177      | D                | 808,564              | Rehabilitation Services Independent Living Services for Older Individuals Who are Blind   |                            |                          |                              |
| 84.181      | D                | 15,050,455           | Special Education-Grants for Infants and Families   |                            |                          |                              |
| 84.181      | D                | 133,745              | COVID-19 - Special Education-Grants for Infants and Families  |                            |                          |                              |
| 84.187      | D                | 429,631              | Supported Employment Services for Individuals with the Most Significant Disabilities  |                            |                          |                              |
| 84.421      | D                | 106,194              | Disability Innovation Fund (DIF)  |                            |                          |                              |
| 93.041      | D                | 126,421              | Special Programs for the Aging, Title VII, Chapter 3, Programs for Prevention of Elder Abuse, Neglect, and Exploitation                             |                            |                          |                              |
| 93.042      | D                | 691,358              | Special Programs for the Aging, Title VII, Chapter 2, Long Term Care Ombudsman Services for Older Individuals                                       |                            |                          |                              |
| 93.043      | D                | 967,530              | Special Programs for the Aging, Title III, Part D, Disease Prevention and Health Promotion Services   |                            |                          |                              |
| 93.044      | D                | 20,475,794           | Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers  |                            |                          |                              |
| 93.044      | D                | 604,978              | COVID-19 - Special Programs for the Aging, Title III, Part B, Grants for Supportive Services and Senior Centers                                     |                            |                          |                              |
| 93.045      | D                | 28,692,723           | Special Programs for the Aging, Title III, Part C, Nutrition Services   |                            |                          |                              |
| 93.045      | D                | 26,853               | COVID-19 - Special Programs for the Aging, Title III, Part C, Nutrition Services  |                            |                          |                              |
| 93.048      | D                | 1,050,614            | COVID-19 - Special Programs for the Aging, Title IV, and Title II, Discretionary Projects   |                            |                          |                              |
| 93.052      | D                | 7,017,397            | National Family Caregiver Support, Title III, Part E  |                            |                          |                              |
| 93.053      | D                | 3,705,344            | Nutrition Services Incentive Program  |                            |                          |                              |
| 93.069      | D                | 13,341,152           | Public Health Emergency Preparedness  |                            |                          |                              |
| 93.070      | D                | 634,102              | Environmental Public Health and Emergency Response  |                            |                          |                              |
| 93.072      | D                | 180,418              | Lifespan Respite Care Program   |                            |                          |                              |
| 93.073      | D                | 262,972              | Birth Defects and Developmental Disabilities - Prevention and Surveillance  |                            |                          |                              |
| 93.074      | D                | 319,336              | Hospital Preparedness Program (HPP) and Public Health Emergency Preparedness (PHEP) Aligned Cooperative Agreements                                  |                            |                          |                              |
| 93.080      | D                | 436,103              | Blood Disorder Program: Prevention, Surveillance, and Research  |                            |                          |                              |
| 93.090      | D                | 889,536              | Guardianship Assistance   |                            |                          |                              |
| 93.090      | D                | 81,694               | COVID-19 - Guardianship Assistance  |                            |                          |                              |
| 93.092      | D                | 1,261,746            | Affordable Care Act (ACA) Personal Responsibility Education Program   |                            |                          |                              |
| 93.110      | D                | 2,901,621            | Maternal and Child Health Federal Consolidated Programs   |                            |                          |                              |
| 93.116      | D                | 1,903,475            | Project Grants and Cooperative Agreements for Tuberculosis Control Programs   |                            |                          |                              |
| 93.127      | D                | 134,462              | Emergency Medical Services for Children   |                            |                          |                              |
| 93.130      | D                | 208,721              | Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices   |                            |                          |                              |
| 93.136      | D                | 10,206,866           | COVID-19 - Injury Prevention and Control Research and State and Community Based Programs  |                            |                          |                              |
| 93.150      | D                | 1,923,854            | Projects for Assistance in Transition from Homelessness (PATH)  |                            |                          |                              |
| 93.155      | D                | 1,567,421            | Rural Health Research Centers   |                            |                          |                              |
| 93.165      | D                | 137,108              | Grants to States for Loan Repayment   |                            |                          |                              |
| 93.197      | D                | 498,145              | Childhood Lead Poisoning Prevention Projects, State and Local Childhood Lead Poisoning Prevention and Surveillance of Blood Lead Levels in Children |                            |                          |                              |
| 93.217      | D                | 7,431,075            | Family Planning Services  |                            |                          |                              |
| 93.224      | D                | 3,646,766            | Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)             |                            |                          |                              |
| 93.224      | D                | 1,876,569            | COVID-19 - Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care)  |                            |                          |                              |
| 93.234      | D                | 189,313              | Traumatic Brain Injury State Demonstration Grant Program  |                            |                          |                              |
| 93.236      | D                | (71,800)             | Grants to States to Support Oral Health Workforce Activities  |                            |                          |                              |
| 93.240      | D                | 388,123              | State Capacity Building   |                            |                          |                              |
| 93.241      | D                | 660,370              | State Rural Hospital Flexibility Program  |                            |                          |                              |
| 93.243      | D                | 4,171,018            | Substance Abuse and Mental Health Services Projects of Regional and National Significance   |                            |                          |                              |
| 93.251      | D                | 234,635              | Early Hearing Detection and Intervention  |                            |                          |                              |
| 93.262      | D                | 161,646              | Occupational Safety and Health Program  |                            |                          |                              |
| 93.268      | D                | 171,090,717          | Immunization Cooperative Agreements   |                            |                          |                              |
| 93.268      | D                | (4,448,049)          | COVID-19 - Immunization Cooperative Agreements  |                            |                          |                              |
| 93.270      | D                | 276,708              | Viral Hepatitis Prevention and Control  |                            |                          |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| 93.301      | D                | 374,757              | Small Rural Hospital Improvement Grant Program  |                            |                          |                              |
| 93.314      | D                | 72,723               | Early Hearing Detection and Intervention Information System (EHDI-IS) Surveillance Program  |                            |                          |                              |
| 93.323      | D                | 2,860,316            | Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)  |                            |                          |                              |
| 93.323      | D                | (28,752,096)         | COVID-19 - Epidemiology and Laboratory Capacity for Infectious Diseases (ELC)   |                            |                          |                              |
| 93.334      | D                | 320,314              | The Healthy Brain Initiative: Technical Assistance to Implement Public Health Actions related to Cognitive Health, Cognitive Impairment, and Caregiving at the State and Local Levels |                            |                          |                              |
| 93.336      | D                | 362,684              | Behavioral Risk Factor Surveillance System  |                            |                          |                              |
| 93.354      | D                | 690,110              | Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response   |                            |                          |                              |
| 93.354      | D                | 20,011,195           | COVID-19 - Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response  |                            |                          |                              |
| 93.387      | D                | 2,150,207            | National and State Tobacco Control Program  |                            |                          |                              |
| 93.391      | D                | 14,473,646           | COVID-19 - Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crises   |                            |                          |                              |
| 93.426      | D                | 2,283,337            | Improving the Health of Americans through Prevention and Management of Diabetes and Heart Disease and Stroke  |                            |                          |                              |
| 93.434      | D                | 15,482,210           | Every Student Succeeds Act/Preschool Development Grants   |                            |                          |                              |
| 93.435      | D                | 775,486              | Innovative State and Local Public Health Strategies to prevent and Manage Diabetes and Heart Disease and Stroke   |                            |                          |                              |
| 93.436      | D                | 817,542              | Well-Integrated Screening and Evaluation for Women Across the Nation (WISEWOMAN)  |                            |                          |                              |
| 93.439      | D                | 804,515              | State Physical Activity and Nutrition (SPAN)  |                            |                          |                              |
| 93.464      | D                | 809,110              | ACL Assistive Technology  |                            |                          |                              |
| 93.478      | D                | 568,189              | Preventing Maternal Deaths: Supporting Maternal Mortality Review Committees   |                            |                          |                              |
| 93.495      | D                | 2,632,655            | Community Health Workers for Public Health Response and Resilient   |                            |                          |                              |
| 93.499      | D                | 21,437,985           | COVID-19 - Low Income Household Water Assistance Program  |                            |                          |                              |
| 93.526      | D                | 166,768              | Grants for Capital Development in Health Centers  |                            |                          |                              |
| 93.527      | D                | 39,732               | COVID-19 - Grants for New and Expanded Services under the Health Center Program   |                            |                          |                              |
| 93.556      | D                | 11,832,707           | MaryLee Allen Promoting Safe and Stable Families Program  |                            |                          |                              |
| 93.558      | D                | 300,973,974          | Temporary Assistance for Needy Families   |                            |                          |                              |
| 93.558      | D                | 8,227,342            | COVID-19 - Temporary Assistance for Needy Families  |                            |                          |                              |
| 93.560      | D                | (1,472)              | Payments to Territories – Adults  |                            |                          |                              |
| 93.563      | D                | 119,626,383          | Child Support Enforcement   |                            |                          |                              |
| 93.566      | D                | 13,885,839           | Refugee and Entrant Assistance State/Replacement Designee Administered Programs   |                            |                          |                              |
| 93.566      | D                | 2,243,618            | COVID-19 - Refugee and Entrant Assistance State/Replacement Designee Administered Programs  |                            |                          |                              |
| 93.568      | D                | 129,401,140          | Low-Income Home Energy Assistance   |                            |                          |                              |
| 93.568      | D                | 1,998,392            | COVID-19 - Low-Income Home Energy Assistance  |                            |                          |                              |
| 93.569      | D                | 27,083,343           | Community Services Block Grant  |                            |                          |                              |
| 93.569      | D                | 4,507,877            | COVID-19 - Community Services Block Grant   |                            |                          |                              |
| 93.575      | D                | 166,764,166          | Child Care and Development Block Grant  |                            |                          |                              |
| 93.575      | D                | 463,920,298          | COVID-19 - Child Care and Development Block Grant   |                            |                          |                              |
| 93.590      | D                | 817,969              | Community-Based Child Abuse Prevention Grants   |                            |                          |                              |
| 93.590      | D                | 1,470,083            | COVID-19 - Community-Based Child Abuse Prevention Grants  |                            |                          |                              |
| 93.596      | D                | 103,740,356          | Child Care Mandatory and Matching Funds of the Child Care and Development Fund  |                            |                          |                              |
| 93.597      | D                | 307,399              | Grants to States for Access and Visitation Programs   |                            |                          |                              |
| 93.599      | D                | 553,685              | Chafee Education and Training Vouchers Program (ETV)  |                            |                          |                              |
| 93.599      | D                | 1,314,372            | COVID-19 - Chafee Education and Training Vouchers Program (ETV)   |                            |                          |                              |
| 93.603      | D                | 1,193,550            | Adoption and Legal Guardianship Incentive Payments  |                            |                          |                              |
| 93.630      | D                | 62,383               | Developmental Disabilities Basic Support and Advocacy Grants  |                            |                          |                              |
| 93.630      | D                | 2,478,317            | COVID-19 - Developmental Disabilities Basic Support and Advocacy Grants   |                            |                          |                              |
| 93.639      | D                | 537,507              | ACA-Transforming Clinical Practice Initiative: Support and Alignment Networks (SANs)  |                            |                          |                              |
| 93.645      | D                | 10,190,161           | Stephanie Tubbs Jones Child Welfare Services Program  |                            |                          |                              |
| 93.645      | D                | 1                    | COVID-19 - Stephanie Tubbs Jones Child Welfare Services Program   |                            |                          |                              |
| 93.658      | D                | 96,871,647           | Foster Care Title IV-E  |                            |                          |                              |
| 93.658      | D                | 2,073,751            | COVID-19 - Foster Care Title IV-E   |                            |                          |                              |
| 93.659      | D                | 72,144,694           | Adoption Assistance   |                            |                          |                              |
| 93.659      | D                | 5,750,341            | COVID-19 - Adoption Assistance  |                            |                          |                              |
| 93.665      | D                | 3,296,681            | COVID-19 - Emergency Grants to Address Mental and Substance Use Disorders During COVID-19   |                            |                          |                              |
| 93.667      | D                | 75,828,100           | Social Services Block Grant   |                            |                          |                              |

State of North Carolina

**Schedule of Expenditures of Federal Awards (By State Agency)**

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures  | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|--|------------------|-----------------------|--|----------------------------|--------------------------|------------------------------|
| 93.669   | D                | 4,265,447             | Child Abuse and Neglect State Grants   |                            |                          |                              |
| 93.674   | D                | 4,181,346             | John H. Chafee Foster Care Program for Successful Transition to Adulthood  |                            |                          |                              |
| 93.674   | D                | 11,195                | COVID-19 - John H. Chafee Foster Care Program for Successful Transition to Adulthood                             |                            |                          |                              |
| 93.747   | D                | 537,263               | Elder Abuse Prevention Interventions Program   |                            |                          |                              |
| 93.747   | D                | 1,309,949             | COVID-19 - Elder Abuse Prevention Interventions Program  |                            |                          |                              |
| 93.767   | D                | 618,884,177           | Children's Health Insurance Program  |                            |                          |                              |
| 93.767   | D                | 36,416,254            | COVID-19 - Children's Health Insurance Program   |                            |                          |                              |
| 93.777   | D                | 15,791,640            | State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare                     |                            |                          |                              |
| 93.777   | D                | 1,461,647             | COVID-19 - State Survey and Certification of Health Care Providers and Suppliers (Title XVIII) Medicare          |                            |                          |                              |
| 93.778   | D                | 13,271,439,760        | Medical Assistance Program   |                            |                          |                              |
| 93.778   | D                | 1,399,035,326         | COVID-19 - Medical Assistance Program  |                            |                          |                              |
| 93.788   | D                | 44,484,593            | Opioid STR   |                            |                          |                              |
| 93.791   | D                | 9,161,845             | Money Follows the Person Rebalancing Demonstration   |                            |                          |                              |
| 93.791   | D                | 266,048               | COVID-19 - Money Follows the Person Rebalancing Demonstration  |                            |                          |                              |
| 93.800   | D                | 691,960               | Organized Approaches to Increase Colorectal Cancer Screening   |                            |                          |                              |
| 93.810   | D                | 549,781               | Paul Coverdell National Acute Stroke Program National Center for Chronic Disease Prevention and Health Promotion |                            |                          |                              |
| 93.817   | D                | 14,194                | Hospital Preparedness Program (HPP) Ebola Preparedness and Response Activities                                   |                            |                          |                              |
| 93.845   | D                | 45,717                | Promoting Population Health through Increased Capacity in Alcohol Epidemiology                                   |                            |                          |                              |
| 93.870   | D                | 3,275,984             | Maternal, Infant and Early Childhood Home Visiting Grant   |                            |                          |                              |
| 93.870   | D                | 246,706               | COVID-19 - Maternal, Infant and Early Childhood Home Visiting Grant  |                            |                          |                              |
| 93.889   | D                | 7,979,798             | National Bioterrorism Hospital Preparedness Program  |                            |                          |                              |
| 93.898   | D                | 4,003,807             | Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations                           |                            |                          |                              |
| 93.913   | D                | 226,557               | Grants to States for Operation of State Offices of Rural Health  |                            |                          |                              |
| 93.917   | D                | 39,913,674            | HIV Care Formula Grants  |                            |                          |                              |
| 93.926   | D                | 1,368,138             | Healthy Start Initiative   |                            |                          |                              |
| 93.940   | D                | 11,324,342            | HIV Prevention Activities Health Department Based  |                            |                          |                              |
| 93.944   | D                | 616,789               | Human Immunodeficiency Virus (HIV)/Acquired Immunodeficiency Virus Syndrome (AIDS) Surveillance                  |                            |                          |                              |
| 93.958   | D                | 25,647,984            | Block Grants for Community Mental Health Services  |                            |                          |                              |
| 93.958   | D                | 14,211,867            | COVID-19 - Block Grants for Community Mental Health Services   |                            |                          |                              |
| 93.959   | D                | 54,755,467            | Block Grants for Prevention and Treatment of Substance Abuse   |                            |                          |                              |
| 93.959   | D                | 14,306,080            | COVID-19 - Block Grants for Prevention and Treatment of Substance Abuse  |                            |                          |                              |
| 93.977   | D                | 1,721,176             | Sexually Transmitted Diseases (STD) Prevention and Control Grants  |                            |                          |                              |
| 93.977   | D                | 2,760,444             | COVID-19 - Sexually Transmitted Diseases (STD) Prevention and Control Grants                                     |                            |                          |                              |
| 93.991   | D                | 3,821,831             | Preventive Health and Health Services Block Grant  |                            |                          |                              |
| 93.994   | D                | 16,711,237            | Maternal and Child Health Services Block Grant to the States   |                            |                          |                              |
| 96.001   | D                | 66,146,345            | Social Security Disability Insurance   |                            |                          |                              |
| 96.008   | D                | 247,947               | Social Security - Work Incentives Planning and Assistance Program  |                            |                          |                              |
| 99.U01   | D                | 60,305                | Miscellaneous  |                            |                          |                              |
|  |                  | <u>23,460,690,020</u> | Total - N. C. Department of Health and Human Services  |                            |                          |                              |
| <b><u>N. C. Department of Information Technology</u></b> |                  |                       |  |                            |                          |                              |
| 11.549   | D                | 6,830                 | State and Local Implementation Grant Program   |                            |                          |                              |
| 21.027   | D                | 46,747                | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 23.002   | D                | 2,811                 | Appalachian Area Development   |                            |                          |                              |
|  |                  | <u>56,388</u>         | Total - N. C. Department of Information Technology   |                            |                          |                              |
| <b><u>N. C. Department of Insurance</u></b>              |                  |                       |  |                            |                          |                              |
| 14.171   | D                | 178,868               | Manufactured Home Dispute Resolution   |                            |                          |                              |
| 21.019   | D                | 94,979                | COVID-19 - Coronavirus Relief Fund   |                            |                          |                              |
| 21.027   | D                | 2,868,305             | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 93.048   | D                | 758,916               | Special Programs for the Aging, Title IV, and Title II, Discretionary Projects                                   |                            |                          |                              |
| 93.071   | D                | 1,277,151             | Medicare Enrollment Assistance Program   |                            |                          |                              |
| 93.324   | D                | 1,667,812             | State Health Insurance Assistance Program  |                            |                          |                              |
| 97.043   | D                | 6,897                 | State Fire Training Systems Grants   |                            |                          |                              |
| 97.044   | D                | 285                   | Assistance to Firefighters Grant   |                            |                          |                              |
|  |                  | <u>6,853,213</u>      | Total - N. C. Department of Insurance  |                            |                          |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| <b><u>N. C. Department of Justice</u></b>                         |                  |                      |  |                            |                          |                              |
| 16.710  | D                | 14,327               | Public Safety Partnership and Community Policing Grants  |                            |                          |                              |
| 16.741  | D                | 2,230,007            | DNA Backlog Reduction Program  |                            |                          |                              |
| 16.833  | D                | 686,313              | National Sexual Assault Kit Initiative   |                            |                          |                              |
| 16.922  | D                | 671                  | Equitable Sharing Program  |                            |                          |                              |
| 93.775  | D                | 5,340,802            | State Medicaid Fraud Control Units   |                            |                          |                              |
|   |                  | <u>8,272,120</u>     | Total - N. C. Department of Justice  |                            |                          |                              |
| <b><u>N. C. Department of Labor</u></b>                           |                  |                      |  |                            |                          |                              |
| 17.005  | D                | 181,251              | Compensation and Working Conditions  |                            |                          |                              |
| 17.503  | D                | 6,454,866            | Occupational Safety and Health State Program   |                            |                          |                              |
| 17.504  | D                | 1,614,465            | Consultation Agreements  |                            |                          |                              |
| 17.600  | D                | 180,871              | Mine Health and Safety Grants  |                            |                          |                              |
|   |                  | <u>8,431,453</u>     | Total - N. C. Department of Labor  |                            |                          |                              |
| <b><u>N. C. Department of Military &amp; Veterans Affairs</u></b> |                  |                      |  |                            |                          |                              |
| 64.005  | D                | 1,377,094            | Grants to States for Construction of State Home Facilities   |                            |                          |                              |
| 64.124  | D                | 696,900              | All-Volunteer Force Educational Assistance   |                            |                          |                              |
|   |                  | <u>2,073,994</u>     | Total - N. C. Department of Military & Veterans Affairs  |                            |                          |                              |
| <b><u>N. C. Department of Natural and Cultural Resources</u></b>  |                  |                      |  |                            |                          |                              |
| 15.630  | D                | 46,998               | Coastal  |                            |                          |                              |
| 15.904  | D                | 1,414,200            | Historic Preservation Fund Grants-In-Aid   |                            |                          |                              |
| 15.926  | D                | 468,954              | American Battlefield Protection  |                            |                          |                              |
| 15.928  | D                | 3,845,379            | Battlefield Land Acquisition Grants  |                            |                          |                              |
| 15.957  | D                | 1,653,756            | Emergency Supplemental Historic Preservation Fund  |                            |                          |                              |
| 21.027  | D                | 23,943,059           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 45.025  | D                | 1,671,517            | Promotion of the Arts Partnership Agreements   |                            |                          |                              |
| 45.025  | D                | 50,000               | COVID-19 - Promotion of the Arts Partnership Agreements  |                            |                          |                              |
| 45.309  | D                | 36,851               | Museum Grants for African American History and Culture   |                            |                          |                              |
| 45.310  | D                | 6,347,310            | Grants to States   |                            |                          |                              |
| 45.310  | D                | 1,262,240            | COVID-19 - Grants to States  |                            |                          |                              |
| 45.312  | D                | 129,772              | National Leadership Grants   |                            |                          |                              |
| 59.075  | D                | 9,396,959            | Shuttered Venue Operators Grant Program  |                            |                          |                              |
| 89.003  | D                | 18,408               | National Historical Publications and Records Grants  |                            |                          |                              |
|   |                  | <u>50,285,403</u>    | Total - N. C. Department of Natural and Cultural Resources   |                            |                          |                              |
| <b><u>N. C. Department of Public Instruction</u></b>              |                  |                      |  |                            |                          |                              |
| 10.553  | D                | 162,053,229          | School Breakfast Program   |                            |                          |                              |
| 10.555  | D                | 497,452,915          | National School Lunch Program  |                            |                          |                              |
| 10.556  | D                | 78,314               | Special Milk Program for Children  |                            |                          |                              |
| 10.559  | D                | 12,622,652           | Summer Food Service Program for Children   |                            |                          |                              |
| 10.560  | D                | 5,171,879            | State Administrative Expenses for Child Nutrition  |                            |                          |                              |
| 10.574  | D                | 159                  | Team Nutrition Grants  |                            |                          |                              |
| 10.579  | D                | 1,399,770            | Child Nutrition Discretionary Grants Limited Availability  |                            |                          |                              |
| 10.582  | D                | 5,639,201            | Fresh Fruit and Vegetable Program  |                            |                          |                              |
| 12.U01  | D                | 5,402                | U. S. Department of Defense  |                            |                          |                              |
| 16.710  | D                | 165,437              | Public Safety Partnership and Community Policing Grants  |                            |                          |                              |
| 16.839  | D                | 314,940              | STOP School Violence   |                            |                          |                              |
| 21.019  | D                | 1,149,676            | COVID-19 - Coronavirus Relief Fund   |                            |                          |                              |
| 21.027  | D                | 320,500              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                            |                          |                              |
| 84.010  | D                | 514,488,941          | Title I Grants to Local Educational Agencies   |                            |                          |                              |
| 84.011  | D                | 6,083,249            | Migrant Education State Grant Program  |                            |                          |                              |
| 84.013  | D                | 877,453              | Title I State Agency Program for Neglected and Delinquent Children and Youth                                       |                            |                          |                              |
| 84.027  | D                | 372,062,828          | Special Education Grants to States   |                            |                          |                              |
| 84.027X   | D                | 43,310,446           | COVID-19 - Individuals with Disabilities Education Act/American Rescue Plan of 2021 (ARP) - Title VI-B Handicapped |                            |                          |                              |
| 84.048  | D                | 45,355,215           | Career and Technical Education - Basic Grants to States  |                            |                          |                              |
| 84.144  | D                | 89,692               | Migrant Education Coordination Program   |                            |                          |                              |
| 84.173  | D                | 10,877,355           | Special Education Preschool Grants   |                            |                          |                              |
| 84.173X   | D                | 2,657,175            | COVID-19 - Individuals with Disabilities Education Act/American Rescue Plan (ARP) - Preschool Handicapped          |                            |                          |                              |
| 84.196  | D                | 2,361,218            | Education for Homeless Children and Youth  |                            |                          |                              |
| 84.282  | D                | 7,682,602            | Charter Schools  |                            |                          |                              |



State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                              | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|--|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 84.287                                   | D                | 47,015,904           | Twenty-First Century Community Learning Centers  |                            |                          |                              |
| 84.305                                   | D                | 128,927              | Education Research, Development and Dissemination  |                            |                          |                              |
| 84.323                                   | D                | 907,465              | Special Education - State Personnel Development  |                            |                          |                              |
| 84.326                                   | D                | 499,591              | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities                        |                            |                          |                              |
| 84.358                                   | D                | 4,880,274            | Rural Education  |                            |                          |                              |
| 84.365                                   | D                | 16,167,885           | English Language Acquisition State Grants  |                            |                          |                              |
| 84.367                                   | D                | 65,968,379           | Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)  |                            |                          |                              |
| 84.368                                   | D                | 166,084              | Competitive Grants for State Assessments (formerly Grants for Enhanced Assessment Instruments)   |                            |                          |                              |
| 84.369                                   | D                | 9,678,229            | Grants for State Assessments and Related Activities  |                            |                          |                              |
| 84.377                                   | D                | 40,798               | School Improvement Grants  |                            |                          |                              |
| 84.424                                   | D                | 35,057,760           | Student Support and Academic Enrichment Program  |                            |                          |                              |
| 84.425B                                  | D                | 7,062,083            | COVID-19 - Education Stabilization Fund - Discretionary Grants: Rethink K-12 Education Models Grants   |                            |                          |                              |
| 84.425D                                  | D                | 572,215,816          | COVID-19 - Education Stabilization Fund - Elementary and Secondary School Emergency Relief (ESSER) Fund  |                            |                          |                              |
| 84.425U                                  | D                | 961,629,493          | COVID-19 - Education Stabilization Fund - American Rescue Plan Elementary and Secondary School Emergency Relief (ARP ESSER) Fund               |                            |                          |                              |
| 84.425W                                  | D                | 4,742,486            | COVID-19 - Education Stabilization Fund -American Rescue Plan – Elementary and Secondary School Emergency Relief – Homeless Children and Youth |                            |                          |                              |
| 84.U01                                   | D                | 125,352              | U. S. Department of Education  |                            |                          |                              |
| 93.079                                   | D                | 101,659              | Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance                      |                            |                          |                              |
| 93.235                                   | D                | 1,697,021            | Title V State Sexual Risk Avoidance Education (Title V State SRAE) Program   |                            |                          |                              |
| 93.243                                   | D                | 3,387,028            | Substance Abuse and Mental Health Services Projects of Regional and National Significance  |                            |                          |                              |
| 93.600                                   | D                | 163,700              | Head Start   |                            |                          |                              |
| 93.981                                   | D                | 682,835              | Improving Student Health and Academic Achievement through Nutrition, Physical Activity and the Management of Chronic Conditions in Schools     |                            |                          |                              |
|  |                  | 3,424,539,017        | Total - N. C. Department of Public Instruction   |                            |                          |                              |
| <b>N. C. Department of Public Safety</b> |                  |                      |  |                            |                          |                              |
| 10.575                                   | D                | 65,480               | Farm to School Grant Program   |                            |                          |                              |
| 11.307                                   | D                | 473,296              | Economic Adjustment Assistance   |                            |                          |                              |
| 12.400                                   | D                | 5,194,744            | Military Construction, National Guard  |                            |                          |                              |
| 12.401                                   | D                | 37,920,935           | National Guard Military Operations and Maintenance (O&M) Projects  |                            |                          |                              |
| 12.404                                   | D                | 7,997,715            | National Guard Challenge Program   |                            |                          |                              |
| 14.228                                   | D                | 144,079,556          | Community Development Block Grants/State's program and Non-Entitlement Grants in Hawaii  |                            |                          |                              |
| 16.017                                   | D                | 342,131              | Sexual Assault Services Formula Program  |                            |                          |                              |
| 16.034                                   | D                | 459,408              | Coronavirus Emergency Supplemental Funding Program   |                            |                          |                              |
| 16.540                                   | D                | 1,440,479            | Juvenile Justice and Delinquency Prevention  |                            |                          |                              |
| 16.543                                   | D                | 170,809              | Missing Children's Assistance  |                            |                          |                              |
| 16.550                                   | D                | 20,899               | State Justice Statistics Program for Statistical Analysis Centers  |                            |                          |                              |
| 16.575                                   | D                | 51,468,813           | Crime Victim Assistance  |                            |                          |                              |
| 16.576                                   | D                | 2,740,313            | Crime Victim Compensation  |                            |                          |                              |
| 16.588                                   | D                | 3,668,992            | Violence Against Women Formula Grants  |                            |                          |                              |
| 16.593                                   | D                | 710,529              | Residential Substance Abuse Treatment for State Prisoners  |                            |                          |                              |
| 16.606                                   | D                | 9,144,217            | State Criminal Alien Assistance Program  |                            |                          |                              |
| 16.710                                   | D                | 2,421,479            | Public Safety Partnership and Community Policing Grants  |                            |                          |                              |
| 16.735                                   | D                | 10,449               | PREA Program: Strategic Support for PREA Implementation  |                            |                          |                              |
| 16.738                                   | D                | 5,172,196            | Edward Byrne Memorial Justice Assistance Grant Program   |                            |                          |                              |
| 16.741                                   | D                | 178,065              | DNA Backlog Reduction Program  |                            |                          |                              |
| 16.742                                   | D                | 124,870              | Paul Coverdell Forensic Sciences Improvement Grant Program   |                            |                          |                              |
| 16.751                                   | D                | 94,015               | Edward Byrne Memorial Competitive Grant Program  |                            |                          |                              |
| 16.812                                   | D                | 125,345              | Second Chance Act Reentry Initiative   |                            |                          |                              |
| 16.816                                   | D                | 3,005                | John R. Justice Prosecutors and Defenders Incentive Act  |                            |                          |                              |
| 16.827                                   | D                | 141,964              | Justice Reinvestment Initiative  |                            |                          |                              |
| 16.831                                   | D                | 53,042               | Children of Incarcerated Parents   |                            |                          |                              |
| 16.839                                   | D                | 117,539              | STOP School Violence   |                            |                          |                              |
| 16.922                                   | D                | 441,789              | Equitable Sharing Program  |                            |                          |                              |
| 20.218                                   | D                | 10,938,413           | Motor Carrier Safety Assistance  |                            |                          |                              |

State of North Carolina

**Schedule of Expenditures of Federal Awards (By State Agency)**

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| 20.237  | D                | 748,098              | Motor Carrier Safety Assistance High Priority Activities Grants and Cooperative Agreements    |                            |                          |                              |
| 20.703  | D                | 665,329              | Interagency Hazardous Materials Public Sector Training and Planning Grants                    |                            |                          |                              |
| 21.016  | D                | 806,672              | Equitable Sharing   |                            |                          |                              |
| 21.027  | D                | 9,259,621            | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  |                            |                          |                              |
| 93.643  | D                | 486,809              | Children's Justice Grants to States   |                            |                          |                              |
| 97.008  | D                | 1,288,402            | Non-Profit Security Program   |                            |                          |                              |
| 97.023  | D                | 405,000              | Community Assistance Program State Support Services Element (CAP-SSSE)                        |                            |                          |                              |
| 97.029  | D                | 54,235               | Flood Mitigation Assistance   |                            |                          |                              |
| 97.036  | D                | 113,574,965          | Disaster Grants - Public Assistance (Presidentially Declared Disasters)                       |                            |                          |                              |
| 97.036  | D                | 547,930,596          | COVID-19 Disaster Grants - Public Assistance (Presidentially Declared Disasters)              |                            |                          |                              |
| 97.039  | D                | 9,626,651            | Hazard Mitigation Grant   |                            |                          |                              |
| 97.042  | D                | 10,097,324           | Emergency Management Performance Grants   |                            |                          |                              |
| 97.045  | D                | 4,165,750            | Cooperating Technical Partners  |                            |                          |                              |
| 97.047  | D                | 21,278               | Pre-Disaster Mitigation   |                            |                          |                              |
| 97.067  | D                | 6,580,979            | Homeland Security Grant Program   |                            |                          |                              |
|   |                  | <u>991,432,196</u>   | Total - N. C. Department of Public Safety   |                            |                          |                              |
| <b><u>N. C. Department of Revenue</u></b>             |                  |                      |   |                            |                          |                              |
| 21.019  | D                | 25,666               | COVID-19 - Coronavirus Relief Fund  |                            |                          |                              |
| 21.027  | D                | 205,722,902          | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                  |                            |                          |                              |
|   |                  | <u>205,748,568</u>   | Total - N. C. Department of Revenue   |                            |                          |                              |
| <b><u>N. C. Department of Transportation</u></b>      |                  |                      |   |                            |                          |                              |
| 20.106  | D                | 30,044,285           | Airport Improvement Program   |                            |                          |                              |
| 20.106  | D                | 2,981,916            | COVID-19 - Airport Improvement Program  |                            |                          |                              |
| 20.200  | D                | 176,584              | Highway Research and Development Program  |                            |                          |                              |
| 20.205  | D                | 1,356,718,157        | Highway Planning and Construction   |                            |                          |                              |
| 20.205  | D                | 70,312,638           | COVID-19 - Highway Planning and Construction  |                            |                          |                              |
| 20.215  | D                | 150,000              | Highway Training and Education  |                            |                          |                              |
| 20.219  | D                | 1,116,810            | Recreational Trails Program   |                            |                          |                              |
| 20.224  | D                | 730,856              | Federal Lands Access Program  |                            |                          |                              |
| 20.232  | D                | 152,648              | Commercial Driver's License Program Implementation Grant                                      |                            |                          |                              |
| 20.301  | D                | 9,327                | Railroad Safety   |                            |                          |                              |
| 20.314  | D                | 82,563               | Railroad Development  |                            |                          |                              |
| 20.319  | D                | 31,791               | High-Speed Rail Corridors and Intercity Passenger Rail Service – Capital Assistance Grants    |                            |                          |                              |
| 20.500  | D                | 693,522              | Federal Transit Capital Investment Grants   |                            |                          |                              |
| 20.505  | D                | 3,696,508            | Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research     |                            |                          |                              |
| 20.507  | D                | 1,688,314            | Federal Transit Formula Grants  |                            |                          |                              |
| 20.507  | D                | 1,451,251            | COVID-19 - Federal Transit Formula Grants   |                            |                          |                              |
| 20.509  | D                | 26,127,981           | Formula Grants for Rural Areas and Tribal Transit Program                                     |                            |                          |                              |
| 20.509  | D                | 25,059,700           | COVID-19 - Formula Grants for Rural Areas and Tribal Transit Program                          |                            |                          |                              |
| 20.513  | D                | 3,660,001            | Enhanced Mobility of Seniors and Individuals with Disabilities                                |                            |                          |                              |
|   | D                | 266,902              | COVID-19 - Enhanced Mobility of Seniors and Individuals with Disabilities                     |                            |                          |                              |
| 20.526  | D                | 4,794,145            | Buses and Bus Facilities Formula, Competitive, and Low or No Emissions Programs               |                            |                          |                              |
| 20.528  | D                | 503,675              | Rail Fixed Guideway Public Transportation System State Safety Oversight Formula Grant Program |                            |                          |                              |
| 20.530  | D                | 232,473              | Public Transportation Innovation  |                            |                          |                              |
| 20.600  | D                | 7,556,758            | State and Community Highway Safety  |                            |                          |                              |
| 20.616  | D                | 7,115,984            | National Priority Safety Programs   |                            |                          |                              |
| 20.933  | D                | 15,044,510           | National Infrastructure Investments   |                            |                          |                              |
| 23.003  | D                | 58,033,445           | Appalachian Development Highway System  |                            |                          |                              |
| 97.056  | D                | 3,446                | Port Security Grant Program   |                            |                          |                              |
|   |                  | <u>1,618,436,190</u> | Total - N. C. Department of Transportation  |                            |                          |                              |
| <b><u>N. C. General Assembly</u></b>                  |                  |                      |   |                            |                          |                              |
| 21.027  | D                | 19,805,855           |   |                            |                          |                              |
|   |                  | <u>19,805,855</u>    | Total - N. C. General Assembly  |                            |                          |                              |
| <b><u>N. C. Office of Administrative Hearings</u></b> |                  |                      |   |                            |                          |                              |
| 14.401  | D                | 102,734              | Fair Housing Assistance Program State and Local   |                            |                          |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                                       | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name          | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|-----------------------------------|------------------------------|
| 30.U01  | D                | 38,140               | U. S. Equal Employment Opportunity Commission   |                            |                                   |                              |
|   |                  | 140,874              | Total - N. C. Office of Administrative Hearings   |                            |                                   |                              |
| <b><u>N. C. Office of the Governor</u></b>        |                  |                      |   |                            |                                   |                              |
| 11.307  | D                | 517,413              | Economic Adjustment Assistance  |                            |                                   |                              |
| 21.019  | D                | 546,730              | COVID-19 - Coronavirus Relief Fund  |                            |                                   |                              |
| 21.023  | D                | 70,833,050           | COVID-19 - Emergency Rental Assistance Program  |                            |                                   |                              |
| 21.027  | D                | 100,690,029          | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                                   |                              |
| 84.425C   | D                | 36,409,561           | COVID-19 - Education Stabilization Fund - Governor's Emergency Education Relief (GEER) Fund   |                            |                                   |                              |
| 84.425R   | D                | 18,909,447           | COVID-19 - Coronavirus Response and Relief Supplemental Appropriations Act, 2021—Emergency Assistance for Non-Public Schools (CRRSA EANS) Program |                            |                                   |                              |
| 84.425V   | D                | 27,914,971           | COVID-19 - American Rescue Plan – Emergency Assistance to Non-Public Schools (ARP EANS) Program   |                            |                                   |                              |
| 94.003  | D                | 589,164              | State Commissions   |                            |                                   |                              |
| 94.006  | D                | 8,031,054            | AmeriCorps  |                            |                                   |                              |
| 94.009  | D                | 151,808              | Training and Technical Assistance   |                            |                                   |                              |
| 94.021  | D                | 287,624              | Volunteer Generation Fund   |                            |                                   |                              |
|   |                  | 264,880,851          | Total - N. C. Office of the Governor  |                            |                                   |                              |
| <b><u>N. C. Secretary of State</u></b>            |                  |                      |   |                            |                                   |                              |
| 16.752  | D                | 279,049              | Economic, High-Tech, and Cyber Crime Prevention   |                            |                                   |                              |
|   |                  | 279,049              | Total - N. C. Secretary of State  |                            |                                   |                              |
| <b><u>N. C. State Board of Elections</u></b>      |                  |                      |   |                            |                                   |                              |
| 21.027  | D                | 1,095,643            | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                            |                                   |                              |
| 90.404  | D                | 1,396,256            | 2018 HAVA Election Security Grants  |                            |                                   |                              |
| 90.404  | D                | (223,903)            | COVID-19 - 2018 HAVA Election Security Grants   |                            |                                   |                              |
|   |                  | 2,267,996            | Total - N. C. State Board of Elections  |                            |                                   |                              |
| <b><u>N. C. Wildlife Resources Commission</u></b> |                  |                      |   |                            |                                   |                              |
| 10.028  | D                | 73,559               | Wildlife Services   |                            |                                   |                              |
| 10.699  | D                | 28,370               | Partnership Agreements  |                            |                                   |                              |
| 11.472  | D                | 216,360              | Unallied Science Program  |                            |                                   |                              |
| 12.U02  | D                | 21,280               | U. S. Department of Defense   |                            |                                   |                              |
| 15.605  | D                | 9,075,904            | Sport Fish Restoration  |                            |                                   |                              |
| 15.611  | D                | 21,771,046           | Wildlife Restoration and Basic Hunter Education   |                            |                                   |                              |
| 15.614  | D                | 3,500                | Coastal Wetlands Planning, Protection and Restoration   |                            |                                   |                              |
| 15.615  | D                | 298,179              | Cooperative Endangered Species Conservation Fund  |                            |                                   |                              |
| 15.616  | D                | 28,394               | Clean Vessel Act  |                            |                                   |                              |
| 15.626  | D                | 238,232              | Enhanced Hunter Education and Safety  |                            |                                   |                              |
| 15.631  | D                | 47,672               | Partners for Fish and Wildlife  |                            |                                   |                              |
| 15.634  | D                | 1,453,517            | State Wildlife Grants   |                            |                                   |                              |
| 15.684  | D                | 50,000               | White-nose Syndrome National Response Implementation  |                            |                                   |                              |
| 97.012  | D                | 4,101,427            | Boating Safety Financial Assistance   |                            |                                   |                              |
|   |                  | 37,407,440           | Total - N. C. Wildlife Resources Commission   |                            |                                   |                              |
|   |                  | 31,244,957,370       | Total Primary Government  |                            |                                   |                              |
| <b>Component Units</b>                            |                  |                      |   |                            |                                   |                              |
| <b>University of North Carolina System</b>        |                  |                      |   |                            |                                   |                              |
| <b><u>Appalachian State University</u></b>        |                  |                      |   |                            |                                   |                              |
| 10.212  | I                | 50,770               | Small Business Innovation Research  | 20213361035667-1           | Sinnovatek, Inc                   |                              |
| 10.310  | I                | 18,315               | Agriculture and Food Research Initiative (AFRI)   | 424978                     | University of Connecticut         |                              |
| 10.310  | I                | 44,337               | Agriculture and Food Research Initiative (AFRI)   | 494979                     | University of Connecticut         |                              |
| 10.310  | I                | 19,638               | Agriculture and Food Research Initiative (AFRI)   | C00076492-1                | University of Missouri            |                              |
| 10.311  | D                | 272,063              | Beginning Farmer and Rancher Development Program  |                            |                                   |                              |
| 10.318  | D                | 2,294                | Women and Minorities in Science, Technology, Engineering, and Mathematics Fields  |                            |                                   |                              |
| 10.500  | I                | 52,729               | Cooperative Extension Service   | SPC-1000005726/GR124720    | Ohio State                        |                              |
| 12.900  | D                | 206,158              | Language Grant Program  |                            |                                   |                              |
| 15.657  | D                | 29,782               | Endangered Species Recovery Implementation  |                            |                                   |                              |
| 15.807  | I                | 17,208               | Earthquake Hazards Program Assistance   | SCON 00003717              | University of Southern California |                              |
| 15.808  | D                | 20,877               | U.S. Geological Survey Research and Data Collection   |                            |                                   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                     | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name | Additional Award Information        |
|---------------------------------|------------------|----------------------|--|-----------------------------|--------------------------|-------------------------------------|
| 15.931                          | D                | 3,509                | Conservation Activities by Youth Service Organizations   |                             |                          |                                     |
| 15.945                          | D                | 3,797                | Cooperative Research and Training Programs – Resources of the National Park System                                 |                             |                          |                                     |
| 19.009                          | D                | 154,362              | Academic Exchange Programs - Undergraduate Programs  |                             |                          |                                     |
| 19.040                          | D                | 104,508              | Public Diplomacy Programs  |                             |                          |                                     |
| 19.408                          | I                | 219,246              | Academic Exchange Programs - Teachers  | FY23-FTEA-ASU-01            | IREX                     |                                     |
| 19.900                          | I                | 29,209               | AEECA/ESF PD Programs  | FY23-FTEA-ASU-02            | IREX                     |                                     |
| 21.027                          | D                | 222,143              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds   |                             |                          |                                     |
| 23.011                          | I                | 5,000                | Appalachian Research, Technical Assistance, and Demonstration Projects   | 22-127-1-52.1               |                          | ETSU                                |
| 43.001                          | D                | 25,689               | Science  |                             |                          |                                     |
| 43.001                          | I                | 26,101               | Science  | KK2259                      |                          | UC Santa Barbara                    |
| 43.012                          | D                | 2,278                | Space Technology   |                             |                          |                                     |
| 45.129                          | I                | 8,932                | Promotion of the Humanities Federal/State Partnership  | 19-10                       |                          | North Carolina Humanities Council   |
| 45.129                          | I                | 1,972                | Promotion of the Humanities Federal/State Partnership  | 20-074                      |                          | North Carolina Humanities Council   |
| 45.160                          | D                | 2,712                | Promotion of the Humanities Fellowships and Stipends   |                             |                          |                                     |
| 47.049                          | D                | 110,343              | Mathematical and Physical Sciences   |                             |                          |                                     |
| 47.049                          | I                | 10,655               | Mathematical and Physical Sciences   | PO-0000181599               |                          | Louisiana State University          |
| 47.049                          | I                | 27,124               | Mathematical and Physical Sciences   | PT-004-2019                 |                          | PhysTEC                             |
| 47.050                          | D                | 859,744              | Geosciences  |                             |                          |                                     |
| 47.070                          | D                | 145,347              | Computer and Information Science and Engineering   |                             |                          |                                     |
| 47.074                          | D                | 43,461               | Biological Sciences  |                             |                          |                                     |
| 47.074                          | I                | 39,773               | Biological Sciences  | 333-2729                    |                          | Duke                                |
| 47.074                          | I                | 125,275              | Biological Sciences  | A17-0020-5001               |                          | University of Alabama               |
| 47.075                          | D                | 181,838              | Social, Behavioral, and Economic Sciences  |                             |                          |                                     |
| 47.075                          | I                | 11,849               | Social, Behavioral, and Economic Sciences  | SP00015609-01               |                          | Georgia State University            |
| 47.075                          | I                | 11,139               | Social, Behavioral, and Economic Sciences  | SUB00002961                 |                          | University of Georgia               |
| 47.076                          | D                | 314,582              | Education and Human Resources  |                             |                          |                                     |
| 47.076                          | I                | 30,924               | Education and Human Resources  | 715391-1                    |                          | William & Mary                      |
| 47.079                          | I                | 857                  | Office of International Science and Engineering  | 333-2782                    |                          | Duke University                     |
| 81.087                          | D                | 32,652               | Renewable Energy Research and Development  |                             |                          |                                     |
| 84.007                          | D                | 472,856              | Federal Supplemental Educational Opportunity Grants  |                             |                          |                                     |
| 84.031                          | I                | 9,471                | Higher Education Institutional Aid   | 18-0133                     |                          | Columbus State University           |
| 84.033                          | D                | 822,779              | Federal Work-Study Program   |                             |                          |                                     |
| 84.038                          | D                | 824,580              | Federal Perkins Loan Program Federal Capital Contributions   |                             |                          |                                     |
| 84.042                          | D                | 384,674              | TRIO Student Support Services  |                             |                          |                                     |
| 84.047                          | D                | 931,569              | TRIO Upward Bound  |                             |                          |                                     |
| 84.063                          | D                | 26,052,038           | Federal Pell Grant Program   |                             |                          |                                     |
| 84.268                          | D                | 71,106,483           | Federal Direct Student Loans   |                             |                          |                                     |
| 84.305                          | I                | 16,131               | Education Research, Development and Dissemination  | GM10177 PO#2194581          |                          | University of Virginia              |
| 84.325                          | D                | 21,423               | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities           |                             |                          |                                     |
| 84.334                          | D                | 5,628,832            | Gaining Early Awareness and Readiness for Undergraduate Programs   |                             |                          |                                     |
| 84.335                          | D                | 320,167              | Child Care Access Means Parents in School  |                             |                          |                                     |
| 84.411                          | D                | 1,916,539            | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)                                     |                             |                          |                                     |
| 84.425F                         | D                | 421,855              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion |                             |                          |                                     |
| 93.113                          | D                | 89,281               | Environmental Health   |                             |                          |                                     |
| 93.317                          | I                | 151                  | Emerging Infections Programs   | 35                          |                          | American College Health Foundation  |
| 93.761                          | D                | 160,817              | Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)              |                             |                          |                                     |
| 93.837                          | I                | 26,431               | Cardiovascular Diseases Research   | 1(GG017763-01               |                          | Trustees of Columbia University CNY |
| 93.859                          | D                | 156,702              | Biomedical Research and Research Training  |                             |                          |                                     |
| 93.866                          | I                | 1,372                | Aging Research   | S001803-DHHS                |                          | Pennsylvania State University       |
| 94.011                          | D                | 396,253              | Foster Grandparent Program   |                             |                          |                                     |
| 94.016                          | D                | 334,940              | Senior Companion Program   |                             |                          |                                     |
| 94.026                          | D                | 65,586               | National Service and Civic Engagement Research Competition   |                             |                          |                                     |
|                                 |                  | <u>113,650,122</u>   | Total - Appalachian State University   |                             |                          |                                     |
| <b>East Carolina University</b> |                  |                      |  |                             |                          |                                     |
| 10.310                          | D                | 16,512               | Agriculture and Food Research Initiative (AFRI)  |                             |                          |                                     |
| 10.310                          | I                | 38,373               | Agriculture and Food Research Initiative (AFRI)  | 1-508212                    |                          | Oklahoma State Univ                 |
| 10.310                          | I                | 787                  | Agriculture and Food Research Initiative (AFRI)  | 5112-1302-00-D/PO 000007000 |                          | Univ of South Florida               |
| 10.310                          | I                | 1,532                | Agriculture and Food Research Initiative (AFRI)  | KFS#5653710 PO#431323       |                          | Univ of Connecticut                 |
| 10.351                          | D                | 215,135              | Rural Business Development Grant   |                             |                          |                                     |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number     | Pass-Through Entity Name                                 | Additional Award Information   |
|-------------|------------------|----------------------|--|--------------------------------|--|--------------------------------|
| 10.525      | I                | 24,158               | Farm and Ranch Stress Assistance Network Competitive Grants Program                | A21-0450-S009                  | The University of Tennessee                              |                                |
| 11.011      | D                | 74,506               | Ocean Exploration  |                                |  |                                |
| 11.011      | I                | 4,389                | Ocean Exploration  | AWD-23-0477-001                | Ships of Exploration & Discovery Research Inc            |                                |
| 11.012      | I                | 28,708               | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)ECU.MM.HFR.1       | Southeast Coastal Ocean Observing Regional Assn          |                                |
| 11.417      | I                | 38,387               | Sea Grant Support  | M2001923                       | Texas A and M Univ                                       |                                |
| 11.431      | D                | 77,732               | Climate and Atmospheric Research   |                                |  |                                |
| 11.459      | I                | 41,714               | Weather and Air Quality Research   | NA200AR4590355                 | Nurture Nature Ctr                                       |                                |
| 11.473      | I                | 13,179               | Office for Coastal Management  | 22-0920                        | National Audubon Society, Inc                            |                                |
| 11.609      | I                | 97,461               | Measurement and Engineering Research and Standards                                 | G-99042-13                     | Colorado State University                                |                                |
| 12.300      | D                | 351,909              | Basic and Applied Scientific Research  |                                |  |                                |
| 12.420      | D                | 348,487              | Military Medical Research and Development  |                                |  |                                |
| 12.420      | I                | 10,808               | Military Medical Research and Development  | BPO# 0013583432                | Henry Ford Health System                                 |                                |
| 12.431      | I                | 56,149               | Basic Scientific Research  | UFDSP00012222-5/ PO0088902     | University of Florida                                    |                                |
| 12.630      | D                | 28,905               | Basic, Applied, and Advanced Research in Science and Engineering                   |                                |  |                                |
| 12.740      | I                | 78,771               | Past Conflict Accounting   | 509                            | University of Wisconsin Board of Regents                 |                                |
| 12.740      | I                | 53,660               | Past Conflict Accounting   | 704541                         | Regents of the University of California                  |                                |
| 12.740      | I                | 268,415              | Past Conflict Accounting   | SUBAWARD #5981/PO #1049332     | Henry M Jackson Foundation                               |                                |
| 12.740      | I                | 5,297                | Past Conflict Accounting   | SUBAWARD #6090/HJF AWARD #6554 | Henry M Jackson Foundation                               |                                |
| 12.RD       | D                | 55,097               | U. S. Department of Defense  |                                |  | W912HZ-20-2-0017               |
| 12.RD       | I                | 139,242              | U. S. Department of Defense  | 0061688-3                      | Univ of Pittsburgh                                       | 0061688-3                      |
| 12.RD       | I                | 42,042               | U. S. Department of Defense  | DRC.11223.03.RR001794.20 MOD 3 | Riverside Research                                       | DRC.11223.03.RR001794.20 MOD 3 |
| 15.608      | D                | 120                  | Fish and Wildlife Management Assistance  |                                |  |                                |
| 15.634      | I                | 36,206               | State Wildlife Grants  | 21253                          | Florida Fish & Wildlife Conservation Comm                |                                |
| 15.664      | D                | 61,394               | Fish and Wildlife Coordination and Assistance                                      |                                |  |                                |
| 15.678      | D                | 288                  | Cooperative Ecosystem Studies Units  |                                |  |                                |
| 15.808      | D                | 10,518               | U.S. Geological Survey Research and Data Collection                                |                                |  |                                |
| 15.810      | D                | 7,872                | National Cooperative Geologic Mapping  |                                |  |                                |
| 15.926      | D                | 3,749                | American Battlefield Protection  |                                |  |                                |
| 15.945      | D                | 8,000                | Cooperative Research and Training Programs – Resources of the National Park System |                                |  |                                |
| 15.945      | I                | 2,607                | Cooperative Research and Training Programs – Resources of the National Park System | 1005065-ECU/ P362249           | Univ of Wyoming  |                                |
| 16.745      | I                | 24,916               | Criminal and Juvenile Justice and Mental Health Collaboration Program              | SHARP                          | Pitt County  |                                |
| 16.838      | I                | 47,043               | Comprehensive Opioid, Stimulant, and Substance Abuse Program                       | SHARP                          | Pitt County  |                                |
| 17.502      | D                | 137,294              | Occupational Safety and Health Susan Harwood Training Grants                       |                                |  |                                |
| 19.009      | I                | 3,667                | Academic Exchange Programs - Undergraduate Programs                                | CBPSA20                        | World Learning   |                                |
| 20.RD       | I                | 9,258                | U. S. Department of Transportation   | 2022-009                       | Toxel LLC  | 2022-009                       |
| 21.027      | D                | 474,947              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                       |                                |  |                                |
| 32.006      | D                | 87,565               | COVID-19 Telehealth Program  |                                |  |                                |
| 43.001      | D                | 312,295              | Science  |                                |  |                                |
| 43.001      | I                | 21,710               | Science  | PO-0000224856                  | Louisiana State University                               |                                |
| 43.001      | I                | 48,468               | Science  | RSA NO. 1661417                | Jet Propulsion Laboratory                                |                                |
| 43.001      | I                | 13,240               | Science  | S5047-PO453053                 | Massachusetts Institute of Technology                    |                                |
| 45.129      | I                | 2,000                | Promotion of the Humanities Federal/State Partnership                              | 22-10                          | North Carolina Humanities Council                        |                                |
| 45.161      | D                | 30,388               | Promotion of the Humanities Research   |                                |  |                                |
| 45.163      | D                | 15,748               | Promotion of the Humanities Professional Development                               |                                |  |                                |
| 45.164      | I                | 9,507                | Promotion of the Humanities Public Programs  | CHECK #2090186                 | American Library Association                             |                                |
| 45.312      | D                | 147,181              | National Leadership Grants   |                                |  |                                |
| 45.313      | D                | 8,219                | Laura Bush 21st Century Librarian Program  |                                |  |                                |
| 45.313      | I                | 18,562               | Laura Bush 21st Century Librarian Program  | R1288891                       | The Research Found for State University of New York SUNY |                                |
| 47.041      | D                | 634,027              | Engineering  |                                |  |                                |
| 47.041      | I                | 69,644               | Engineering  | 51214                          | University of Delaware                                   |                                |
| 47.049      | D                | 527,480              | Mathematical and Physical Sciences   |                                |  |                                |
| 47.050      | D                | 1,585,066            | Geosciences  |                                |  |                                |
| 47.050      | I                | 9,357                | Geosciences  | 2104-1376-00-A PO000022900     | Univ of South Florida                                    |                                |
| 47.070      | D                | 241,455              | Computer and Information Science and Engineering                                   |                                |  |                                |
| 47.074      | D                | 727,176              | Biological Sciences  |                                |  |                                |
| 47.075      | D                | 403,708              | Social, Behavioral, and Economic Sciences  |                                |  |                                |
| 47.075      | I                | 31,171               | Social, Behavioral, and Economic Sciences  | UDR0000284                     | University of Delaware                                   |                                |
| 47.076      | D                | 2,347,277            | Education and Human Resources  |                                |  |                                |
| 47.078      | D                | 7,300                | Polar Programs   |                                |  |                                |
| 47.079      | D                | 80,469               | Office of International Science and Engineering                                    |                                |  |                                |
| 66.509      | I                | 87,067               | Science To Achieve Results (STAR) Research Program                                 | 1004950-ECU P358164            | Univ of Wyoming  |                                |
| 66.511      | I                | 107,191              | Office of Research and Development Consolidated Research/Training/Fellowships      | E0199A-A                       | Oregon State Univ  |                                |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name                            | Additional Award Information |
|-------------|------------------|----------------------|---|--------------------------------|---|------------------------------|
| 66.708      | D                | 186,146              | Pollution Prevention Grants Program   |                                |   |                              |
| 66.717      | D                | 31,463               | Source Reduction Assistance   |                                |   |                              |
| 81.049      | I                | 16,700               | Office of Science Financial Assistance Program  | ECU SBIR IP AGREEMENT          | Oscilla Power Inc                                   |                              |
| 81.087      | I                | 290,720              | Renewable Energy Research and Development   | L0172                          | Univ of New Hampshire                               |                              |
| 84.007      | D                | 2,068,506            | Federal Supplemental Educational Opportunity Grants   |                                |   |                              |
| 84.017      | D                | 49,877               | International Research and Studies  |                                |   |                              |
| 84.022      | D                | 10,739               | Overseas Programs - Doctoral Dissertation Research Abroad   |                                |   |                              |
| 84.033      | D                | 173,157              | Federal Work-Study Program  |                                |   |                              |
| 84.038      | D                | 3,463,136            | Federal Perkins Loan Program Federal Capital Contributions  |                                |   |                              |
| 84.063      | D                | 36,619,731           | Federal Pell Grant Program  |                                |   |                              |
| 84.268      | D                | 126,219,048          | Federal Direct Student Loans  |                                |   |                              |
| 84.324      | D                | 720,071              | Research in Special Education   |                                |   |                              |
| 84.325      | D                | 1,567,419            | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                                |                                |   |                              |
| 84.335      | D                | 87,925               | Child Care Access Means Parents in School   |                                |   |                              |
| 84.336      | D                | 173,625              | Teacher Quality Partnership Grants  |                                |   |                              |
| 84.379      | D                | 8,959                | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |                                |   |                              |
| 84.423      | D                | 319,753              | Supporting Effective Educator Development Program   |                                |   |                              |
| 84.425E     | D                | 3,326,800            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                            |                                |   |                              |
| 84.425F     | D                | 9,289,333            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                      |                                |   |                              |
| 93.059      | D                | 603,590              | Training in General, Pediatric, and Public Health Dentistry   |                                |   |                              |
| 93.068      | I                | 9,258                | Chronic Diseases: Research, Control, and Prevention   | 000516164-SC001                | University of Alabama at Birmingham                 |                              |
| 93.073      | I                | 12,419               | Birth Defects and Developmental Disabilities - Prevention and Surveillance  | A03-2441                       | Duke Univ   |                              |
| 93.077      | I                | 7,153                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 61-45117-1100000179            | Wake Forest University Health Sciences              |                              |
| 93.077      | I                | 2,971                | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 61-55811085045117-1100000179   | Wake Forest University Health Sciences              |                              |
| 93.077      | I                | 20,991               | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | FP00006477_SA006               | Virginia Commonwealth University                    |                              |
| 93.110      | D                | 145,140              | Maternal and Child Health Federal Consolidated Programs   |                                |   |                              |
| 93.110      | I                | 9,036                | Maternal and Child Health Federal Consolidated Programs   | 2 H30MC24046-11-00             | Hemophilia of Georgia Inc                           |                              |
| 93.110      | I                | 692                  | Maternal and Child Health Federal Consolidated Programs   | 5H30MC24046-12-00              | Hemophilia of Georgia Inc                           |                              |
| 93.113      | D                | 117,550              | Environmental Health  |                                |   |                              |
| 93.113      | I                | 10,844               | Environmental Health  | WSU22171                       | Wayne State Univ                                    |                              |
| 93.121      | D                | 257,213              | Oral Diseases and Disorders Research  |                                |   |                              |
| 93.121      | I                | 112,488              | Oral Diseases and Disorders Research  | 096565-17609                   | The Board of Trustees of the University of Illinois |                              |
| 93.121      | I                | 27,107               | Oral Diseases and Disorders Research  | 096565-18255                   | The Board of Trustees of the University of Illinois |                              |
| 93.121      | I                | 87,358               | Oral Diseases and Disorders Research  | SITZMAN-20-06                  | Phoenix Children's Hospital                         |                              |
| 93.124      | D                | 19,680               | Nurse Anesthetist Traineeship   |                                |   |                              |
| 93.153      | D                | 690,412              | Coordinated Services and Access to Research for Women, Infants, Children, and Youth   |                                |   |                              |
| 93.173      | D                | 256,529              | Research Related to Deafness and Communication Disorders  |                                |   |                              |
| 93.191      | D                | 263,807              | Graduate Psychology Education   |                                |   |                              |
| 93.211      | D                | 595,134              | Telehealth Programs   |                                |   |                              |
| 93.213      | D                | 270,436              | Research and Training in Complementary and Integrative Health   |                                |   |                              |
| 93.213      | I                | 5,741                | Research and Training in Complementary and Integrative Health   | TACT2 TRIAL TO ACCESS CHELATIO | Mount Sinai Medical Center                          |                              |
| 93.224      | I                | 173,748              | Health Center Program (Community Health Centers, Migrant Health Centers, Health Care for the Homeless, and Public Housing Primary Care) | AWD-22-0712-001                | Greene County Health Care Inc                       |                              |
| 93.242      | I                | 13,019               | Mental Health Research Grants   | VUMC 89072                     | Vanderbilt University Medical Center                |                              |
| 93.243      | D                | 642,716              | Substance Abuse and Mental Health Services Projects of Regional and National Significance   |                                |   |                              |
| 93.243      | I                | 40,238               | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 10020-001-FY23                 | Trillium Health Resources                           |                              |
| 93.243      | I                | 3,726                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 22-0311                        | Governors Inst on Alcohol and Substance Abuse       |                              |
| 93.243      | I                | 17,046               | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 23-0129                        | Governors Inst on Alcohol and Substance Abuse       |                              |
| 93.247      | D                | 657,058              | Advanced Nursing Education Workforce Grant Program  |                                |   |                              |
| 93.262      | I                | 7,231                | Occupational Safety and Health Program  | 3200003624-23-079PO#7800006632 | Univ of Kentucky Research Found                     |                              |
| 93.262      | I                | 17,529               | Occupational Safety and Health Program  | 3210001809-19-121/PO7800005771 | Univ of Kentucky Research Found                     |                              |
| 93.273      | D                | 435,710              | Alcohol Research Programs   |                                |   |                              |
| 93.276      | D                | 42,346               | Drug-Free Communities Support Program Grants  |                                |   |                              |
| 93.279      | D                | 202,291              | Drug Abuse and Addiction Research Programs  |                                |   |                              |
| 93.307      | I                | 54,039               | Minority Health and Health Disparities Research   | 55540-ECU PO G22901046         | University of Arkansas For Medical Sciences         |                              |
| 93.307      | I                | 9,463                | Minority Health and Health Disparities Research   | WU-23-0226/PO ST00011607       | Washington Univ                                     |                              |

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|-------------|------------------|----------------------|---|--------------------------------|---|------------------------------|
| 93.310      | I                | 598,298              | Trans-NIH Research Support  | 303000105                      | Duke Univ   |                              |
| 93.342      | D                | 173,296              | Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students               |                                |   |                              |
| 93.360      | I                | 10,398               | Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development | PTK0796-PEDPK-20110            | Paratek Pharmaceuticals Inc                               |                              |
| 93.361      | D                | 215,831              | Nursing Research  |                                |   |                              |
| 93.361      | I                | 116,618              | Nursing Research  | 19-3793/PO#2000043163          | University of South Carolina                              |                              |
| 93.361      | I                | 20,136               | Nursing Research  | 1900 G LA683                   | Regents of the University of California                   |                              |
| 93.361      | I                | 23,896               | Nursing Research  | A033333                        | Duke Univ   |                              |
| 93.364      | D                | 383,340              | Nursing Student Loans   |                                |   |                              |
| 93.365      | I                | 2,368                | Sickle Cell Treatment Demonstration Program   | 000532208-SC009                | University of Alabama at Birmingham                       |                              |
| 93.365      | I                | 46,259               | Sickle Cell Treatment Demonstration Program   | 000532208-SC009-A01            | University of Alabama at Birmingham                       |                              |
| 93.393      | I                | 27,366               | Cancer Cause and Prevention Research  | 1840 / PO1463014               | Rutgers The State University of New Jersey                |                              |
| 93.393      | I                | 62,279               | Cancer Cause and Prevention Research  | SUB00002519/PO 25244340        | Rutgers The State University of New Jersey                |                              |
| 93.395      | D                | 43,624               | Cancer Treatment Research   |                                |   |                              |
| 93.395      | I                | 26,398               | Cancer Treatment Research   | 1R41CA261311-01A1-ECU          | Claradele Pharmaceuticals, Inc.                           |                              |
| 93.395      | I                | 12,784               | Cancer Treatment Research   | A011106 / ALTERNATE            | Alliance for Clinical Trials in Oncology Foundation       |                              |
| 93.395      | I                | 902                  | Cancer Treatment Research   | A211401                        | Cancer and Leukemia Group B                               |                              |
| 93.395      | I                | 3,486                | Cancer Treatment Research   | ALLIANCE A021806               | Brigham & Women's hospital                                |                              |
| 93.395      | I                | 370                  | Cancer Treatment Research   | ALLIANCE A151804               | Brigham & Women's hospital                                |                              |
| 93.395      | I                | 5,870                | Cancer Treatment Research   | COG NCTN PCR                   | Public Health Institute                                   |                              |
| 93.395      | I                | 2,853                | Cancer Treatment Research   | CTA #CT005                     | CivaTech Oncology   |                              |
| 93.395      | I                | 6,457                | Cancer Treatment Research   | EA6174                         | ECOG-ACRIN Cancer Research Group                          |                              |
| 93.395      | I                | 751                  | Cancer Treatment Research   | ECOG-ACRIN EA2185              | Brigham & Women's hospital                                |                              |
| 93.395      | I                | 253,424              | Cancer Treatment Research   | GB10832.PO#2256935             | Univ of Virginia  |                              |
| 93.395      | I                | 314                  | Cancer Treatment Research   | N1048-(PROSPECT)/ALLIANCE      | Brigham & Women's hospital                                |                              |
| 93.395      | I                | 151,271              | Cancer Treatment Research   | NCI COVID-19(N-CCAPS)          | Brigham & Women's hospital                                |                              |
| 93.395      | I                | 1,925                | Cancer Treatment Research   | RARE SUPPLEMENT - NCTN Y8 PCR  | Public Health Institute                                   |                              |
| 93.395      | I                | 9,406                | Cancer Treatment Research   | S1801 / SWOG                   | SWOG- Clinical Trials Initiative LLC                      |                              |
| 93.397      | I                | 3,584                | Cancer Centers Support Grants   | PROTOCOL A011202 / ALLIANCE    | Cancer and Leukemia Group B                               |                              |
| 93.558      | I                | 30,285               | Temporary Assistance for Needy Families   | CACNC DHHS SUB-AWARD AGREEMENT | Childrens Advocacy Ctr of NC Inc                          |                              |
| 93.669      | I                | 349                  | Child Abuse and Neglect State Grants  | CACNC DHHS SUB-AWARD AGREEMENT | Childrens Advocacy Ctr of NC Inc                          |                              |
| 93.778      | I                | 22,203               | Medical Assistance Program  | AWD-23-0277                    | Access East Inc   |                              |
| 93.799      | D                | 45,523               | CARA Act – Comprehensive Addiction and Recovery Act of 2016   |                                |   |                              |
| 93.837      | D                | 2,250,729            | Cardiovascular Diseases Research  |                                |   |                              |
| 93.837      | I                | 3,074                | Cardiovascular Diseases Research  | 000511972-SC002/5UH3HL130691-0 | University of Alabama at Birmingham                       |                              |
| 93.837      | I                | 41,005               | Cardiovascular Diseases Research  | 35238-1                        | Augusta University  |                              |
| 93.837      | I                | 340,483              | Cardiovascular Diseases Research  | 35551-1                        | Augusta University  |                              |
| 93.837      | I                | 4,832                | Cardiovascular Diseases Research  | N006187424 / UMN 65083         | Regents of the Univ of Minnesota                          |                              |
| 93.837      | I                | 56,231               | Cardiovascular Diseases Research  | R42HL133633                    | RFPi LLC  |                              |
| 93.837      | I                | 3,088                | Cardiovascular Diseases Research  | SUBAWARD NO. 0255-A346-4605    | Mt. Sinai School of Medicine                              |                              |
| 93.838      | I                | 23,249               | Lung Diseases Research  | A035364 (SPS-269060) SILDI-SAF | Duke Univ   |                              |
| 93.839      | D                | 93,225               | Blood Diseases and Resources Research   |                                |   |                              |
| 93.839      | I                | 15,848               | Blood Diseases and Resources Research   | 000524452-SC011                | University of Alabama at Birmingham                       |                              |
| 93.839      | I                | 3,597                | Blood Diseases and Resources Research   | AWD00000392 (137958-10)        | Univ of Pittsburgh  |                              |
| 93.839      | I                | 5,699                | Blood Diseases and Resources Research   | SUBAWARD 20789/PO 1000013630   | Univ of Maryland  |                              |
| 93.839      | I                | 1,140                | Blood Diseases and Resources Research   | SUBAWARD NO. 20789 / PO TBD    | Univ of Maryland  |                              |
| 93.840      | I                | 338                  | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders          | 13597SC                        | The Regents of The University of California San Francisco |                              |
| 93.840      | I                | 1,036                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders          | 14332SC                        | The Regents of The University of California San Francisco |                              |
| 93.846      | D                | 503,234              | Arthritis, Musculoskeletal and Skin Diseases Research   |                                |   |                              |
| 93.846      | I                | 206,776              | Arthritis, Musculoskeletal and Skin Diseases Research   | ZAT00020/1R01AR071263-01       | University of Kansas Medical Center Research Inst Inc     |                              |
| 93.847      | D                | 1,954,206            | Diabetes, Digestive, and Kidney Diseases Extramural Research  |                                |   |                              |
| 93.847      | I                | 114,080              | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 1329760-ECU                    | AdventHealth Orlando                                      |                              |
| 93.847      | I                | 115,286              | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 2005481770                     | Johns Hopkins University                                  |                              |
| 93.847      | I                | 18,149               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 36305-3                        | Augusta University  |                              |
| 93.847      | I                | 6,890                | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 489.32841.11000008054          | Wake Forest University Health Sciences                    |                              |
| 93.847      | I                | 5,023                | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 700198-0522-00                 | Nationwide Childrens Hosp                                 |                              |
| 93.847      | I                | 12,437               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | A033315                        | Duke Univ   |                              |
| 93.847      | I                | 36,592               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | EVIN-R43DK130750-SUB-01        | Evincis Bio, Inc.   |                              |
| 93.847      | I                | 8,506                | Diabetes, Digestive, and Kidney Diseases Extramural Research  | SUBAWARD NO. 3301820723        | Childrens Hosp of Philadelphia                            |                              |
| 93.847      | I                | 16,200               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | SUBAWARD NO: 303000590         | Duke Univ   |                              |
| 93.853      | D                | 552,909              | Extramural Research Programs in the Neurosciences and Neurological Disorders                                  |                                |   |                              |
| 93.855      | D                | 1,373,279            | Allergy and Infectious Diseases Research  |                                |   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number     | Pass-Through Entity Name                                   | Additional Award Information |
|-------------|------------------|----------------------|--|--------------------------------|--|------------------------------|
| 93.855      | I                | 23,423               | Allergy and Infectious Diseases Research   | 20-1592                        | The Desmond Tutu Health Foundation                         |                              |
| 93.855      | I                | 115,732              | Allergy and Infectious Diseases Research   | 203504ECU/ 5R01AI136904-02     | University of Notre Dame du Lac                            |                              |
| 93.855      | I                | 60,621               | Allergy and Infectious Diseases Research   | 3200003246-20-286/PO7800005283 | University of Kentucky                                     |                              |
| 93.855      | I                | 136,665              | Allergy and Infectious Diseases Research   | GR112601 (CON-80003005)        | Yale University  |                              |
| 93.855      | I                | 55,792               | Allergy and Infectious Diseases Research   | M2203745                       | Texas A&M Health Science Center                            |                              |
| 93.855      | I                | 22,362               | Allergy and Infectious Diseases Research   | NIH-TBSTIGMA-ECU-02            | The Desmond Tutu Health Foundation                         |                              |
| 93.855      | I                | 140,869              | Allergy and Infectious Diseases Research   | SUB A034260, PROTOCOL 20-0002  | Duke Univ  |                              |
| 93.859      | D                | 1,268,878            | Biomedical Research and Research Training  |                                |  |                              |
| 93.859      | I                | 31,079               | Biomedical Research and Research Training  | PO-0000186157                  | Louisiana State University                                 |                              |
| 93.865      | D                | 464,885              | Child Health and Human Development Extramural Research   |                                |  |                              |
| 93.865      | I                | 590                  | Child Health and Human Development Extramural Research   | 2831952                        | Duke Univ  |                              |
| 93.865      | I                | 24,370               | Child Health and Human Development Extramural Research   | 383001512 (BIB) / 2831952      | Duke Univ  |                              |
| 93.865      | I                | 6,042                | Child Health and Human Development Extramural Research   | 383001512 (CPT) / 2831952      | Duke Univ  |                              |
| 93.865      | I                | 10,660               | Child Health and Human Development Extramural Research   | 383001512 (GDB+FU) / 2831952   | Duke Univ  |                              |
| 93.865      | I                | 4,563                | Child Health and Human Development Extramural Research   | 383001512 (PDA) / 2831952      | Duke Univ  |                              |
| 93.865      | I                | 20,652               | Child Health and Human Development Extramural Research   | GB10889/PO#2294229             | Rector and Visitors of the University of Virginia          |                              |
| 93.865      | I                | 282                  | Child Health and Human Development Extramural Research   | SUBAWARD 2831952/SPS 240023    | Duke Univ  |                              |
| 93.866      | D                | 1,023,582            | Aging Research   |                                |  |                              |
| 93.866      | I                | 42,963               | Aging Research   | 0353-01, PO #S2211654-013      | Oklahoma Medical Research Foundation                       |                              |
| 93.866      | I                | 4,126                | Aging Research   | 15494-04FFS/15318-04-04FFS/ASP | Hennepin Healthcare Research Institute                     |                              |
| 93.866      | I                | 21,729               | Aging Research   | 2021-1609                      | Regents of the University of California                    |                              |
| 93.866      | I                | 22,351               | Aging Research   | 22-86085-06                    | Univ of Texas Med Branch at Galveston                      |                              |
| 93.866      | I                | 24,907               | Aging Research   | 224332-1/7R01AG072794-02       | Joan & Sanford Weill Medical College of Cornell University |                              |
| 93.866      | I                | 9,205                | Aging Research   | 572013                         | Univ of Pennsylvania                                       |                              |
| 93.866      | I                | 12,441               | Aging Research   | AG069476-ECU01                 | Pennington Biomedical Research Center                      |                              |
| 93.866      | I                | 76                   | Aging Research   | SUBAWARD NO: 15267-04-01FFS    | Hennepin Healthcare Research Institute                     |                              |
| 93.867      | D                | 48,551               | Vision Research  |                                |  |                              |
| 93.879      | D                | 9,909                | Medical Library Assistance   |                                |  |                              |
| 93.884      | D                | 300,523              | Grants for Primary Care Training and Enhancement   |                                |  |                              |
| 93.912      | I                | 234                  | Rural Health Care Services Outreach, Rural Health Network Development and Small Health Care Provider Quality Improvement | AWD-23-0145-001                | Foundation for Health Leadership and Innovation            |                              |
| 93.918      | D                | 861,606              | Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease                                     |                                |  |                              |
| 93.925      | D                | 639,972              | Scholarships for Health Professions Students from Disadvantaged Backgrounds  |                                |  |                              |
| 93.959      | I                | 51,492               | Block Grants for Prevention and Treatment of Substance Abuse   | 1424-45117-11000000519         | Wake Forest University Health Sciences                     |                              |
| 93.982      | D                | 8,838                | Mental Health Disaster Assistance and Emergency Mental Health  |                                |  |                              |
| 98.001      | I                | 32,927               | USAID Foreign Assistance for Programs Overseas   | 0008869/060221 PO#0000176531   | State of Rhode Island                                      |                              |
|             |                  | <u>216,549,224</u>   | Total - East Carolina University   |                                |  |                              |

**Elizabeth City State University**

|        |   |           |   |          |                                     |  |
|--------|---|-----------|---|----------|-------------------------------------|--|
| 11.028 | D | 32,701    | Connecting Minority Communities Pilot Program   |          |                                     |  |
| 12.330 | D | 70,861    | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |          |                                     |  |
| 12.630 | D | 2,638     | Basic, Applied, and Advanced Research in Science and Engineering                                |          |                                     |  |
| 15.904 | D | 37,755    | Historic Preservation Fund Grants-In-Aid  |          |                                     |  |
| 16.525 | D | 4,123     | Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus     |          |                                     |  |
| 20.111 | D | 56,385    | Aircraft Pilots Workforce Development Grant Program   |          |                                     |  |
| 20.215 | D | 32,864    | Highway Training and Education  |          |                                     |  |
| 43.008 | D | 178,011   | Office of Stem Engagement (OSTEM)   |          |                                     |  |
| 45.164 | D | 11,520    | Promotion of the Humanities Public Programs   |          |                                     |  |
| 45.309 | D | 19,280    | Museum Grants for African American History and Culture  |          |                                     |  |
| 47.049 | D | 68,750    | Mathematical and Physical Sciences  |          |                                     |  |
| 47.070 | I | 101,660   | Computer and Information Science and Engineering  | S9001482 | University of California, San Diego |  |
| 47.076 | D | 649,275   | Education and Human Resources   |          |                                     |  |
| 81.049 | D | 21,344    | Office of Science Financial Assistance Program  |          |                                     |  |
| 81.137 | D | 71,260    | Minority Economic Impact  |          |                                     |  |
| 84.007 | D | 395,910   | Federal Supplemental Educational Opportunity Grants   |          |                                     |  |
| 84.031 | D | 3,775,920 | Higher Education Institutional Aid  |          |                                     |  |
| 84.033 | D | 301,342   | Federal Work-Study Program  |          |                                     |  |
| 84.042 | D | 386,561   | TRIO Student Support Services   |          |                                     |  |
| 84.044 | D | 235,223   | TRIO Talent Search  |          |                                     |  |
| 84.047 | D | 424,907   | TRIO Upward Bound   |          |                                     |  |
| 84.063 | D | 5,940,567 | Federal Pell Grant Program  |          |                                     |  |



State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|---|--------------------------------|--------------------------|------------------------------|
| 84.066  | D                | 251,784              | TRIO Educational Opportunity Centers  |                                |                          |                              |
| 84.120  | D                | 160,730              | Minority Science and Engineering Improvement  |                                |                          |                              |
| 84.268  | D                | 8,358,291            | Federal Direct Student Loans  |                                |                          |                              |
| 84.382  | D                | 368,967              | Strengthening Minority-Serving Institutions   |                                |                          |                              |
| 84.425J   | D                | 3,895,537            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Historically Black Colleges and Universities (HBCUs) |                                |                          |                              |
| 93.859  | D                | 98,894               | Biomedical Research and Research Training   |                                |                          |                              |
|   |                  | <u>25,953,060</u>    | Total - Elizabeth City State University   |                                |                          |                              |
| <b>Fayetteville State University</b>                                |                  |                      |   |                                |                          |                              |
| 11.028  | D                | 593,931              | Connecting Minority Communities Pilot Program   |                                |                          |                              |
| 11.303  | D                | 88,653               | Economic Development Technical Assistance   |                                |                          |                              |
| 11.307  | D                | 149,123              | Economic Adjustment Assistance  |                                |                          |                              |
| 12.300  | D                | 6,862                | Basic and Applied Scientific Research   |                                |                          |                              |
| 12.431  | D                | 24,296               | Basic Scientific Research   |                                |                          |                              |
| 12.630  | D                | 28,868               | Basic, Applied, and Advanced Research in Science and Engineering  |                                |                          |                              |
| 19.009  | D                | 10,158               | Academic Exchange Programs - Undergraduate Programs   |                                |                          |                              |
| 19.040  | D                | 1,456                | Public Diplomacy Programs   |                                |                          |                              |
| 21.019  | D                | 95,918               | COVID-19 - Coronavirus Relief Fund  |                                |                          |                              |
| 21.027  | D                | 510,147              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |                                |                          |                              |
| 43.001  | D                | 27,500               | Science   |                                |                          |                              |
| 43.008  | D                | 368,051              | Office of Stem Engagement (OSTEM)   |                                |                          |                              |
| 47.041  | D                | 144,566              | Engineering   |                                |                          |                              |
| 47.049  | D                | 91,526               | Mathematical and Physical Sciences  |                                |                          |                              |
| 47.070  | D                | 165,147              | Computer and Information Science and Engineering  |                                |                          |                              |
| 47.074  | D                | 138,082              | Biological Sciences   |                                |                          |                              |
| 47.076  | D                | 701,428              | Education and Human Resources   |                                |                          |                              |
| 47.083  | D                | 21,920               | Integrative Activities  |                                |                          |                              |
| 59.037  | D                | 197,602              | Small Business Development Centers  |                                |                          |                              |
| 59.044  | D                | 247,099              | Veterans Outreach Program   |                                |                          |                              |
| 84.007  | D                | 756,132              | Federal Supplemental Educational Opportunity Grants   |                                |                          |                              |
| 84.031  | D                | 7,905,798            | Higher Education Institutional Aid  |                                |                          |                              |
| 84.033  | D                | 395,915              | Federal Work-Study Program  |                                |                          |                              |
| 84.042  | D                | 707,395              | TRIO Student Support Services   |                                |                          |                              |
| 84.044  | D                | 590,529              | TRIO Talent Search  |                                |                          |                              |
| 84.047  | D                | 703,673              | TRIO Upward Bound   |                                |                          |                              |
| 84.063  | D                | 18,171,783           | Federal Pell Grant Program  |                                |                          |                              |
| 84.066  | D                | 444,980              | TRIO Educational Opportunity Centers  |                                |                          |                              |
| 84.217  | D                | 246,678              | TRIO McNair Post-Baccalaureate Achievement  |                                |                          |                              |
| 84.268  | D                | 27,250,829           | Federal Direct Student Loans  |                                |                          |                              |
| 84.287  | D                | 321,444              | Twenty-First Century Community Learning Centers   |                                |                          |                              |
| 84.323  | D                | 6,480                | Special Education - State Personnel Development   |                                |                          |                              |
| 84.334  | D                | 1,160,241            | Gaining Early Awareness and Readiness for Undergraduate Programs  |                                |                          |                              |
| 84.379  | D                | 5,187                | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |                                |                          |                              |
| 84.382  | D                | 793,999              | Strengthening Minority-Serving Institutions   |                                |                          |                              |
| 84.425F   | D                | 3,509,925            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                            |                                |                          |                              |
| 84.425J   | D                | 6,382,662            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Historically Black Colleges and Universities (HBCUs) |                                |                          |                              |
| 93.359  | D                | 135,923              | Nurse Education, Practice Quality and Retention Grants  |                                |                          |                              |
| 93.364  | D                | 35,708               | Nursing Student Loans   |                                |                          |                              |
| 93.859  | D                | 406,036              | Biomedical Research and Research Training   |                                |                          |                              |
| 93.959  | D                | 108,627              | Block Grants for Prevention and Treatment of Substance Abuse  |                                |                          |                              |
| 97.061  | D                | 19,512               | Centers for Homeland Security   |                                |                          |                              |
|   |                  | <u>73,671,789</u>    | Total - Fayetteville State University   |                                |                          |                              |
| <b>North Carolina Agricultural &amp; Technical State University</b> |                  |                      |   |                                |                          |                              |
| 10.001  | D                | 4,250                | Agricultural Research Basic and Applied Research  |                                |                          |                              |
| 10.147  | D                | 49,990               | Outreach Education and Technical Assistance   |                                |                          |                              |
| 10.176  | D                | 5,396                | Dairy Business Innovation Initiatives   |                                |                          |                              |
| 10.206  | D                | 6,981,209            | Grants for Agricultural Research Competitive Research Grants  |                                |                          |                              |
| 10.215  | I                | 63,856               | Sustainable Agriculture Research and Education  | Contingency Ltr dated 03.18.20 | University of Georgia    |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name                      | Additional Award Information |
|-------------|------------------|----------------------|---|--------------------------------|---|------------------------------|
| 10.215      | I                | 20,619               | Sustainable Agriculture Research and Education                                      | Email dated 6/14/19            | University of Georgia                         |                              |
| 10.215      | I                | 4,319                | Sustainable Agriculture Research and Education                                      | SUB00002858                    | University of Georgia                         |                              |
| 10.216      | D                | 586,796              | 1890 Institution Capacity Building Grants   |                                |   |                              |
| 10.216      | I                | 11,427               | 1890 Institution Capacity Building Grants   | 332.77-19.0684                 | Tennessee State University                    |                              |
| 10.217      | D                | 3,188                | Higher Education - Institution Challenge Grants Program                             |                                |   |                              |
| 10.217      | I                | 100,234              | Higher Education - Institution Challenge Grants Program                             | Subaward No: 022364A           | Iowa State University                         |                              |
| 10.220      | D                | 47,652               | Higher Education - Multicultural Scholars Grant Program                             |                                |   |                              |
| 10.229      | I                | 13,207               | Extension Collaborative on Immunization Teaching & Engagement                       | Subaward No: EXC3-2022-2278    | Extension Foundation                          |                              |
| 10.229      | I                | 15,881               | Extension Collaborative on Immunization Teaching & Engagement                       | Subaward No: EXCITE-ACT1-1890F | 1890 Universities Foundation                  |                              |
| 10.250      | D                | 10,739               | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations |                                |   |                              |
| 10.290      | D                | 24,132               | Agricultural Market and Economic Research   |                                |   |                              |
| 10.303      | I                | 27,931               | Integrated Programs   | Subaward #: SUB00002201        | University of Georgia                         |                              |
| 10.307      | I                | 16,979               | Organic Agriculture Research and Extension Initiative                               | Subaward No: F0004577402019    | Purdue University                             |                              |
| 10.310      | D                | 1,214,750            | Agriculture and Food Research Initiative (AFRI)                                     |                                |   |                              |
| 10.310      | I                | 5,289                | Agriculture and Food Research Initiative (AFRI)                                     | Subaward No: 416346            | Mississippi State University                  |                              |
| 10.310      | I                | 78,824               | Agriculture and Food Research Initiative (AFRI)                                     | Subaward No: 416346            | University of Connecticut                     |                              |
| 10.311      | D                | 65,964               | Beginning Farmer and Rancher Development Program                                    |                                |   |                              |
| 10.319      | I                | 4,303                | Farm Business Management and Benchmarking Competitive Grants Program                | Subaward # C00078727-4         | University of Missouri-Columbia               |                              |
| 10.319      | I                | 15,832               | Farm Business Management and Benchmarking Competitive Grants Program                | Subaward No: C00066315-1       | University of Missouri-Columbia               |                              |
| 10.319      | I                | 16,360               | Farm Business Management and Benchmarking Competitive Grants Program                | Subaward No: C00071254-3       | University of Missouri-Columbia               |                              |
| 10.319      | I                | 32,862               | Farm Business Management and Benchmarking Competitive Grants Program                | Subaward No: C00074740-4       | University of Missouri-Columbia               |                              |
| 10.331      | D                | 31,992               | Food Insecurity Nutrition Incentive Grants Program                                  |                                |   |                              |
| 10.443      | D                | 296,944              | Outreach and Assistance for Socially Disadvantaged and Veteran Farmers and Ranchers |                                |   |                              |
| 10.500      | D                | 391,403              | Cooperative Extension Service   |                                |   |                              |
| 10.500      | I                | 13,568               | Cooperative Extension Service   | Agreement No: 0000001650       | University of Wisconsin Madison               |                              |
| 10.500      | I                | 16,064               | Cooperative Extension Service   | Subaward No: 5938-NCAT-UM-3501 | Pennsylvania State University                 |                              |
| 10.514      | D                | 126,599              | Expanded Food and Nutrition Education Program                                       |                                |   |                              |
| 10.515      | D                | 4,389                | Renewable Resources Extension Act and National Focus Fund Projects                  |                                |   |                              |
| 10.522      | D                | 533,068              | Food and Agriculture Service Learning Program                                       |                                |   |                              |
| 10.522      | I                | 48,826               | Food and Agriculture Service Learning Program                                       | Memorandum dated 9/14/2020     | 1890 Universities Foundation                  |                              |
| 10.523      | D                | 564,610              | Centers of Excellence at 1890 Institutions  |                                |   |                              |
| 10.523      | I                | 62,225               | Centers of Excellence at 1890 Institutions  | 2021-38427-34838               | University of Maryland Eastern Shore          |                              |
| 10.523      | I                | 258,524              | Centers of Excellence at 1890 Institutions  | Contingency Ltr dated 6/4/2021 | Southern University and A&M College           |                              |
| 10.523      | I                | 19,517               | Centers of Excellence at 1890 Institutions  | Sub award No: 2020-38427-31514 | University of Maryland Eastern Shore          |                              |
| 10.523      | I                | 33,784               | Centers of Excellence at 1890 Institutions  | Subaward Signed 8/27/2020      | Tuskegee University                           |                              |
| 10.524      | D                | 665,280              | Scholarships for Students at 1890 Institutions                                      |                                |   |                              |
| 10.902      | D                | 319,522              | Soil and Water Conservation   |                                |   |                              |
| 10.960      | D                | 50,152               | Technical Agricultural Assistance   |                                |   |                              |
| 10.RD       | I                | 1,421                | U. S. Department of Agriculture   | Agreement dated 4/27/20        | National Watermelon Promotion Board (NWPB)    | G-281123                     |
| 10.RD       | I                | 24,280               | U. S. Department of Agriculture   | CFSRPES agreement              | Tuskegee University                           | G-281279                     |
| 10.RD       | I                | 6,530                | U. S. Department of Agriculture   | CRSA Contractor Agreement      | Carolina Farm Stewardship Association         | G-281216                     |
| 10.RD       | I                | 78                   | U. S. Department of Agriculture   | SUBAWARD NO: H006425303        | University of Minnesota                       | G-280996                     |
| 10.RD       | I                | 48,250               | U. S. Department of Agriculture   | Subaward No: F9002550402167    | Purdue University                             | G-281322                     |
| 10.RD       | I                | 8,164                | U. S. Department of Agriculture   | UMES SUBAWARD SIGNED 12/12/16  | University of Maryland Eastern Shore          | G-280949                     |
| 10.U02      | I                | 4,457                | U. S. Department of Agriculture   | Subaward dated 9-16-2020       | 1890 Universities Foundation                  | G-281142                     |
| 11.307      | D                | 779,114              | Economic Adjustment Assistance  |                                |   |                              |
| 11.459      | D                | 133,559              | Weather and Air Quality Research  |                                |   |                              |
| 12.300      | D                | 972,619              | Basic and Applied Scientific Research   |                                |   |                              |
| 12.431      | D                | 174,447              | Basic Scientific Research   |                                |   |                              |
| 12.630      | D                | 1,143,873            | Basic, Applied, and Advanced Research in Science and Engineering                    |                                |   |                              |
| 12.630      | I                | 26,079               | Basic, Applied, and Advanced Research in Science and Engineering                    | Email dated 3/31/2022          | Technology Student Association (TSA)          |                              |
| 12.800      | D                | 112,213              | Air Force Defense Research Sciences Program   |                                |   |                              |
| 12.800      | I                | 74,685               | Air Force Defense Research Sciences Program   | Subaward No: GR123212          | Ohio State University                         |                              |
| 12.902      | I                | 59,421               | Information Security Grants   | Subaward No: FORD0059-30353    | Fordham University                            |                              |
| 12.905      | D                | 187,541              | CyberSecurity Core Curriculum   |                                |   |                              |
| 12.905      | I                | 30,334               | CyberSecurity Core Curriculum   | Subaward No: A22-0041-S003     | University of Memphis                         |                              |
| 12.RD       | I                | 10,831               | U. S. Department of Defense   | Credit Card Payment            | DOD-ARMY                                      | G-210265                     |
| 12.RD       | I                | 12,335               | U. S. Department of Defense   | DHS-SRTMSI-2022-FacultyProposa | Oak Ridge Institute for Science and Education | G-281308                     |
| 12.RD       | I                | 5,231                | U. S. Department of Defense   | FA8651-12-M-0181               | DOD DAF Air Force Research Laboratory (AFRL)  | G-210136                     |
| 12.RD       | I                | 9,004                | U. S. Department of Defense   | H98230-21-1-0026               | DOD National Security Agency (NSA)            | G-210242                     |
| 12.RD       | I                | 160,912              | U. S. Department of Defense   | H98230-21-1-0326               | DOD National Security Agency (NSA)            | G-210245                     |
| 12.RD       | I                | 59,977               | U. S. Department of Defense   | H98230-22-1-0017               | DOD National Security Agency (NSA)            | G210262                      |

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|-------------|------------------|----------------------|---|--------------------------------|---|------------------------------|
| 12.RD       | I                | 23,206               | U. S. Department of Defense   | H98230-23-1-0008               | Department of Defense                                     | G-210271                     |
| 12.RD       | I                | 110,909              | U. S. Department of Defense   | P.O. 1022200203                | NORTHROP GRUMMAN SYSTEMS CORPORATION                      | G-281308                     |
| 12.RD       | I                | 134,917              | U. S. Department of Defense   | SUB# D01-W911SR-14-2-001-0026  | MSRDC   | G-281000                     |
| 12.RD       | I                | 278,471              | U. S. Department of Defense   | Sub Agreement # M2201563       | University Consortium for Applied Hypersonics (UCAH)      | G-281277                     |
| 12.RD       | I                | 471,513              | U. S. Department of Defense   | Subagreement No: M2200273      | University Consortium for Applied Hypersonics (UCAH)      | G-281230                     |
| 12.RD       | I                | 118,795              | U. S. Department of Defense   | Subaward No: GR125525          | Ohio State University                                     | G-281264                     |
| 12.RD       | I                | 66,272               | U. S. Department of Defense   | Subaward No: SPC-1000006528/GR | Ohio State University                                     | G-281299                     |
| 12.RD       | I                | 11,045               | U. S. Department of Defense   | Subaward No: SPC-100006920/GR1 | Ohio State University                                     | G-281307                     |
| 12.RD       | I                | 115,944              | U. S. Department of Defense   | Subcontract NCAT 21-1-0460     | Clarkson Aerospace  | G-281240                     |
| 12.RD       | I                | 32,234               | U. S. Department of Defense   | Subcontract No.D9104-S1        | Georgia Tech Research Institute                           | G-281197                     |
| 12.RD       | I                | 169,345              | U. S. Department of Defense   | Subcontract No: SB2119-001-1   | Spectral Energies, LLC                                    | G-281246                     |
| 12.RD       | I                | 21,577               | U. S. Department of Defense   | W911QY2220005                  | DOD-NAVY-ONR-OFFICE OF NAVAL RESEARCH                     | G-210270                     |
| 12.U03      | I                | 82,684               | U. S. Department of Defense   | H98230-21-1-0068               | DOD National Security Agency (NSA)                        | G-210259                     |
| 12.U04      | I                | 428,999              | U. S. Department of Defense   | ACENet-001                     | Collaborative Composite Solutions Corporation             | G-281274                     |
| 14.506      | D                | 110,699              | General Research and Technology Activity  |                                |   |                              |
| 14.506      | I                | 67,072               | General Research and Technology Activity  | H-21732CA                      | US Department of Housing and Urban Development            |                              |
| 15.904      | D                | 27,500               | Historic Preservation Fund Grants-In-Aid  |                                |   |                              |
| 16.525      | D                | 199,380              | Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus |                                |   |                              |
| 19.017      | I                | 7,561                | Environmental and Scientific Partnerships and Programs                                      | Subaward No: 1(GG015573)       | Columbia University                                       |                              |
| 20.205      | I                | 3,051                | Highway Planning and Construction   | Agreement ID # 11471           | DUPREC_Federal Highway Administration                     |                              |
| 20.205      | I                | 45,746               | Highway Planning and Construction   | Agreement ID #11215            | DOT-FHA-Federal Highway Administration                    |                              |
| 20.215      | D                | 21,300               | Highway Training and Education  |                                |   |                              |
| 20.701      | D                | 937,796              | University Transportation Centers Program   |                                |   |                              |
| 20.RD       | I                | 61,003               | U. S. Department of Transportation  | 693JK422P600005                | US Dept of Transportation                                 | G-270187                     |
| 43.002      | D                | 1,962,544            | Aeronautics   |                                |   |                              |
| 43.002      | I                | 35,481               | Aeronautics   | Contingency Ltr Dated 3/4/2022 | University Of Illinois-Urbana-Champaign                   |                              |
| 43.002      | I                | 95,385               | Aeronautics   | SUBAWARD # 60061599            | Ohio State University                                     |                              |
| 43.002      | I                | 161,325              | Aeronautics   | Subaward No: AWD-002709-G1     | Georgia Institute of Technology-Library                   |                              |
| 43.008      | D                | 63,720               | Office of Stem Engagement (OSTEM)   |                                |   |                              |
| 43.012      | D                | 209,046              | Space Technology  |                                |   |                              |
| 43.RD       | I                | 115,676              | U. S. National Aeronautics and Space Administration   | 80NSSC20P1055                  | NASA Glenn Research Center                                | G-220071                     |
| 43.RD       | I                | 82,760               | U. S. National Aeronautics and Space Administration   | C16-2B00-NCAT, ACTIVITY 3773-N | Virginia Polytechnic Institute and State University       | G-281154                     |
| 43.RD       | I                | 2,061                | U. S. National Aeronautics and Space Administration   | P.O.# 4600007045               | The Aerospace Corporation                                 | G-281183                     |
| 43.RD       | I                | 24,624               | U. S. National Aeronautics and Space Administration   | PO # 4400000382                | The Aerospace Corporation                                 | G-281309                     |
| 43.U01      | I                | 5,625                | U. S. National Aeronautics and Space Administration   | LETTER DATED 9-23-03           | National Action Council for Minorities in Engineering Inc | G-280155                     |
| 47.041      | D                | 974,557              | Engineering   |                                |   |                              |
| 47.041      | I                | 98,976               | Engineering   | Subagreement No: 333-000072    | Duke University   |                              |
| 47.041      | I                | 13,146               | Engineering   | Subaward # FAR0035616          | North Dakota State University                             |                              |
| 47.041      | I                | 43,146               | Engineering   | Subaward No: 769-2093          | American Society for Engineering Education (ASEE)         |                              |
| 47.041      | I                | 124,176              | Engineering   | Subaward No: AWD-001459-G1     | Georgia Institute of Technology-Library                   |                              |
| 47.049      | D                | 945,587              | Mathematical and Physical Sciences  |                                |   |                              |
| 47.050      | D                | 834,723              | Geosciences   |                                |   |                              |
| 47.050      | I                | 8,391                | Geosciences   | Subaward No: SUB00002745       | University of Georgia                                     |                              |
| 47.070      | D                | 902,365              | Computer and Information Science and Engineering  |                                |   |                              |
| 47.070      | I                | 122,512              | Computer and Information Science and Engineering  | Subaward No: 333-2827          | Duke University   |                              |
| 47.074      | D                | 1,246,552            | Biological Sciences   |                                |   |                              |
| 47.074      | I                | 10,358               | Biological Sciences   | Subaward No: 2018-02           | Loyola University Maryland                                |                              |
| 47.074      | I                | 12,397               | Biological Sciences   | Subaward No: A23-0152-S001     | University of Tennessee at Chattanooga                    |                              |
| 47.075      | D                | 304,863              | Social, Behavioral, and Economic Sciences   |                                |   |                              |
| 47.076      | D                | 4,735,583            | Education and Human Resources   |                                |   |                              |
| 47.076      | I                | 16,065               | Education and Human Resources   | Subaward No: 1015-33173-100001 | Wake Forest University School of Medicine                 |                              |
| 47.076      | I                | 13,706               | Education and Human Resources   | Subaward No: 140081 SPC004034  | Washington State University                               |                              |
| 47.076      | I                | 8,293                | Education and Human Resources   | Subaward No: S52100000049658   | University of Massachusetts at Lowell                     |                              |
| 47.079      | D                | 36,874               | Office of International Science and Engineering   |                                |   |                              |
| 47.083      | D                | 108,730              | Integrative Activities  |                                |   |                              |
| 47.083      | I                | 2,905                | Integrative Activities  | Subaward No: MSU_NCANT_40614   | Morgan State University                                   |                              |
| 47.083      | I                | 559,164              | Integrative Activities  | Subaward No: R125369/SPC-10000 | Ohio State University                                     |                              |
| 47.RD       | I                | 4,000                | U. S. National Science Foundation   | #00000240/106                  | VentureWell   | G-281313                     |
| 47.RD       | I                | 4,236                | U. S. National Science Foundation   | CHECK # 49155760               | University of Maryland                                    | G-280957                     |
| 47.RD       | I                | 2,026                | U. S. National Science Foundation   | Grant #26255-22                | VentureWell   | G-281342                     |
| 47.RD       | I                | 61,837               | U. S. National Science Foundation   | POD19883                       | Morgan State University                                   | G-281193                     |
| 47.RD       | I                | 248,351              | U. S. National Science Foundation   | Subaward No: SPC-1000007374    | Ohio State University                                     | G-281335                     |
| 47.RD       | I                | 85,635               | U. S. National Science Foundation   | Subcontract No.D9104-S1        | Georgia Tech Research Institute                           | G-281196                     |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number     | Pass-Through Entity Name                          | Additional Award Information |
|-------------|------------------|----------------------|---|--------------------------------|---|------------------------------|
| 66.509      | D                | 392,031              | Science To Achieve Results (STAR) Research Program  |                                |   |                              |
| 81.049      | D                | 1,380,737            | Office of Science Financial Assistance Program  |                                |   |                              |
| 81.086      | I                | 101,171              | Conservation Research and Development   | Subaward No: 11257-GR          | Worcester Polytechnic Institute                   |                              |
| 81.089      | D                | 133,980              | Fossil Energy Research and Development  |                                |   |                              |
| 81.123      | D                | 1,253,111            | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program   |                                |   |                              |
| 81.123      | I                | 231,675              | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program   | Subaward No: 1000004070        | The University of Texas at San Antonio            |                              |
| 81.123      | I                | 32,864               | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program   | Subaward No: 226160676b        | University of Texas at El Paso                    |                              |
| 81.RD       | I                | 13,908               | U. S. Department of Energy  | Agreement # SUB-2022-10351     | DOE National Renewable Energy Laboratory (NREL)   | G-281296                     |
| 81.RD       | I                | (3,936)              | U. S. Department of Energy  | P.O. # 2244761                 | DOE Sandia National Laboratories                  | G-281181                     |
| 81.RD       | I                | 105,826              | U. S. Department of Energy  | P.O. # 2309786                 | DOE Sandia National Laboratories                  | G-281261                     |
| 81.RD       | I                | 139,004              | U. S. Department of Energy  | P.O. # 2311035                 | DOE Sandia National Laboratories                  | G-281247                     |
| 81.RD       | I                | 40,202               | U. S. Department of Energy  | P.O. # 2429142                 | DOE Sandia National Laboratories                  | G-281344                     |
| 81.RD       | I                | 92,047               | U. S. Department of Energy  | P.O. 2349146                   | DOE Sandia National Laboratories                  | G-281267                     |
| 81.RD       | I                | 37,935               | U. S. Department of Energy  | P.O.# 2230182                  | DOE Sandia National Laboratories                  | G-281172                     |
| 81.RD       | I                | 37,103               | U. S. Department of Energy  | PO #146694                     | Fluor Marine Propulsion, LLC                      | G-281317                     |
| 81.RD       | I                | (14,035)             | U. S. Department of Energy  | PO# 135117                     | Fluor Marine Propulsion, LLC                      | G-270148                     |
| 81.RD       | I                | 88,888               | U. S. Department of Energy  | PO# 2330062                    | DOE Sandia National Laboratories                  | G-281257                     |
| 81.RD       | I                | 3,466                | U. S. Department of Energy  | Subaward No: W911SR-14-2-0001  | MSRDC   | G-281352                     |
| 81.RD       | I                | 91,140               | U. S. Department of Energy  | Subcontract # EE-0009793-NCAT  | TreadStone Technologies, Inc                      | G-281278                     |
| 81.RD       | I                | 24,998               | U. S. Department of Energy  | Subcontract No: 4000182500     | DOE Oak Ridge National Laboratories               | G-281147                     |
| 81.RD       | I                | 111,845              | U. S. Department of Energy  | Subcontract No: B647042        | DOE Lawrence Livermore National Laboratory (LLNL) | G-270177                     |
| 81.RD       | I                | 14,179               | U. S. Department of Energy  | TOA # 0000602156               | Department of Energy (DOE)                        | G-270201                     |
| 81.RD       | I                | 10,654               | U. S. Department of Energy  | TOA/PO No: 0000403064          | Savannah River Nuclear Solutions                  | G-281053                     |
| 84.007      | D                | 1,067,235            | Federal Supplemental Educational Opportunity Grants   |                                |   |                              |
| 84.031      | D                | 14,349,177           | Higher Education Institutional Aid  |                                |   |                              |
| 84.033      | D                | 181,184              | Federal Work-Study Program  |                                |   |                              |
| 84.042      | D                | 302,482              | TRIO Student Support Services   |                                |   |                              |
| 84.044      | D                | 251,927              | TRIO Talent Search  |                                |   |                              |
| 84.047      | D                | 484,065              | TRIO Upward Bound   |                                |   |                              |
| 84.063      | D                | 30,060,531           | Federal Pell Grant Program  |                                |   |                              |
| 84.120      | D                | 239,400              | Minority Science and Engineering Improvement  |                                |   |                              |
| 84.129      | D                | 77,943               | Rehabilitation Long-Term Training   |                                |   |                              |
| 84.217      | D                | 19,791               | TRIO McNair Post-Baccalaureate Achievement  |                                |   |                              |
| 84.268      | D                | 80,895,407           | Federal Direct Student Loans  |                                |   |                              |
| 84.325      | D                | 168,740              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                                      |                                |   |                              |
| 84.336      | D                | 405,532              | Teacher Quality Partnership Grants  |                                |   |                              |
| 84.336      | I                | 16,983               | Teacher Quality Partnership Grants  | Subaward No: A23-0010-S0001    | High Point University                             |                              |
| 84.336      | I                | 260,044              | Teacher Quality Partnership Grants  | Subaward No: U336S180027-01    | High Point University                             |                              |
| 84.379      | D                | 34,720               | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |                                |   |                              |
| 84.425E     | D                | 14,582,420           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                                  |                                |   |                              |
| 84.425F     | D                | 3,334,901            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                            |                                |   |                              |
| 84.425F     | D                | 9,721,770            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                            |                                |   |                              |
| 84.425J     | D                | 13,095,895           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                            |                                |   |                              |
| 84.425J     | D                | 13,894,951           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Historically Black Colleges and Universities (HBCUs) |                                |   |                              |
| 84.RD       | I                | 11,807               | U. S. Department of Education   | SUBCONTRACT DATED 10/27/2014   | Langston University                               | G-281293                     |
| 93.113      | I                | 29,867               | Environmental Health  | SUBAWARD# 1-340-0215502-52722L | Research Triangle Institute                       |                              |
| 93.242      | I                | 3,960                | Mental Health Research Grants   | Subaward No: 13673sc           | University Of California at San Francisco         |                              |
| 93.243      | I                | 7,315                | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | Subaward No: NCATFY22          | Governors State University                        |                              |
| 93.262      | I                | 5,253                | Occupational Safety and Health Program  | Email dated 10/16/19           | University of Kentucky                            |                              |
| 93.273      | D                | 108,621              | Alcohol Research Programs   |                                |   |                              |
| 93.279      | D                | 468,640              | Drug Abuse and Addiction Research Programs  |                                |   |                              |
| 93.279      | I                | 66,204               | Drug Abuse and Addiction Research Programs  | Subaward No: 21-A0-S1-007258   | New York University School of Medicine            |                              |
| 93.286      | D                | 121,340              | Discovery and Applied Research for Technological Innovations to Improve Human Health  |                                |   |                              |
| 93.398      | I                | 11,666               | Cancer Research Manpower  | Subaward No: WFUHS 114319      | Wake Forest University Baptist Medical Center     |                              |

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|--|------------------|----------------------|--|--------------------------------|---|------------------------------|
| 93.433                                   | D                | 65,241               | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                              |                                |   |                              |
| 93.732                                   | D                | 594,869              | Mental and Behavioral Health Education and Training Grants   |                                |   |                              |
| 93.837                                   | I                | 2,060                | Cardiovascular Diseases Research   | Subaward No: 100-1091654-90560 | SUNY Research Foundation                                    |                              |
| 93.837                                   | I                | 79,438               | Cardiovascular Diseases Research   | Subaward No: 1GG013681-01      | Columbia University   |                              |
| 93.838                                   | D                | 322,020              | Lung Diseases Research   |                                |   |                              |
| 93.839                                   | D                | 96,622               | Blood Diseases and Resources Research  |                                |   |                              |
| 93.845                                   | I                | 26,738               | Promoting Population Health through Increased Capacity in Alcohol Epidemiology                                     | Subcontract No: 4426-003S      | University of Central Arkansas                              |                              |
| 93.847                                   | D                | 206,404              | Diabetes, Digestive, and Kidney Diseases Extramural Research   |                                |   |                              |
| 93.847                                   | I                | 91,142               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | Subaward No. 56-120370-442531  | Wake Forest University                                      |                              |
| 93.859                                   | D                | 1,579,966            | Biomedical Research and Research Training  |                                |   |                              |
| 93.865                                   | D                | 86,130               | Child Health and Human Development Extramural Research   |                                |   |                              |
| 93.866                                   | I                | 24,296               | Aging Research   | Subaward No: Overman 21-001    | Elon University   |                              |
| 93.925                                   | D                | 557,878              | Scholarships for Health Professions Students from Disadvantaged Backgrounds  |                                |   |                              |
| 93.982                                   | D                | 193,052              | Mental Health Disaster Assistance and Emergency Mental Health  |                                |   |                              |
| 93.RD                                    | I                | 47,026               | U. S. Department of Health and Human Services  | 75N95022P0077                  | NIH National Institute of Neurological Disorders and Stroke | G-250319                     |
| 97.061                                   | I                | 82,515               | Centers for Homeland Security  | Subaward No: ASUB00000365      | Arizona State University                                    |                              |
| 97.RD                                    | I                | 49,920               | U. S. Department of Homeland Security  | Document dated 12/16/2021      | Oak Ridge Institute for Science and Education               | G-270188                     |
| 98.001                                   | I                | 10,465               | USAID Foreign Assistance for Programs Overseas   | Subaward No: 100538-18021      | University Of Illinois-Urbana-Champaign                     |                              |
|  |                  | <u>227,452,577</u>   | Total - North Carolina Agricultural & Technical State University   |                                |   |                              |
| <b>North Carolina Central University</b> |                  |                      |  |                                |   |                              |
| 10.310                                   | D                | 260,887              | Agriculture and Food Research Initiative (AFRI)  |                                |   |                              |
| 11.028                                   | D                | 100,069              | Connecting Minority Communities Pilot Program  |                                |   |                              |
| 11.307                                   | D                | 262,447              | Economic Adjustment Assistance   |                                |   |                              |
| 11.619                                   | I                | 403,662              | Arrangements for Interdisciplinary Research Infrastructure   | PAA ARP-04                     | NIMBL   |                              |
| 12.431                                   | D                | 47,178               | Basic Scientific Research  |                                |   |                              |
| 12.431                                   | I                | 58,968               | Basic Scientific Research  | 303-000788                     | US Department of the Army                                   |                              |
| 12.630                                   | I                | 296,555              | Basic, Applied, and Advanced Research in Science and Engineering   | W911SR-14-2-0001               | MSI Consortium  |                              |
| 45.024                                   | D                | 15,121               | Promotion of the Arts Grants to Organizations and Individuals  |                                |   |                              |
| 45.162                                   | D                | 33,556               | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development                             |                                |   |                              |
| 45.313                                   | D                | 26,091               | Laura Bush 21st Century Librarian Program  |                                |   |                              |
| 47.041                                   | D                | 285,452              | Engineering  |                                |   |                              |
| 47.041                                   | I                | 17,160               | Engineering  | 1534779                        | Ethaphase   |                              |
| 47.049                                   | D                | 1,343,611            | Mathematical and Physical Sciences   |                                |   |                              |
| 47.049                                   | I                | 13,712               | Mathematical and Physical Sciences   | 337 - 0024                     | Duke University   |                              |
| 47.050                                   | D                | 109,267              | Geosciences  |                                |   |                              |
| 47.070                                   | D                | 24,711               | Computer and Information Science and Engineering   |                                |   |                              |
| 47.070                                   | I                | 121                  | Computer and Information Science and Engineering   | 333-000029                     | Duke University   |                              |
| 47.074                                   | D                | 66,726               | Biological Sciences  |                                |   |                              |
| 47.075                                   | D                | 5,537                | Social, Behavioral, and Economic Sciences  |                                |   |                              |
| 47.076                                   | D                | 1,053,127            | Education and Human Resources  |                                |   |                              |
| 47.083                                   | D                | 43,130               | Integrative Activities   |                                |   |                              |
| 81.049                                   | D                | 236,318              | Office of Science Financial Assistance Program   |                                |   |                              |
| 81.123                                   | D                | 933,402              | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                        |                                |   |                              |
| 84.007                                   | D                | 1,093,428            | Federal Supplemental Educational Opportunity Grants  |                                |   |                              |
| 84.031                                   | D                | 9,377,385            | Higher Education Institutional Aid   |                                |   |                              |
| 84.033                                   | D                | 892,261              | Federal Work-Study Program   |                                |   |                              |
| 84.042                                   | D                | 788,103              | TRIO Student Support Services  |                                |   |                              |
| 84.047                                   | D                | 185,263              | TRIO Upward Bound  |                                |   |                              |
| 84.063                                   | D                | 17,678,909           | Federal Pell Grant Program   |                                |   |                              |
| 84.120                                   | D                | 262,061              | Minority Science and Engineering Improvement   |                                |   |                              |
| 84.184                                   | D                | 40,925               | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)         |                                |   |                              |
| 84.217                                   | D                | 118,385              | TRIO McNair Post-Baccalaureate Achievement   |                                |   |                              |
| 84.268                                   | D                | 82,099,372           | Federal Direct Student Loans   |                                |   |                              |
| 84.305                                   | D                | 198,951              | Education Research, Development and Dissemination  |                                |   |                              |
| 84.325                                   | D                | 439,205              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities           |                                |   |                              |
| 84.379                                   | D                | 29,705               | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)                                |                                |   |                              |
| 84.425F                                  | D                | 34,298,411           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion |                                |   |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name   | Additional Award Information |
|-------------|------------------|----------------------|---|--|--|------------------------------|
| 93.143      | I                | 23,625               | NIEHS Superfund Hazardous Substances Basic Research and Education   | 303-000788   | Duke University  |                              |
| 93.242      | D                | 265,320              | Mental Health Research Grants   |  |  |                              |
| 93.243      | D                | 28,870               | Substance Abuse and Mental Health Services Projects of Regional and National Significance   |  |  |                              |
| 93.262      | I                | 72,831               | Occupational Safety and Health Program  | AWD-21-0115-S005 & 3200002145-20-170   | University of Kentucky Research Foundation                                     |                              |
| 93.273      | D                | 546,176              | Alcohol Research Programs   |  |  |                              |
| 93.273      | I                | 17,526               | Alcohol Research Programs   | A035509  | Duke University  |                              |
| 93.307      | D                | 3,817,084            | Minority Health and Health Disparities Research   |  |  |                              |
| 93.310      | D                | 843,529              | Trans-NIH Research Support  |  |  |                              |
| 93.395      | D                | 63,214               | Cancer Treatment Research   |  |  |                              |
| 93.396      | D                | 526,479              | Cancer Biology Research   |  |  |                              |
| 93.397      | D                | 352,759              | Cancer Centers Support Grants   |  |  |                              |
| 93.398      | D                | 6,329                | Cancer Research Manpower  |  |  |                              |
|             | I                | 95,119               | Allergy and Infectious Diseases Research  | 0000530 and 21-M117  | University of Wisconsin – Madison & Center for Aids Research                   |                              |
| 93.855      |                  |                      |   |  |  |                              |
| 93.859      | D                | 1,601,412            | Biomedical Research and Research Training   |  |  |                              |
| 93.865      | I                | 62,635               | Child Health and Human Development Extramural Research  | 302000151  | Duke University  |                              |
| 93.866      | D                | 10,420               | Aging Research  |  |  |                              |
| 93.866      | I                | 403,200              | Aging Research  | RES516757  | CASE Western Reserve University & Duke-UNC Alzheimer's Disease Research Center | Rural Domestic Preparedness  |
| 97.005      | I                | 156,618              | State and Local Homeland Security National Training Program   | FY16-00097-S01-NCCU, FY17-0052-S01-NCCU, FY18-0075-S01-NCCU, FY19-00048-S01-NCCU |  |                              |
| 97.062      | D                | 77,582               | Scientific Leadership Awards  |  |  |                              |
| 97.077      | I                | 46,712               | Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection | 3431024  | Duke University  |                              |
|             |                  | <u>162,156,612</u>   | Total - North Carolina Central University   |  |  |                              |

**North Carolina School of Science and Mathematics**

|        |   |                |  |  |  |  |
|--------|---|----------------|--|--|--|--|
| 21.027 | D | 435,734        | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds |  |  |  |
|        |   | <u>435,734</u> | Total - North Carolina School of Science and Mathematics     |  |  |  |

**North Carolina State University**

|        |   |           |   |                           |                              |  |
|--------|---|-----------|---|---------------------------|------------------------------|--|
| 10.001 | D | 3,753,388 | Agricultural Research Basic and Applied Research          |                           |                              |  |
| 10.001 | I | 5,506     | Agricultural Research Basic and Applied Research          | 58-8070-0-003             | USDA Ars                     |  |
| 10.025 | D | 7,718,965 | Plant and Animal Disease, Pest Control, and Animal Care   |                           |                              |  |
| 10.025 | I | (37,767)  | Plant and Animal Disease, Pest Control, and Animal Care   | 1946/PO#25013312          | Rutgers University           |  |
| 10.025 | I | 2,042     | Plant and Animal Disease, Pest Control, and Animal Care   | 1957/PO#25026025          | Rutgers University           |  |
| 10.025 | I | 41,287    | Plant and Animal Disease, Pest Control, and Animal Care   | C00076528-1               | Curators Of Univ Of Missouri |  |
| 10.025 | I | 5,725     | Plant and Animal Disease, Pest Control, and Animal Care   | SUB00002450/PO 25248307   | Rutgers University           |  |
| 10.069 | I | 7,503     | Conservation Reserve Program                              | SUB00003005               | Univ Of Georgia              |  |
| 10.168 | D | (138)     | Farmers Market Promotion Program                          |                           |                              |  |
| 10.170 | I | 95        | Specialty Crop Block Grant Program - Farm Bill            | 6059-NCSU-PDA-7029        | Pennsylvania State Univ      |  |
| 10.170 | I | (10,494)  | Specialty Crop Block Grant Program - Farm Bill            | RC109247-NCSU             | Michigan State University    |  |
| 10.175 | D | 344,654   | Farmers Market and Local Food Promotion Program           |                           |                              |  |
| 10.176 | I | 90,146    | Dairy Business Innovation Initiatives                     | 9500098216                | Univ Of Tennessee            |  |
| 10.176 | I | 40,865    | Dairy Business Innovation Initiatives                     | 9500107282                | Univ Of Tennessee            |  |
| 10.176 | I | 96,394    | Dairy Business Innovation Initiatives                     | A23-0048-S001             | Univ Of Tennessee            |  |
| 10.177 | D | 357,543   | Regional Food System Partnerships                         |                           |                              |  |
| 10.177 | I | 38,845    | Regional Food System Partnerships                         | NEXTGEN-HEMP-0000000003   | Found. For Food & Agri. Res  |  |
| 10.200 | D | 9,290,118 | Grants for Agricultural Research, Special Research Grants |                           |                              |  |
| 10.200 | I | 9,610     | Grants for Agricultural Research, Special Research Grants | 2018-38500-28888          | South Reg Aqua Ctr           |  |
| 10.200 | I | 14,021    | Grants for Agricultural Research, Special Research Grants | 2100836767                | Univ Of Florida              |  |
| 10.200 | I | 46,389    | Grants for Agricultural Research, Special Research Grants | 321673.04.05.FR20-9       | South Reg Aqua Ctr           |  |
| 10.200 | I | 50,475    | Grants for Agricultural Research, Special Research Grants | 322725321673.04.05.FR20-4 | South Reg Aqua Ctr           |  |
| 10.200 | I | (1,364)   | Grants for Agricultural Research, Special Research Grants | PO 2000754990             | Univ Of Florida              |  |
| 10.200 | I | 7,712     | Grants for Agricultural Research, Special Research Grants | PO 2000807335             | Univ Of Florida              |  |
| 10.200 | I | 962       | Grants for Agricultural Research, Special Research Grants | PO 2100819708             | Univ Of Florida              |  |
| 10.200 | I | 399       | Grants for Agricultural Research, Special Research Grants | PO 2100821807             | Univ Of Florida              |  |
| 10.200 | I | 1,636     | Grants for Agricultural Research, Special Research Grants | PO# 2000755009            | Univ Of Florida              |  |
| 10.200 | I | 1         | Grants for Agricultural Research, Special Research Grants | PO# 2000755012            | Univ Of Florida              |  |
| 10.200 | I | (1,462)   | Grants for Agricultural Research, Special Research Grants | PO# 2100863318            | Univ Of Florida              |  |
| 10.200 | I | 924       | Grants for Agricultural Research, Special Research Grants | PO#2000754404             | Univ Of Florida              |  |
| 10.200 | I | 172       | Grants for Agricultural Research, Special Research Grants | PO#2000782924             | Univ Of Florida              |  |
| 10.200 | I | (1,456)   | Grants for Agricultural Research, Special Research Grants | UMS1238                   | Univ Of Maine                |  |
| 10.200 | I | 111,037   | Grants for Agricultural Research, Special Research Grants | UMS1317                   | Univ Of Maine                |  |

State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name       | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|--------------------------------|------------------------------|
| 10.202      | D                | 1,112,839            | Cooperative Forestry Research   |                            |                                |                              |
| 10.203      | D                | 8,171,894            | Payments to Agricultural Experiment Stations Under the Hatch Act                    |                            |                                |                              |
| 10.207      | D                | 112,742              | Animal Health and Disease Research  |                            |                                |                              |
| 10.210      | D                | 359,766              | Higher Education – Graduate Fellowships Grant Program                               |                            |                                |                              |
| 10.212      | I                | 1,705                | Small Business Innovation Research  | 2018-0772                  | Highland Brewing Company       |                              |
| 10.212      | I                | 78,729               | Small Business Innovation Research  | 2020-2830                  | Synshark LLC                   |                              |
| 10.212      | I                | 18,582               | Small Business Innovation Research  | M2202707                   | Banfieldbio Inc                |                              |
| 10.215      | I                | 16,693               | Sustainable Agriculture Research and Education                                      | 3532446                    | Duke University                |                              |
| 10.215      | I                | 68,950               | Sustainable Agriculture Research and Education                                      | 419235-19071               | Virginia Polytech Inst.        |                              |
| 10.215      | I                | 14,542               | Sustainable Agriculture Research and Education                                      | H009987614                 | Univ Of Wisconsin- River Falls |                              |
| 10.215      | I                | 40,184               | Sustainable Agriculture Research and Education                                      | SUB00002015                | Univ Of Georgia                |                              |
| 10.215      | I                | 5,235                | Sustainable Agriculture Research and Education                                      | SUB00002032                | Univ Of Georgia                |                              |
| 10.215      | I                | 44,545               | Sustainable Agriculture Research and Education                                      | SUB00002040                | Board Reg Univ System Georgia  |                              |
| 10.215      | I                | 7,357                | Sustainable Agriculture Research and Education                                      | SUB00002345                | Univ Of Georgia                |                              |
| 10.215      | I                | (2,049)              | Sustainable Agriculture Research and Education                                      | SUB00002348                | Univ Of Georgia                |                              |
| 10.215      | I                | 3,536                | Sustainable Agriculture Research and Education                                      | SUB00002396                | Rafi USA                       |                              |
| 10.215      | I                | 278                  | Sustainable Agriculture Research and Education                                      | SUB00002522                | Univ Of Georgia                |                              |
| 10.215      | I                | 7,846                | Sustainable Agriculture Research and Education                                      | SUB00002568                | Univ Of Georgia                |                              |
| 10.215      | I                | 33,332               | Sustainable Agriculture Research and Education                                      | SUB00002670                | Univ Of Georgia                |                              |
| 10.215      | I                | 20,733               | Sustainable Agriculture Research and Education                                      | SUB00002671                | Univ Of Georgia                |                              |
| 10.215      | I                | 3,363                | Sustainable Agriculture Research and Education                                      | SUB00002818                | Univ Of Georgia                |                              |
| 10.215      | I                | 5,352                | Sustainable Agriculture Research and Education                                      | SUB00002856                | Univ Of Georgia                |                              |
| 10.215      | I                | 26,425               | Sustainable Agriculture Research and Education                                      | SUB00002860                | Univ Of Georgia                |                              |
| 10.215      | I                | 1,923                | Sustainable Agriculture Research and Education                                      | SUB00002915                | Univ Of Georgia                |                              |
| 10.216      | I                | 2,294                | 1890 Institution Capacity Building Grants   | KSU19-008                  | Kentucky State Univ            |                              |
| 10.217      | D                | 45,317               | Higher Education - Institution Challenge Grants Program                             |                            |                                |                              |
| 10.217      | I                | 42,804               | Higher Education - Institution Challenge Grants Program                             |                            |                                |                              |
| 10.219      | D                | 411,582              | Biotechnology Risk Assessment Research  | 2022-4-53734               | Cal Poly Corporation           |                              |
| 10.219      | I                | 99,844               | Biotechnology Risk Assessment Research  | 82936-Z5153201             | Univ Of Maryland, College Park |                              |
| 10.219      | I                | 80,125               | Biotechnology Risk Assessment Research  | SUB00002838                | Univ Of Florida                |                              |
| 10.220      | D                | 41,181               | Higher Education - Multicultural Scholars Grant Program                             |                            |                                |                              |
| 10.225      | I                | 665                  | Community Food Projects   | 2019-0315                  | Farmer Foodshare               |                              |
| 10.228      | I                | 7,438                | Alaska Native Serving and Native Hawaiian Serving Institutions Education Grants     | UAF 19-0118                | University Of Alaska Fairbanks |                              |
| 10.229      | I                | 5,609                | Extension Collaborative on Immunization Teaching & Engagement                       | 2021-2032                  | Extension Foundation           |                              |
| 10.229      | I                | 148,401              | Extension Collaborative on Immunization Teaching & Engagement                       | EXC2-2021-2108             | Extension Foundation           |                              |
| 10.229      | I                | 9,539                | Extension Collaborative on Immunization Teaching & Engagement                       | EXC3 2022-2257             | Extension Foundation           |                              |
| 10.230      | I                | 23,498               | Farm of the Future  | 9500098544                 | Univ Of Tennessee              |                              |
| 10.250      | D                | 128,477              | Agricultural and Rural Economic Research, Cooperative Agreements and Collaborations |                            |                                |                              |
| 10.253      | D                | 3,165                | Consumer Data and Nutrition Research  |                            |                                |                              |
| 10.303      | D                | 673,329              | Integrated Programs   |                            |                                |                              |
| 10.303      | I                | 21,119               | Integrated Programs   | A21-1561-S0001             | Univ Of Cal - Davis            |                              |
| 10.304      | I                | 11,518               | Homeland Security Agricultural  | SUB00002900                | Univ Of Florida                |                              |
| 10.304      | I                | 6,053                | Homeland Security Agricultural  | SUB00003516                | Univ Of Florida                |                              |
| 10.307      | D                | 509,966              | Organic Agriculture Research and Extension Initiative                               |                            |                                |                              |
| 10.307      | I                | 116,269              | Organic Agriculture Research and Extension Initiative                               | 137901-21047               | Cornell University             |                              |
| 10.307      | I                | 45,340               | Organic Agriculture Research and Extension Initiative                               | 2048-207-2012799           | Clemson University             |                              |
| 10.307      | I                | 29,443               | Organic Agriculture Research and Extension Initiative                               | F0004577402020             | Purdue University              |                              |
| 10.309      | D                | 5,960,686            | Specialty Crop Research Initiative  |                            |                                |                              |
| 10.309      | I                | 5,323                | Specialty Crop Research Initiative  | 014600.327226.04           | Mississippi State Univ         |                              |
| 10.309      | I                | 2,693                | Specialty Crop Research Initiative  | 06-M1703518                | Texas A&M Univ.                |                              |
| 10.309      | I                | 206,729              | Specialty Crop Research Initiative  | 2168-207-2023550           | Clemson University             |                              |
| 10.309      | I                | 125,726              | Specialty Crop Research Initiative  | 332.77-21.2178             | Tennessee State University     |                              |
| 10.309      | I                | 1,360                | Specialty Crop Research Initiative  | 79598-10780                | Cornell University             |                              |
| 10.309      | I                | 65,602               | Specialty Crop Research Initiative  | 92884-20619                | Cornell University             |                              |
| 10.309      | I                | 1,050                | Specialty Crop Research Initiative  | A18-0425-S003-P0671355     | Univ Of Cal - Santa Cruz       |                              |
| 10.309      | I                | 100,558              | Specialty Crop Research Initiative  | C00075394-4                | Curators Of Univ Of Missouri   |                              |
| 10.309      | I                | 127,214              | Specialty Crop Research Initiative  | M2002886                   | Texas A&M Univ.                |                              |
| 10.309      | I                | 6,049                | Specialty Crop Research Initiative  | RC107752C                  | Michigan State University      |                              |
| 10.309      | I                | 198,615              | Specialty Crop Research Initiative  | RC111377D                  | Michigan State University      |                              |
| 10.309      | I                | 281,460              | Specialty Crop Research Initiative  | RC111414B                  | Michigan State University      |                              |
| 10.309      | I                | 1,593                | Specialty Crop Research Initiative  | RC114514NCSU               | Michigan State University      |                              |
| 10.309      | I                | 51,036               | Specialty Crop Research Initiative  | S000222-NIFA               | Pennsylvania State Univ        |                              |
| 10.309      | I                | 106,384              | Specialty Crop Research Initiative  | SUB00002011                | Univ Of Florida                |                              |

State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name       | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 10.309      | I                | 117,079              | Specialty Crop Research Initiative   | SUB00002406                | Univ Of Georgia                |                              |
| 10.309      | I                | 169,342              | Specialty Crop Research Initiative   | SUBAWARD # M1900024        | Texas A&M Univ.                |                              |
| 10.310      | D                | 11,203,406           | Agriculture and Food Research Initiative (AFRI)  |                            |                                |                              |
| 10.310      | I                | 18,286               | Agriculture and Food Research Initiative (AFRI)  | 011100.327115.03           | Mississippi State Univ         |                              |
| 10.310      | I                | 4,726                | Agriculture and Food Research Initiative (AFRI)  | 025312A                    | Iowa State University          |                              |
| 10.310      | I                | 3,190                | Agriculture and Food Research Initiative (AFRI)  | 0467 PO# 864010            | Rutgers University             |                              |
| 10.310      | I                | 56,070               | Agriculture and Food Research Initiative (AFRI)  | 10010542-NCSU              | Bowling Green State University |                              |
| 10.310      | I                | (3,040)              | Agriculture and Food Research Initiative (AFRI)  | 10050723-01:PO U000257934  | Univ Of Utah                   |                              |
| 10.310      | I                | 9,754                | Agriculture and Food Research Initiative (AFRI)  | 137536-20963               | Cornell University             |                              |
| 10.310      | I                | 62,753               | Agriculture and Food Research Initiative (AFRI)  | 2                          | American Assoc Of Swine Vets   |                              |
| 10.310      | I                | 197,056              | Agriculture and Food Research Initiative (AFRI)  | 2021-67013-34537-CC-001    | Carroll College                |                              |
| 10.310      | I                | 72,470               | Agriculture and Food Research Initiative (AFRI)  | 21-4264;PO#2000055687      | Univ Of South Carolina         |                              |
| 10.310      | I                | 5,137                | Agriculture and Food Research Initiative (AFRI)  | 2297-207-2014552           | Clemson University             |                              |
| 10.310      | I                | (5,840)              | Agriculture and Food Research Initiative (AFRI)  | 3200001832-18-312          | Univ Of Kentucky               |                              |
| 10.310      | I                | 154,039              | Agriculture and Food Research Initiative (AFRI)  | 410553                     | Univ Of Connecticut            |                              |
| 10.310      | I                | (7,441)              | Agriculture and Food Research Initiative (AFRI)  | 422585-19071               | Virginia Polytech Inst.        |                              |
| 10.310      | I                | (2,142)              | Agriculture and Food Research Initiative (AFRI)  | 423551-19071               | Virginia Polytech Inst.        |                              |
| 10.310      | I                | 116,589              | Agriculture and Food Research Initiative (AFRI)  | 480                        | Florida Int'L Univ.            |                              |
| 10.310      | I                | 19,384               | Agriculture and Food Research Initiative (AFRI)  | 584753 PO# 4868039         | Univ Of Pennsylvania           |                              |
| 10.310      | I                | 49,120               | Agriculture and Food Research Initiative (AFRI)  | 6101-NCSU-USDA-9251        | Pennsylvania State Univ        |                              |
| 10.310      | I                | 18,534               | Agriculture and Food Research Initiative (AFRI)  | 91210-Z5214201             | Univ Of Maryland, College Park |                              |
| 10.310      | I                | 74,686               | Agriculture and Food Research Initiative (AFRI)  | 91660-Z5129202             | Univ Of Maryland, College Park |                              |
| 10.310      | I                | 12,930               | Agriculture and Food Research Initiative (AFRI)  | 929                        | Univ Of Wisconsin- Madison     |                              |
| 10.310      | I                | (378)                | Agriculture and Food Research Initiative (AFRI)  | 9500077010                 | Univ Of Tennessee              |                              |
| 10.310      | I                | 2,909                | Agriculture and Food Research Initiative (AFRI)  | 9500092119                 | Univ Of Tennessee              |                              |
| 10.310      | I                | 43,942               | Agriculture and Food Research Initiative (AFRI)  | 95324-Z5248201             | Univ Of Maryland, College Park |                              |
| 10.310      | I                | 137,382              | Agriculture and Food Research Initiative (AFRI)  | A19-0080-S001              | Univ Of Cal - Davis            |                              |
| 10.310      | I                | 65,692               | Agriculture and Food Research Initiative (AFRI)  | AA4673-771979              | Univ Of Idaho                  |                              |
| 10.310      | I                | 9,337                | Agriculture and Food Research Initiative (AFRI)  | C00080426-3                | Curators Of Univ Of Missouri   |                              |
| 10.310      | I                | 40,727               | Agriculture and Food Research Initiative (AFRI)  | C0612B-A                   | Oregon State Univ.             |                              |
| 10.310      | I                | 7,858                | Agriculture and Food Research Initiative (AFRI)  | F0016875202004             | Purdue University              |                              |
| 10.310      | I                | 35,496               | Agriculture and Food Research Initiative (AFRI)  | H008051401                 | Univ Of Minnesota              |                              |
| 10.310      | I                | (104)                | Agriculture and Food Research Initiative (AFRI)  | RC104967NCSU               | Michigan State University      |                              |
| 10.310      | I                | 80,664               | Agriculture and Food Research Initiative (AFRI)  | RC111302B                  | Michigan State University      |                              |
| 10.310      | I                | 2,813                | Agriculture and Food Research Initiative (AFRI)  | RC112047B                  | Michigan State University      |                              |
| 10.310      | I                | 64,032               | Agriculture and Food Research Initiative (AFRI)  | S001433-USDA               | Pennsylvania State Univ        |                              |
| 10.310      | I                | 5,722                | Agriculture and Food Research Initiative (AFRI)  | SUB00002304                | Univ Of Florida                |                              |
| 10.310      | I                | 30,359               | Agriculture and Food Research Initiative (AFRI)  | UFDSP00011871 P0051625     | Univ Of Florida                |                              |
| 10.311      | D                | 190,092              | Beginning Farmer and Rancher Development Program   |                            |                                |                              |
| 10.311      | I                | 22,046               | Beginning Farmer and Rancher Development Program   | 2020-2980                  | Organic Growers School         |                              |
| 10.311      | I                | 50,751               | Beginning Farmer and Rancher Development Program   | 549147-19071               | Virginia Polytech Inst.        |                              |
| 10.318      | D                | (1,359)              | Women and Minorities in Science, Technology, Engineering, and Mathematics Fields                                   |                            |                                |                              |
| 10.320      | I                | 2,380                | Sun Grant Program  | 3200004090-22-003          | Univ Of Kentucky Res. Found.   |                              |
| 10.320      | I                | 82,570               | Sun Grant Program  | 9500098545                 | Univ Of Tennessee              |                              |
| 10.326      | I                | 24,661               | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A539-01                  | Texas Tech University          |                              |
| 10.326      | I                | 7,296                | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A553-01                  | Texas Tech University          |                              |
| 10.326      | I                | 43,581               | Capacity Building for Non-Land Grant Colleges of Agriculture (NLGCA)   | 21A553-01 PSC              | Texas Tech University          |                              |
| 10.328      | I                | 10,911               | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 139230-21172               | Cornell University             |                              |
| 10.328      | I                | 86,873               | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 2-312-0217696-66304L       | Rti International              |                              |
| 10.328      | I                | 31,179               | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 2019-3217                  | Carolina Farm Stewardship Asso |                              |
| 10.328      | I                | 51,453               | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | 22-016522 A 00             | Univ Of Massachusetts          |                              |
| 10.328      | I                | 820                  | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | SUB00003668                | Univ Of Florida                |                              |
| 10.328      | I                | (777)                | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | UFDSP00012322              | Univ Of Florida                |                              |
| 10.328      | I                | 10,082               | National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program | UFDSP00012350 P0099377     | Univ Of Florida                |                              |
| 10.329      | D                | 1,802,265            | Crop Protection and Pest Management Competitive Grants Program   |                            |                                |                              |
| 10.329      | I                | 17,163               | Crop Protection and Pest Management Competitive Grants Program   | 2021-1808                  | Southern Region Ipm Center     |                              |
| 10.329      | I                | 20,897               | Crop Protection and Pest Management Competitive Grants Program   | 2021-1832                  | Southern Region Ipm Center     |                              |
| 10.329      | I                | 10,689               | Crop Protection and Pest Management Competitive Grants Program   | 2022-2211                  | Southern Region Ipm Center     |                              |



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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name       | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 10.329      | I                | 482                  | Crop Protection and Pest Management Competitive Grants Program                 | 2023-2012                  | Southern Region Ipm Center     |                              |
| 10.329      | I                | 24,753               | Crop Protection and Pest Management Competitive Grants Program                 | 423616-19071               | Virginia Polytech Inst.        |                              |
| 10.329      | I                | 1,739                | Crop Protection and Pest Management Competitive Grants Program                 | M2102879                   | Texas A&M Agrilife Research    |                              |
| 10.336      | D                | 3,594                | Veterinary Services Grant Program  |                            |                                |                              |
| 10.500      | D                | 17,993,901           | Cooperative Extension Service  |                            |                                |                              |
| 10.500      | I                | 17,865               | Cooperative Extension Service  | 14623                      | Univ Of Arkansas               |                              |
| 10.500      | I                | 174,224              | Cooperative Extension Service  | 3-580840.02                | Oklahoma State Univ.           |                              |
| 10.500      | I                | 33,596               | Cooperative Extension Service  | 5969-NCSU-UM-3501          | Pennsylvania State Univ        |                              |
| 10.500      | I                | 132,512              | Cooperative Extension Service  | A22-0256-S001              | Kansas State University        |                              |
| 10.500      | I                | 118,126              | Cooperative Extension Service  | A22-0394-S024              | Kansas State University        |                              |
| 10.500      | I                | 12,325               | Cooperative Extension Service  | C00067296-4                | Curators Of Univ Of Missouri   |                              |
| 10.500      | I                | 11,500               | Cooperative Extension Service  | NTAE-2021-2150             | Extension Foundation           |                              |
| 10.500      | I                | 4,759                | Cooperative Extension Service  | NTAE-2022-2223             | Extension Foundation           |                              |
| 10.500      | I                | 142                  | Cooperative Extension Service  | NTAE-2022-2227             | Extension Foundation           |                              |
| 10.500      | I                | 2,600                | Cooperative Extension Service  | NTAE-2022-2244             | Extension Foundation           |                              |
| 10.500      | I                | 14,352               | Cooperative Extension Service  | S003504-UM                 | Pennsylvania State Univ        |                              |
| 10.500      | I                | (1,021)              | Cooperative Extension Service  | S19082.01                  | Kansas State University        |                              |
| 10.500      | I                | 2,984                | Cooperative Extension Service  | SUB00002545                | Univ Of Florida                |                              |
| 10.500      | I                | 21,040               | Cooperative Extension Service  | SUB00003128                | Univ Of Georgia Res Fdn        |                              |
| 10.519      | D                | 491,560              | Equipment Grants Program (EGP)   |                            |                                |                              |
| 10.525      | I                | 96,165               | Farm and Ranch Stress Assistance Network Competitive Grants Program            | A21-0450-S010 /9500116799  | Univ Of Tennessee              |                              |
| 10.527      | D                | 36,116               | New Beginnings for Tribal Students   |                            |                                |                              |
| 10.600      | D                | 11,900               | Foreign Market Development Cooperator Program                                  |                            |                                |                              |
| 10.604      | D                | 150,588              | Technical Assistance for Specialty Crops Program                               |                            |                                |                              |
| 10.620      | D                | 1,057                | Scientific Exchanges Program   |                            |                                |                              |
| 10.620      | I                | 110,217              | Scientific Exchanges Program   | C00075895-1                | Curators Of Univ Of Missouri   |                              |
| 10.652      | D                | 115,638              | Forestry Research  |                            |                                |                              |
| 10.674      | D                | 83,441               | Wood Utilization Assistance  |                            |                                |                              |
| 10.675      | D                | 52,913               | Urban and Community Forestry Program   |                            |                                |                              |
| 10.680      | D                | 23,704               | Forest Health Protection   |                            |                                |                              |
| 10.680      | I                | (289)                | Forest Health Protection   | SUB00002605                | Univ Of Georgia                |                              |
| 10.684      | D                | 34,337               | International Forestry Programs  |                            |                                |                              |
| 10.698      | I                | 16,761               | State & Private Forestry Cooperative Fire Assistance                           | A107426                    | Nature Conservancy             |                              |
| 10.699      | D                | 347,693              | Partnership Agreements   |                            |                                |                              |
| 10.707      | D                | 211,150              | Research Joint Venture and Cost Reimbursable Agreements                        |                            |                                |                              |
| 10.777      | D                | 342,426              | Norman E. Borlaug International Agricultural Science and Technology Fellowship |                            |                                |                              |
| 10.902      | D                | 439,195              | Soil and Water Conservation  |                            |                                |                              |
| 10.902      | I                | 54,590               | Soil and Water Conservation  | 0008804/010821 PO#174479   | Univ Of Rhode Island           |                              |
| 10.902      | I                | 32,895               | Soil and Water Conservation  | 21-0657                    | National Black Farmers Assoc.  |                              |
| 10.902      | I                | 33,966               | Soil and Water Conservation  | 549158-19071               | Virginia Polytech Inst.        |                              |
| 10.903      | D                | 32,051               | Soil Survey  |                            |                                |                              |
| 10.912      | D                | 975,009              | Environmental Quality Incentives Program                                       |                            |                                |                              |
| 10.912      | I                | 19,175               | Environmental Quality Incentives Program                                       | 2022-2600                  | Nc Found For Soil & Water      |                              |
| 10.912      | I                | 31,353               | Environmental Quality Incentives Program                                       | 2287-207-2024535           | Clemson University             |                              |
| 10.912      | I                | 27,017               | Environmental Quality Incentives Program                                       | 3200004692-22-217          | Univ Of Kentucky               |                              |
| 10.912      | I                | 16,219               | Environmental Quality Incentives Program                                       | RC112449 - NCSU            | Michigan State University      |                              |
| 10.912      | I                | 14,195               | Environmental Quality Incentives Program                                       | WLFW 2019-03               | Pheasants Forever              |                              |
| 10.960      | D                | 880,290              | Technical Agricultural Assistance  |                            |                                |                              |
| 10.962      | D                | 244,782              | Cochran Fellowship Program-International Training-Foreign Participant          |                            |                                |                              |
| 10.RD       | D                | 22,129               | U. S. Department of Agriculture  |                            |                                | 19-CS-11083150-250           |
| 10.RD       | D                | 3,160                | U. S. Department of Agriculture  |                            |                                | 19-JV-11242306-117           |
| 10.RD       | D                | 14,075               | U. S. Department of Agriculture  |                            |                                | 19-PA-11081100-185           |
| 10.RD       | D                | 25,770               | U. S. Department of Agriculture  |                            |                                | 20-JV-11330160-090           |
| 10.RD       | D                | 30,263               | U. S. Department of Agriculture  |                            |                                | 20-JV-11330170-006           |
| 10.RD       | D                | 100,148              | U. S. Department of Agriculture  |                            |                                | 21-CS-11330180-034           |
| 10.RD       | D                | 24,924               | U. S. Department of Agriculture  |                            |                                | 21-JV-11272131-035           |
| 10.RD       | D                | 18,749               | U. S. Department of Agriculture  |                            |                                | 21-JV-11330180-051           |
| 10.RD       | D                | 7,043                | U. S. Department of Agriculture  |                            |                                | 21-JV-11330180-052           |
| 10.RD       | D                | 27,175               | U. S. Department of Agriculture  |                            |                                | 23-PA-11330180-049           |
| 10.RD       | D                | 200,435              | U. S. Department of Agriculture  |                            |                                | AP23PPQS&T00C006             |
| 10.RD       | I                | 130,484              | U. S. Department of Agriculture  | 1-312-0215472-52847L       | Rti International              | 1-312-0215472-52847L         |
| 10.RD       | I                | 100,895              | U. S. Department of Agriculture  | 1-312-0218827-67052L       | Rti International              | 1-312-0218827-67052L         |
| 10.RD       | I                | (3,234)              | U. S. Department of Agriculture  | 18-04-NCSU                 | Christmas Tree Promotion Board | 18-04-NCSU                   |
| 10.RD       | I                | 3,167                | U. S. Department of Agriculture  | 2023-0397                  | American Egg Board             | 2023-0397                    |

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|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 10.RD       | I                | 1,762                | U. S. Department of Agriculture  | 2023-0527                  | American Egg Board             | 2023-0527                    |
| 10.RD       | I                | 1,258                | U. S. Department of Agriculture  | 203768-783                 | Utah State University          | 203768-783                   |
| 10.RD       | I                | 2,407                | U. S. Department of Agriculture  | 22-86                      | Potatoes USA                   | 22-86                        |
| 10.RD       | I                | 415,076              | U. S. Department of Agriculture  | 511558                     | Found. For Food & Agri. Res    | 511558/2022-2667             |
| 10.RD       | I                | 49,999               | U. S. Department of Agriculture  | 511558/2022-2667           | Found. For Food & Agri. Res    | 511558/2022-2667             |
| 10.RD       | I                | (5,488)              | U. S. Department of Agriculture  | CA18-SS-000000002;534667   | Found. For Food & Agri. Res    | CA18-SS-000000002;534667     |
| 10.RD       | I                | 20,747               | U. S. Department of Agriculture  | NEXGEN-HEMP-0000000016     | Found. For Food & Agri. Res    | NEXGEN-HEMP-0000000016       |
| 10.RD       | I                | 2,660                | U. S. Department of Agriculture  | NEXGEN-HEMP-0000000003     | Found. For Food & Agri. Res    | NEXGEN-HEMP-0000000003       |
| 10.U03      | D                | 50,001               | U. S. Department of Agriculture  |                            |                                | 200-1035-100-00169           |
| 10.U04      | D                | 8,433                | U. S. Department of Agriculture  |                            |                                | 2023-2599                    |
| 10.U05      | D                | 9,053                | U. S. Department of Agriculture  |                            |                                | 2022-1310                    |
| 10.U06      | I                | 12,364               | U. S. Department of Agriculture  | 2023-0270                  | American Farmland Trust        | 2023-0270                    |
| 10.U07      | I                | 7,725                | U. S. Department of Agriculture  | 2023-0270                  | American Farmland Trust        | 2023-0270                    |
| 10.U08      | I                | 14,759               | U. S. Department of Agriculture  | PAM-P21-002987             | Global Agri Development Corp   | PAM-P21-002987               |
| 11.008      | I                | 10,690               | NOAA Mission-Related Education Awards  | 343-000091                 | Duke University                |                              |
| 11.012      | I                | 46,298               | Integrated Ocean Observing System (IOOS)   | 22-4626 PO 2000060713      | Univ Of South Carolina         |                              |
| 11.012      | I                | 180,879              | Integrated Ocean Observing System (IOOS)   | IOOS.21(097)NCSU.RH.MOD.1  | Secoora                        |                              |
| 11.307      | D                | 302,941              | Economic Adjustment Assistance   |                            |                                |                              |
| 11.405      | I                | 8,779                | Cooperative Institute (Inter-Agency Funded Activities)   | 119812-Z7646201            | Univ Of Maryland, College Park |                              |
| 11.405      | I                | 361,655              | Cooperative Institute (Inter-Agency Funded Activities)   | 121327-Z7648201            | Univ Of Maryland, College Park |                              |
| 11.417      | D                | 832,225              | Sea Grant Support  |                            |                                |                              |
| 11.417      | I                | 14,604               | Sea Grant Support  | 0009046/021521/ PO#174738  | Univ Of Rhode Island           |                              |
| 11.417      | I                | 61,447               | Sea Grant Support  | 015901.340594.02           | Mississippi State Univ         |                              |
| 11.417      | I                | 241,052              | Sea Grant Support  | A21-220-S005-A01           | Univ Of South Alabama          |                              |
| 11.417      | I                | 4,046                | Sea Grant Support  | SUB00002687                | Univ Of Georgia                |                              |
| 11.417      | I                | 126,752              | Sea Grant Support  | SUB00002693                | Univ Of Florida                |                              |
| 11.419      | I                | 11,634               | Coastal Zone Management Administration Awards  | SUBK00018013 PO3007325893  | Univ Of Michigan               |                              |
| 11.420      | D                | 42,597               | Coastal Zone Management Estuarine Research Reserves  |                            |                                |                              |
| 11.427      | D                | 149,599              | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program |                            |                                |                              |
| 11.427      | I                | 20                   | Fisheries Development and Utilization Research and Development Grants and Cooperative Agreements Program | 91618-Z7588203             | Univ Of Maryland Eastern Shore |                              |
| 11.431      | D                | 1,038,037            | Climate and Atmospheric Research   |                            |                                |                              |
| 11.431      | I                | (6,950)              | Climate and Atmospheric Research   | 35-5420-2005-001           | Univ Of Nebraska Medical Ctr   |                              |
| 11.431      | I                | 15,215               | Climate and Atmospheric Research   | 35-5420-2005-002           | Univ Of Nebraska Medical Ctr   |                              |
| 11.432      | I                | 9,817,511            | National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes                            | 80843-Z7553201             | Univ Of Maryland, College Park |                              |
| 11.451      | I                | 22,561               | Gulf Coast Ecosystem Restoration Science, Observation, Monitoring, and Technology                        | A19-0206-S004-A03          | Univ Of South Alabama          |                              |
| 11.454      | D                | 240                  | Unallied Management Projects   |                            |                                |                              |
| 11.468      | D                | 46,919               | Applied Meteorological Research  |                            |                                |                              |
| 11.468      | I                | 87,612               | Applied Meteorological Research  | S2020-140                  | Synoptic Data                  |                              |
| 11.472      | I                | 7,473                | Unallied Science Program   | IERP 62/F2162-04           | North Pacific Research Board   |                              |
| 11.472      | I                | (119)                | Unallied Science Program   | SA07432184 PO97462         | University Of Maryland - Ces   |                              |
| 11.473      | I                | 262                  | Office for Coastal Management  | NCOU A108605 1122023       | Nature Conservancy             |                              |
| 11.474      | I                | 10,610               | Atlantic Coastal Fisheries Cooperative Management Act  | 18-501                     | Asmfc                          |                              |
| 11.478      | D                | 24,455               | Center for Sponsored Coastal Ocean Research Coastal Ocean Program  |                            |                                |                              |
| 11.609      | D                | 385,728              | Measurement and Engineering Research and Standards   |                            |                                |                              |
| 11.611      | D                | 3,602,861            | Manufacturing Extension Partnership  |                            |                                |                              |
| 11.619      | D                | 2,120,021            | Arrangements for Interdisciplinary Research Infrastructure   |                            |                                |                              |
| 11.619      | I                | 874,408              | Arrangements for Interdisciplinary Research Infrastructure   | 22-B-0040 PO#981           | Affoa                          |                              |
| 11.619      | I                | 39,911               | Arrangements for Interdisciplinary Research Infrastructure   | 22-B-0040 PO#982           | Affoa                          |                              |
| 11.619      | I                | 4,866                | Arrangements for Interdisciplinary Research Infrastructure   | NMBL1209 UDR0000358        | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 206,384              | Arrangements for Interdisciplinary Research Infrastructure   | PO# UDR0000028 PC4.1-116   | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 19,936               | Arrangements for Interdisciplinary Research Infrastructure   | SUBAWARD # 45781           | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 236,162              | Arrangements for Interdisciplinary Research Infrastructure   | UDR0000035 ARP-6           | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 2,285                | Arrangements for Interdisciplinary Research Infrastructure   | UDR0000047 PC5.1-001       | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 182,209              | Arrangements for Interdisciplinary Research Infrastructure   | UDR0000084 NMBL 1008       | NIIMBL - Univ Of Delaware      |                              |
| 11.619      | I                | 607,216              | Arrangements for Interdisciplinary Research Infrastructure   | UDR0000334                 | NIIMBL - Univ Of Delaware      |                              |
| 11.RD       | I                | 3,007                | U. S. Department of Commerce   | OS00001122 / SPC-003041    | Univ Of Miami                  | OS00001122 / SPC-003041      |
| 12.300      | D                | 3,453,486            | Basic and Applied Scientific Research  |                            |                                |                              |
| 12.300      | I                | 12,248               | Basic and Applied Scientific Research  | 03841-NCSU                 | University Of Akron            |                              |
| 12.300      | I                | 87,664               | Basic and Applied Scientific Research  | 04449-NCSU                 | University Of Akron            |                              |
| 12.300      | I                | 228,314              | Basic and Applied Scientific Research  | 130417-5114575             | Harvard University             |                              |
| 12.300      | I                | 164,765              | Basic and Applied Scientific Research  | 1559313 PO#1001384986      | Univ Of Colorado - Boulder     |                              |

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|-------------|------------------|----------------------|---|----------------------------|--------------------------------|------------------------------|
| 12.300      | I                | 108,361              | Basic and Applied Scientific Research   | 313-1091                   | Duke University                |                              |
| 12.300      | I                | 49,256               | Basic and Applied Scientific Research   | 503409-78050               | Northeastern University        |                              |
| 12.300      | I                | 30,722               | Basic and Applied Scientific Research   | ASUB0000772                | Arizona State Univ.            |                              |
| 12.300      | I                | 6,111                | Basic and Applied Scientific Research   | W9126G-17-2-0025           | Cooperative Ecosystem Studies  |                              |
| 12.300      | I                | 59,701               | Basic and Applied Scientific Research   | X20-801009-NCSU            | Nat'L. Inst. Of Aerospace      |                              |
| 12.330      | D                | 235,586              | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |                            |                                |                              |
| 12.355      | D                | 806,420              | Pest Management and Vector Control Research   |                            |                                |                              |
| 12.357      | I                | 25,025               | ROTC Language and Culture Training Grants   | PGO1801-NCSU-12-PGO-051-P  | Institute Of Int'L Education   |                              |
| 12.357      | I                | 347,014              | ROTC Language and Culture Training Grants   | PGO1801NCSU-12-PGO051-PO6  | Institute Of Int'L Education   |                              |
| 12.420      | D                | 388,699              | Military Medical Research and Development   |                            |                                |                              |
| 12.431      | D                | 2,434,418            | Basic Scientific Research   |                            |                                |                              |
| 12.431      | I                | 34,258               | Basic Scientific Research   | 0160 G UA560               | Univ Of California-Los Angeles |                              |
| 12.431      | I                | 87,417               | Basic Scientific Research   | 2004717319                 | Johns Hopkins University       |                              |
| 12.431      | I                | 13,077               | Basic Scientific Research   | 2019-3029                  | Aded LLC                       |                              |
| 12.431      | I                | 22,836               | Basic Scientific Research   | 277-33092-10000115190      | Wake Forest University         |                              |
| 12.431      | I                | 60,868               | Basic Scientific Research   | 450760-19071               | Virginia Polytech Inst.        |                              |
| 12.431      | I                | 58,611               | Basic Scientific Research   | 92689116 /SCON-00001540    | Univ Of Southern Cal           |                              |
| 12.431      | I                | 26,851               | Basic Scientific Research   | ADDENDUM NO. 1             | Univ Of South Florida          |                              |
| 12.560      | I                | 55                   | DOD, NDEP, DOTC-STEM Education Outreach Implementation  | NP012                      | Ncase                          |                              |
| 12.560      | I                | 28                   | DOD, NDEP, DOTC-STEM Education Outreach Implementation  | NP012A                     | Ncase                          |                              |
| 12.560      | I                | 1,238                | DOD, NDEP, DOTC-STEM Education Outreach Implementation  | NP012B                     | Ncase                          |                              |
| 12.600      | D                | 897,026              | Community Investment  |                            |                                |                              |
| 12.610      | I                | 13,772               | Community Economic Adjustment Assistance for Compatible Use and Joint Land Use Studies          | NCOUA103118P1217314-1-202  | Nature Conservancy             |                              |
| 12.630      | D                | 132,879              | Basic, Applied, and Advanced Research in Science and Engineering                                |                            |                                |                              |
| 12.630      | I                | 102,317              | Basic, Applied, and Advanced Research in Science and Engineering                                | 204398-814                 | Utah State University          |                              |
| 12.630      | I                | 50,368               | Basic, Applied, and Advanced Research in Science and Engineering                                | HQ072721P0023              | Technology Holding, LLC        |                              |
| 12.630      | I                | 97,025               | Basic, Applied, and Advanced Research in Science and Engineering                                | SUB00002922                | Univ Of Florida                |                              |
| 12.632      | I                | 74,479               | Legacy Resource Management Program  | 22-00397                   | U.S. Endow For Forest & Comm.  |                              |
| 12.632      | I                | 38,185               | Legacy Resource Management Program  | E18-91                     | U.S. Endow For Forest & Comm.  |                              |
| 12.800      | D                | 2,307,567            | Air Force Defense Research Sciences Program   |                            |                                |                              |
| 12.800      | I                | 114,342              | Air Force Defense Research Sciences Program   | 6122-NCSU-AFOSR-0295       | Pennsylvania State Univ        |                              |
| 12.800      | I                | 3,091                | Air Force Defense Research Sciences Program   | 879                        | Affoa                          |                              |
| 12.800      | I                | 323,077              | Air Force Defense Research Sciences Program   | AWD100348 (SUB00000078)    | Univ Of Chicago                |                              |
| 12.800      | I                | 71,758               | Air Force Defense Research Sciences Program   | C-5067/FAM01-0000204611    | FAMU-FSU                       |                              |
| 12.800      | I                | 22,705               | Air Force Defense Research Sciences Program   | E-PC01-A-03-0052-01        | Biomade                        |                              |
| 12.800      | I                | 39,620               | Air Force Defense Research Sciences Program   | EPCA01-01-0087             | Biomade                        |                              |
| 12.800      | I                | 55,424               | Air Force Defense Research Sciences Program   | NB 18-21-31                | Nbmc / Semi                    |                              |
| 12.901      | D                | 63,813               | Mathematical Sciences Grants  |                            |                                |                              |
| 12.902      | D                | 534,356              | Information Security Grants   |                            |                                |                              |
| 12.905      | D                | 755,785              | CyberSecurity Core Curriculum   |                            |                                |                              |
| 12.910      | D                | 905,259              | Research and Technology Development   |                            |                                |                              |
| 12.910      | I                | 95,931               | Research and Technology Development   | 1563538 PO# 1001794171     | Univ Of Colorado - Boulder     | 110309                       |
| 12.910      | I                | 54,867               | Research and Technology Development   | ASUB00000246               | Arizona State Univ.            | 2023-1316                    |
| 12.910      | I                | 5,492                | Research and Technology Development   | D20T-24-0327               | Brimrose Technology Corp       | 2023-2704                    |
| 12.910      | I                | (5,186)              | Research and Technology Development   | GG12339.169274             | Univ Of Virginia               | 208589 OS                    |
| 12.910      | I                | 123,534              | Research and Technology Development   | SCON-00003179              | Univ Of Southern Cal           | 22-069 CH CODE 1528-012      |
| 12.RD       | D                | 7,174                | U. S. Department of Defense   |                            |                                | 2260815                      |
| 12.RD       | D                | 44,813               | U. S. Department of Defense   |                            |                                | 25183004                     |
| 12.RD       | D                | 99,575               | U. S. Department of Defense   |                            |                                | 38617.1                      |
| 12.RD       | D                | 82,426               | U. S. Department of Defense   |                            |                                | 4000(184)/2019-0907          |
| 12.RD       | D                | 117,165              | U. S. Department of Defense   |                            |                                | 683JJ3195003                 |
| 12.RD       | D                | 162,638              | U. S. Department of Defense   |                            |                                | 68HE0B22P0086                |
| 12.RD       | D                | 91,135               | U. S. Department of Defense   |                            |                                | 68HE0B22P0248                |
| 12.RD       | D                | 9,118                | U. S. Department of Defense   |                            |                                | 68HERC22C0057                |
| 12.RD       | D                | 26,000               | U. S. Department of Defense   |                            |                                | 68HERH22P0107                |
| 12.RD       | D                | 65,102               | U. S. Department of Defense   |                            |                                | 693JJ319D00031               |
| 12.RD       | D                | 68,314               | U. S. Department of Defense   |                            |                                | 69A3551747104                |
| 12.RD       | D                | 112,472              | U. S. Department of Defense   |                            |                                |                              |
| 12.RD       | D                | 22,607               | U. S. Department of Defense   |                            |                                |                              |
| 12.RD       | D                | 187,676              | U. S. Department of Defense   |                            |                                |                              |
| 12.RD       | D                | 6,261                | U. S. Department of Defense   |                            |                                |                              |
| 12.RD       | D                | 212,326              | U. S. Department of Defense   |                            |                                |                              |

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|-------------|------------------|----------------------|-----------------------------|----------------------------|--------------------------------|------------------------------|
| 12.RD       | D                | 165,646              | U. S. Department of Defense |                            |                                | 7-312-0217117-66204L         |
| 12.RD       | D                | 38,019               | U. S. Department of Defense |                            |                                | 80NSSC22PA969                |
| 12.RD       | D                | 260,181              | U. S. Department of Defense |                            |                                | 80NSSC22PB144                |
| 12.RD       | D                | 54,035               | U. S. Department of Defense |                            |                                | 89233218CNA000001            |
| 12.RD       | D                | 27,248               | U. S. Department of Defense |                            |                                | A97EJ PO 5077174031          |
| 12.RD       | D                | 246,249              | U. S. Department of Defense |                            |                                | AMEND #45 / UFDSP00011674    |
| 12.RD       | D                | 13,892               | U. S. Department of Defense |                            |                                | BOA NO 420000036             |
| 12.RD       | D                | 48,112               | U. S. Department of Defense |                            |                                | C15-2B00-NCSU-202062-NCSU    |
| 12.RD       | D                | 110,623              | U. S. Department of Defense |                            |                                | C15-2B00-NCSU-302003-NCSU    |
| 12.RD       | D                | 151,258              | U. S. Department of Defense |                            |                                | CW23583 PO 4000198008        |
| 12.RD       | D                | 57,825               | U. S. Department of Defense |                            |                                | DE-AC-02-06CH11357           |
| 12.RD       | D                | (6,329)              | U. S. Department of Defense |                            |                                | DE-AC05-76RL01830            |
| 12.RD       | D                | 45,173               | U. S. Department of Defense |                            |                                | ECCS-2243079                 |
| 12.RD       | D                | 777,106              | U. S. Department of Defense |                            |                                | H98230-19-D-0012/0003        |
| 12.RD       | D                | 2,620,928            | U. S. Department of Defense |                            |                                | H98230-19-D-0012/DO-0002     |
| 12.RD       | D                | 152,568              | U. S. Department of Defense |                            |                                | H98230-19-D-0012/DO-0004     |
| 12.RD       | D                | 138,134              | U. S. Department of Defense |                            |                                | HDQMWR-22-D-0002             |
| 12.RD       | D                | 1,561                | U. S. Department of Defense |                            |                                | HR 20-05(52-04)              |
| 12.RD       | D                | 22,055               | U. S. Department of Defense |                            |                                | HST-GO-15636.004-A           |
| 12.RD       | D                | 8,042                | U. S. Department of Defense |                            |                                | HST-GO-15826.006-A           |
| 12.RD       | D                | 26,709               | U. S. Department of Defense |                            |                                | HST-GO-16730.017-A           |
| 12.RD       | D                | 25,060               | U. S. Department of Defense |                            |                                | IMLS-RIN-023-NCSU            |
| 12.RD       | D                | 51,314               | U. S. Department of Defense |                            |                                | IPA PAM-P21-000055           |
| 12.RD       | D                | 13,729               | U. S. Department of Defense |                            |                                | IPA-PAM-P20-002931           |
| 12.RD       | D                | 51,834               | U. S. Department of Defense |                            |                                | N3943021P2201                |
| 12.RD       | D                | 289,005              | U. S. Department of Defense |                            |                                | N6600122C4506                |
| 12.RD       | D                | 92,446               | U. S. Department of Defense |                            |                                | NNL09AA00A                   |
| 12.RD       | D                | 31,160               | U. S. Department of Defense |                            |                                | NNL09AA00A/80LARC17C0004     |
| 12.RD       | D                | 855,911              | U. S. Department of Defense |                            |                                | NSF-DRL-1749275              |
| 12.RD       | D                | 44,235               | U. S. Department of Defense |                            |                                | PAM-P23-002752               |
| 12.RD       | D                | 33,774               | U. S. Department of Defense |                            |                                | RLS2-NCSU-266                |
| 12.RD       | D                | 77,277               | U. S. Department of Defense |                            |                                | S-0194-D00194.00083-NCSU     |
| 12.RD       | D                | 212,863              | U. S. Department of Defense |                            |                                | S-D00194.00387-NCSU          |
| 12.RD       | D                | 317,555              | U. S. Department of Defense |                            |                                | S000633/TO-0685              |
| 12.RD       | D                | 671                  | U. S. Department of Defense |                            |                                | T3-0726-FY22                 |
| 12.RD       | D                | 122,020              | U. S. Department of Defense |                            |                                | W911QY2120001                |
| 12.RD       | D                | 69,205               | U. S. Department of Defense |                            |                                | W911QY21P0065                |
| 12.RD       | D                | 213,944              | U. S. Department of Defense |                            |                                | W912HQ21C0044                |
| 12.RD       | D                | 60,990               | U. S. Department of Defense |                            |                                | W912HQ21P0005                |
| 12.RD       | D                | (2,691)              | U. S. Department of Defense |                            |                                | W912HZ-17-2-0010             |
| 12.RD       | I                | 153,846              | U. S. Department of Defense | 025705A                    | Iowa State University          | P010267139 / TASK ORDER 1    |
| 12.RD       | I                | 105,310              | U. S. Department of Defense | 1058                       | Joint Research And Development | SCN09846 / 10102             |
| 12.RD       | I                | 99,022               | U. S. Department of Defense | 145105-22374               | Cornell University             | M2203056                     |
| 12.RD       | I                | 126,561              | U. S. Department of Defense | 167-20210819               | Cardinal Engineering           | 167-20210819                 |
| 12.RD       | I                | 88,677               | U. S. Department of Defense | 1904                       | Storagenergy Tech, Inc.        | RELEASE 24 UNDER 145661      |
| 12.RD       | I                | 66,911               | U. S. Department of Defense | 2017-SC003                 | Coherent Technical Serv, Inc.  | 499690                       |
| 12.RD       | I                | 6,164                | U. S. Department of Defense | 2020-1236                  | Haley & Aldrich, Inc.          | 147563                       |
| 12.RD       | I                | 92,926               | U. S. Department of Defense | 2021-0576                  | Adroit Materials, Inc.         | 264247 RELEASE NO. 1         |
| 12.RD       | I                | 52,647               | U. S. Department of Defense | 2021-1739                  | Dermisense                     | 264247 RELEASE NO. 2         |
| 12.RD       | I                | (7,694)              | U. S. Department of Defense | 2021-2132                  | Bear Fiber                     | DE-AC52-07NA27344 NO B650123 |
| 12.RD       | I                | 9,734                | U. S. Department of Defense | 2021-2134                  | Ida Fiber Studio               | B620596                      |
| 12.RD       | I                | (445)                | U. S. Department of Defense | 2021-2359                  | Espira, Inc                    | 508854                       |
| 12.RD       | I                | 56,118               | U. S. Department of Defense | 2021-3265                  | Next Defense Solutions         | 671726                       |
| 12.RD       | I                | 527,727              | U. S. Department of Defense | 2021-ARL-TRACA-PP-NCSU-00  | Civil-Military Innovation Inst | 2021-ARL-TRACA-PP-NCSU-00    |
| 12.RD       | I                | 48,457               | U. S. Department of Defense | 2021-ARL-TRACA-PP-NCSU-00  | Civil-Military Innovation Inst | RELEASE #4/BMA #264247       |
| 12.RD       | I                | 135,278              | U. S. Department of Defense | 2022-0601                  | Archaius LLC                   | 2022-0601                    |
| 12.RD       | I                | 46,523               | U. S. Department of Defense | 2022-1028                  | Secmaton                       | 2022-2489                    |
| 12.RD       | I                | 39,922               | U. S. Department of Defense | 2023-0204                  | Bascom Hunter Technologies Inc | TP-PO-001490 / TASK B        |
| 12.RD       | I                | 24,278               | U. S. Department of Defense | 2023-0221                  | Orgo, LLC                      | SCN09846 / 10102             |
| 12.RD       | I                | 708                  | U. S. Department of Defense | 2023-SC003                 | Coherent Technical Serv, Inc   | DE-AC05-00OR22725            |
| 12.RD       | I                | 23                   | U. S. Department of Defense | 21-1035                    | Nirsense LLC                   | DE-NE0009054                 |
| 12.RD       | I                | 40,042               | U. S. Department of Defense | 2103257-10                 | Stevens Institute Of Tech      | N000428308                   |
| 12.RD       | I                | 16,093               | U. S. Department of Defense | 2469-1                     | Intelligent Automation, Inc.   | RELEASE # 26 UNDER 145661    |
| 12.RD       | I                | 60,467               | U. S. Department of Defense | 2575-1                     | Intelligent Automation, Inc.   | RELEASE # 33 BMC #145661     |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title           | Pass-Through Entity Number | Pass-Through Entity Name      | Additional Award Information |
|-------------|------------------|----------------------|-----------------------------|----------------------------|-------------------------------|------------------------------|
| 12.RD       | I                | 94,652               | U. S. Department of Defense | 2618-2                     | Intelligent Automation, Inc.  | 4000193112                   |
| 12.RD       | I                | 1,028                | U. S. Department of Defense | 2623-1                     | Intelligent Automation, Inc.  | 606823                       |
| 12.RD       | I                | 5,834                | U. S. Department of Defense | 3953-1                     | Maxentric Technologies, LLC   | DE-EE0008806                 |
| 12.RD       | I                | 265,844              | U. S. Department of Defense | 4342-FPN-1                 | Maxentric Technologies, LLC   | W911NF21C0013                |
| 12.RD       | I                | 9,937                | U. S. Department of Defense | 4600006792                 | Aerospace Corporation         | DE-SC0021700                 |
| 12.RD       | I                | (10,123)             | U. S. Department of Defense | 501020                     | Aptim                         | CW9336 4000198565            |
| 12.RD       | I                | (4,857)              | U. S. Department of Defense | 5019                       | Water Research Foundation     | 4000192789                   |
| 12.RD       | I                | 5,261                | U. S. Department of Defense | 5100009186-1               | Bwx Technologies              | 2354748                      |
| 12.RD       | I                | 103,390              | U. S. Department of Defense | 5100009546-0               | Bwx Technologies              | SCN09846 / 10102             |
| 12.RD       | I                | 451,367              | U. S. Department of Defense | 61670                      | Vanderbilt University         | 508748                       |
| 12.RD       | I                | 57,647               | U. S. Department of Defense | 7100527354                 | MIT Lincoln Laboratory        | 2023-0745                    |
| 12.RD       | I                | 37,152               | U. S. Department of Defense | AWD-004396.GR100700        | Univ Of Virginia              | SCN09846 / 10102             |
| 12.RD       | I                | 49,202               | U. S. Department of Defense | DSC3130-02                 | Macaulay-Brown, Inc.          | B628785                      |
| 12.RD       | I                | 50,711               | U. S. Department of Defense | EXHIBIT 1C SOW 3           | Affoa                         | PO #107832                   |
| 12.RD       | I                | 13,619               | U. S. Department of Defense | FA864920P1003              | Nahsai, LLC                   | SCN09846 / 10102             |
| 12.RD       | I                | 11,788               | U. S. Department of Defense | FA8650-19-C-5212           | Wichita State Univ            | 212076-01                    |
| 12.RD       | I                | 6,011                | U. S. Department of Defense | FA8650-22-C-5029           | Nirsense LLC                  | FA8650-22-C-5029             |
| 12.RD       | I                | (5,053)              | U. S. Department of Defense | GS.1201.008.NCSU.21.02     | Tda Research, Inc.            | PO #4000192994 / CW9212      |
| 12.RD       | I                | 31,736               | U. S. Department of Defense | H98230-19-D-0012/DO-0002   | Lab For Analytic Sciences     | H98230-19-D-0012/DO-0002     |
| 12.RD       | I                | 34,305               | U. S. Department of Defense | HQ003419D003/HQ003421F0309 | Stevens Inst Of Tech          | HQ003419D003/HQ003421F0309   |
| 12.RD       | I                | 39,738               | U. S. Department of Defense | HQ003419D003/HQ003421F0309 | Stevens Institute Of Tech     | HQ003419D003/HQ003421F0309   |
| 12.RD       | I                | 8,077                | U. S. Department of Defense | HQ086023C7524              | Materials Res & Design, Inc.  | CTR-PO-2022-04; TO #1        |
| 12.RD       | I                | 176,782              | U. S. Department of Defense | HR00112290095              | Cosmic Eats Inc.              | 1871780                      |
| 12.RD       | I                | 129,831              | U. S. Department of Defense | HR0011229104               | Univ Of Central Florida       | SCN09846 / 10102             |
| 12.RD       | I                | 35,917               | U. S. Department of Defense | HR001122C0128              | Zymeron                       | 2022-0700                    |
| 12.RD       | I                | (2,157)              | U. S. Department of Defense | K002216-00-S01             | Kitware, Inc.                 | 9F-60064                     |
| 12.RD       | I                | 6,379                | U. S. Department of Defense | KR2021S4P1_NCSU            | Kairos Research LLC           | SCN09846 / 10102             |
| 12.RD       | I                | 14,368               | U. S. Department of Defense | KSC-19-019                 | Kord Technologies             | B634847                      |
| 12.RD       | I                | 2,592                | U. S. Department of Defense | M2202897                   | Ucah                          | SCN09846 / 10102             |
| 12.RD       | I                | 18,411               | U. S. Department of Defense | M2202897/HQ00342190007     | Ucah                          | M2202897/HQ00342190007       |
| 12.RD       | I                | 47,680               | U. S. Department of Defense | MARINE1                    | Technology Holding, LLC       | SCN09846 / 10102             |
| 12.RD       | I                | 70,963               | U. S. Department of Defense | N66001-21-C-4009           | Teledyne Flir                 | SCN09846 / 10102             |
| 12.RD       | I                | 109,614              | U. S. Department of Defense | N6600123C4007              | Johns Hopkins University      | SCN09846 / 10102             |
| 12.RD       | I                | 33,306               | U. S. Department of Defense | N68335-21-C-0785_NCSU      | Hepburn And Sons, LLC         | 4000196635                   |
| 12.RD       | I                | 27,920               | U. S. Department of Defense | N68335-22-C-00546          | Hepburn And Sons, LLC         | N68335-22-C-00546            |
| 12.RD       | I                | 26,150               | U. S. Department of Defense | N68335-22-C-0276           | Corvid Technologies           | DE-AC05-76RRL01830           |
| 12.RD       | I                | 54,991               | U. S. Department of Defense | N68335-22-C-0504           | Faraday Technology, Inc.      | N68335-22-C-0504             |
| 12.RD       | I                | 44,057               | U. S. Department of Defense | N6833520C0837              | Perceptronics Solutions       | 145661-34 RELEASE NO. 34     |
| 12.RD       | I                | 16,753               | U. S. Department of Defense | N6833522C0579              | Bnnt, Inc.                    | MASTER #145661-RELEASE#19    |
| 12.RD       | I                | 7,921                | U. S. Department of Defense | N6833523C0037              | Clearsens Inc.                | PO# 145512                   |
| 12.RD       | I                | 101,848              | U. S. Department of Defense | N68936-21-C-0024           | Tda Research, Inc.            | RELEASE NO. 41/BMC 145661    |
| 12.RD       | I                | (30)                 | U. S. Department of Defense | NR-K164                    | Florida Atlantic University   | RELEASE # 29 BMC #145661     |
| 12.RD       | I                | 91,494               | U. S. Department of Defense | P02735                     | Iris Technology               | RELEASE NO. 39/145661        |
| 12.RD       | I                | 29,515               | U. S. Department of Defense | PO #107832                 | Voxel Innovations, Inc.       | FA864922P0559                |
| 12.RD       | I                | 688,048              | U. S. Department of Defense | PO00150493 / 4T126         | Teledyne Scientific & Imaging | 89233218CNA000001            |
| 12.RD       | I                | 18,202               | U. S. Department of Defense | RELEASE NO. 2/ BMA 255742  | Nahsai, LLC                   | FA864920P1003                |
| 12.RD       | I                | 87,916               | U. S. Department of Defense | S-004528-01-NCSU           | Applied Research Assoc. (Ara) | PO# 107832                   |
| 12.RD       | I                | 3,238                | U. S. Department of Defense | S000633                    | Accenture                     | 2022-0588                    |
| 12.RD       | I                | (61)                 | U. S. Department of Defense | SCN09652                   | Martin Defense Group, LLC     | DE-AC05-76RRL01830           |
| 12.RD       | I                | 25,091               | U. S. Department of Defense | SCN09846 / 10102           | Dynovis, Inc.                 | PAM-P22-000387               |
| 12.RD       | I                | 76,055               | U. S. Department of Defense | SOW 1 (EXHIBIT IA)         | Affoa                         | 8F-30076                     |
| 12.RD       | I                | 50,133               | U. S. Department of Defense | SOW 2 (EXHIBIT 1B)         | Affoa                         | 145661-14                    |
| 12.RD       | I                | 7,581                | U. S. Department of Defense | SOW 2 (EXHIBIT 1B)         | Affoa                         | 4000193150                   |
| 12.RD       | I                | 41,322               | U. S. Department of Defense | SUBAWARD FOR N6833521C035  | Polyppv, LLC                  | RELEASE 35 UC 145661         |
| 12.RD       | I                | 34,957               | U. S. Department of Defense | TS21-00-2402-001           | Taitech, Inc                  | FA8650-21-F-2402             |
| 12.RD       | I                | 3,648                | U. S. Department of Defense | VADUM-19-SC-0003           | Vadum, Inc.                   | 2022-3029                    |
| 12.RD       | I                | 3,245                | U. S. Department of Defense | VADUM-19-SC-0003           | Vadum, Inc.                   | 606395                       |
| 12.RD       | I                | 60,918               | U. S. Department of Defense | VADUM-20-BEAGLE2S          | Vadum, Inc.                   | 586990                       |
| 12.RD       | I                | 5,602                | U. S. Department of Defense | VADUM-20-SCOUTER           | Vadum, Inc.                   | RELEASE NO. 37/145661        |
| 12.RD       | I                | 52,578               | U. S. Department of Defense | VADUM-21-MOCKINGBIRD_2     | Vadum, Inc.                   | RELEASE NO. 1/ BMA 255742    |
| 12.RD       | I                | 133,520              | U. S. Department of Defense | VADUM-22-SCOUTER           | Vadum, Inc.                   | VADUM-22-SCOUTER             |
| 12.RD       | I                | 29,660               | U. S. Department of Defense | W15QKN-16-3-0001           | Affoa                         | W15QKN-16-3-0001             |
| 12.RD       | I                | 28,155               | U. S. Department of Defense | W51701-23-C-0006           | Oceanit Laboratories, Inc     | CTR-PO-2022-04; TO #2        |
| 12.RD       | I                | 611                  | U. S. Department of Defense | W5170122C0006              | Aegis Power Systems, Inc.     | W5170122C0006                |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name      | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|-------------------------------|------------------------------|
| 12.RD       | I                | 216                  | U. S. Department of Defense  | W911NF-22-P-0053           | Corvid Technologies           | W911NF-22-P-0053             |
| 12.RD       | I                | 16,098               | U. S. Department of Defense  | W911NF-22-S-0001           | Amd, Inc                      | P010267139 / TASK ORDER 2    |
| 12.RD       | I                | 49,813               | U. S. Department of Defense  | W911NF22P0049              | Photocide Protection, Inc.    | W911NF22P0049                |
| 12.RD       | I                | 32,997               | U. S. Department of Defense  | W911QY-21-P-0077           | Luna Innovations, Inc         | W911QY-21-P-0077             |
| 12.RD       | I                | 130,412              | U. S. Department of Defense  | W912CG20C0008              | Adroit Materials, Inc.        | #M2100680                    |
| 12.RD       | I                | 78,450               | U. S. Department of Defense  | W912HQ22C0041              | Univ Of Delaware              | W912HQ22C0041                |
| 12.RD       | I                | 51,434               | U. S. Department of Defense  | W9132T-20-C-0002           | Eaton Corp.                   | W9132T-20-C-0002             |
| 12.RD       | I                | 1,315                | U. S. Department of Defense  | Z119/NCSU                  | Zymeron                       | RELEASE NO 38, NO. 145661    |
| 12.U05      | D                | 7,500                | U. S. Department of Defense  |                            |                               | IPA P22-002809               |
| 12.U06      | D                | 26,792               | U. S. Department of Defense  |                            |                               | H9245422P0036                |
| 12.U07      | D                | 25,000               | U. S. Department of Defense  |                            |                               | 2020-1858                    |
| 12.U08      | I                | 239                  | U. S. Department of Defense  | W911NF-17-D-006            | Applied Research Assoc. (Ara) | W911NF-17-D-006              |
| 12.U09      | I                | 26,666               | U. S. Department of Defense  | 2103424-01                 | Stevens Institute Of Tech     | 2103424-01                   |
| 12.U10      | I                | 32,325               | U. S. Department of Defense  | 882                        | Affoa                         | 882                          |
| 13.RD       | I                | 129,489              | U.S. Central Intelligence Agency   | S000633/TO-0685            | Accenture                     | S000633/TO-0685              |
| 14.906      | D                | 199,391              | Healthy Homes Technical Studies Grants   |                            |                               |                              |
| 15.232      | D                | 31,819               | Joint Fire Science Program   |                            |                               |                              |
| 15.232      | I                | 25,480               | Joint Fire Science Program   | SUB00003458                | Univ Of Florida               |                              |
| 15.423      | D                | 127,056              | Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)                |                            |                               |                              |
| 15.628      | I                | 30,594               | Multistate Conservation Grant  | F22AP00937-00              | Georgia Wildlife Federation   |                              |
| 15.654      | D                | 173,061              | National Wildlife Refuge System Enhancements                                       |                            |                               |                              |
| 15.662      | D                | 28,684               | Great Lakes Restoration  |                            |                               |                              |
| 15.663      | I                | 3,910                | NFWF-USFWS Conservation Partnership  | 8020.16.054141             | Nat'L Fish & Wildlife Found.  |                              |
| 15.678      | D                | 51,023               | Cooperative Ecosystem Studies Units  |                            |                               |                              |
| 15.805      | D                | 127,805              | Assistance to State Water Resources Research Institutes                            |                            |                               |                              |
| 15.807      | D                | 172,989              | Earthquake Hazards Program Assistance  |                            |                               |                              |
| 15.808      | D                | 321,904              | U.S. Geological Survey Research and Data Collection                                |                            |                               |                              |
| 15.808      | I                | 4,295                | U.S. Geological Survey Research and Data Collection                                | H007905702                 | Univ Of Minnesota             |                              |
| 15.810      | D                | 7,060                | National Cooperative Geologic Mapping  |                            |                               |                              |
| 15.812      | D                | 828,450              | Cooperative Research Units   |                            |                               |                              |
| 15.820      | D                | 2,014,478            | National and Regional Climate Adaptation Science Centers                           |                            |                               |                              |
| 15.945      | D                | 265,642              | Cooperative Research and Training Programs – Resources of the National Park System |                            |                               |                              |
| 15.RD       | I                | 27,898               | U. S. Department of Interior   | DSC21001                   | Delta Stewardship Council     | DSC21001                     |
| 15.U01      | D                | (1,287)              | U. S. Department of Interior   |                            |                               | IPA-PAM-P20-001528           |
| 15.U02      | I                | 117,632              | U. S. Department of Interior   | 2100186                    | Eastern Band Of The Cherokee  | 2100186                      |
| 16.560      | D                | 437,853              | National Institute of Justice Research, Evaluation, and Development Project Grants |                            |                               |                              |
| 16.560      | I                | 1,560                | National Institute of Justice Research, Evaluation, and Development Project Grants | 131506-G003990             | Washington State University   |                              |
| 16.560      | I                | (8,719)              | National Institute of Justice Research, Evaluation, and Development Project Grants | 437                        | Florida Int'L Univ.           |                              |
| 16.726      | I                | 35,473               | Juvenile Mentoring Program   | 15PJDD-21-GG-02766-MENT    | National 4-H Council          |                              |
| 17.268      | D                | 1,157,456            | H-1B Job Training Grants   |                            |                               |                              |
| 19.009      | I                | 545                  | Academic Exchange Programs - Undergraduate Programs                                | IDEAS21-NCSU01             | World Learning                |                              |
| 19.021      | I                | 57,250               | Investing in People in The Middle East and North Africa                            | 20220-22                   | Amideast                      |                              |
| 19.040      | D                | 78,742               | Public Diplomacy Programs  |                            |                               |                              |
| 19.501      | D                | 34,299               | Public Diplomacy Programs for Afghanistan and Pakistan                             |                            |                               |                              |
| 19.900      | D                | 108,650              | AEECA/ESF PD Programs  |                            |                               |                              |
| 20.109      | D                | 265,682              | Air Transportation Centers of Excellence   |                            |                               |                              |
| 20.205      | I                | 13,822               | Highway Planning and Construction  | 2019-2330                  | Triangle J County Govt        |                              |
| 20.215      | D                | 10,000               | Highway Training and Education   |                            |                               |                              |
| 20.RD       | D                | 124,804              | U. S. Department of Transportation   |                            |                               | 693JJ321C000023              |
| 20.RD       | D                | 78,567               | U. S. Department of Transportation   |                            |                               | 693JJ621C000019              |
| 20.RD       | D                | 512,486              | U. S. Department of Transportation   |                            |                               | 693JK320C000009              |
| 20.RD       | I                | 83,212               | U. S. Department of Transportation   | 110309                     | Virginia Trans. Res. Council  | 110309                       |
| 20.RD       | I                | 121,579              | U. S. Department of Transportation   | 125572                     | Virginia Trans. Res. Council  | 125572                       |
| 20.RD       | I                | 2,434                | U. S. Department of Transportation   | 2022-004                   | Toxcel, LLC                   | 2022-004                     |
| 20.RD       | I                | 1                    | U. S. Department of Transportation   | 25183004                   | Alaska Dot                    | 25183004                     |
| 20.RD       | I                | 142,958              | U. S. Department of Transportation   | 25203040                   | Alaska Dot                    | 25203040                     |
| 20.RD       | I                | 33                   | U. S. Department of Transportation   | 38617.1                    | Vanasse Hangen Brustlin, Inc. | 38617.1                      |
| 20.RD       | I                | (1,059)              | U. S. Department of Transportation   | 4000(184)/2019-0907        | Alaska Dot                    | 4000(184)/2019-0907          |
| 20.RD       | I                | 67,047               | U. S. Department of Transportation   | 683JJ3195003               | National Academy Of Sciences  | 683JJ3195003                 |
| 20.RD       | I                | 735                  | U. S. Department of Transportation   | 693JJ319D00031             | Applied Research Assoc. (Ara) | 693JJ319D00031               |
| 20.RD       | I                | 237,456              | U. S. Department of Transportation   | 69A3551747104              | Univ Of Florida               | 69A3551747104                |
| 20.RD       | I                | 13,948               | U. S. Department of Transportation   | AMEND #22 / UFDSP00011674  | Univ Of Florida               | AMEND #22 / UFDSP00011674    |
| 20.RD       | I                | 1,869                | U. S. Department of Transportation   | AMEND #29 / UFDSP00011674  | Univ Of Florida               | AMEND #29 / UFDSP00011674    |

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name       | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 20.RD       | I                | 13,273               | U. S. Department of Transportation   | AMEND #32 / UFDSP00011674  | Univ Of Florida                | AMEND #32 / UFDSP00011674    |
| 20.RD       | I                | 43,296               | U. S. Department of Transportation   | AMEND #45 / UFDSP00011674  | Univ Of Florida                | AMEND #45 / UFDSP00011674    |
| 20.RD       | I                | (1)                  | U. S. Department of Transportation   | DTFH6116D00040/38617.10    | Vanasse Hangen Brustlin, Inc.  | DTFH6116D00040/38617.10      |
| 20.RD       | I                | (532)                | U. S. Department of Transportation   | HR 20-05(52-04)            | Oregon State Univ.             | HR 20-05(52-04)              |
| 20.RD       | I                | 110,467              | U. S. Department of Transportation   | S-0194-D00194.00083-NCSU   | Applied Research Assoc. (Ara)  | S-0194-D00194.00083-NCSU     |
| 20.RD       | I                | (266,731)            | U. S. Department of Transportation   | S-769-D00099-00212-00-NCS  | Applied Research Assoc. (Ara)  | S-769-D00099-00212-00-NCS    |
| 20.RD       | I                | 488,549              | U. S. Department of Transportation   | S-D00194.00387-NCSU        | Applied Research Assoc. (Ara)  | S-D00194.00387-NCSU          |
| 20.RD       | I                | (85)                 | U. S. Department of Transportation   | UFDSP00011674              | Univ Of Florida                | UFDSP00011674                |
| 20.RD       | I                | 5,873                | U. S. Department of Transportation   | UFDSP00011674 (AMEND #12)  | Univ Of Florida                | UFDSP00011674 (AMEND #12)    |
| 21.U01      | I                | 739,970              | U. S. Department of the Treasury   | 2021-3355                  | Wake County                    | 2021-3355                    |
| 42.010      | D                | 56,958               | Teaching with Primary Sources  |                            |                                |                              |
| 43.001      | D                | 720,563              | Science  |                            |                                |                              |
| 43.001      | I                | 10,785               | Science  | 1647038                    | California Inst. Of Tech.      |                              |
| 43.001      | I                | 11,418               | Science  | 1673035                    | California Inst. Of Tech.      |                              |
| 43.001      | I                | 17,792               | Science  | 3TB325                     | South Dakota State Univ.       |                              |
| 43.001      | I                | 31,286               | Science  | 4500004123                 | Boston University              |                              |
| 43.001      | I                | 41,393               | Science  | 80NSSC22CA117              | Robocasting Enterprises        |                              |
| 43.001      | I                | 1,086                | Science  | GOO-21052X                 | Smithsonian Astrophys Observ   |                              |
| 43.001      | I                | 630                  | Science  | GOO-21057B                 | Smithsonian Astrophys Observ   |                              |
| 43.001      | I                | 8,631                | Science  | GO1-22067A                 | Smithsonian Astrophys Observ   |                              |
| 43.001      | I                | 14,703               | Science  | GO9-20067X                 | Smithsonian Astrophys Observ   |                              |
| 43.001      | I                | 47,812               | Science  | GR124828 / SPC-1000005430  | Ohio State Univ.               |                              |
| 43.001      | I                | 25,771               | Science  | RC114555NCSU               | Michigan State University      |                              |
| 43.002      | D                | 73,246               | Aeronautics  |                            |                                |                              |
| 43.002      | I                | (3,813)              | Aeronautics  | 17-3379 PO2000034205       | Univ Of South Carolina         |                              |
| 43.003      | D                | 152,482              | Exploration  |                            |                                |                              |
| 43.007      | D                | 37,686               | Space Operations   |                            |                                |                              |
| 43.007      | I                | 121,362              | Space Operations   | UT21136 (PO# 31767)        | Ohio University                |                              |
| 43.008      | D                | 695,513              | Office of Stem Engagement (OSTEM)  |                            |                                |                              |
| 43.008      | I                | 41,168               | Office of Stem Engagement (OSTEM)  | C15-2B00-NCSU-402002-NCSU  | Nat'L Inst. Of Aerospace       |                              |
| 43.012      | D                | 79,318               | Space Technology   |                            |                                |                              |
| 43.RD       | D                | 157,688              | U. S. National Aeronautics and Space Administration                                    |                            |                                | 80LARC21CA003                |
| 43.RD       | D                | 1,630                | U. S. National Aeronautics and Space Administration                                    |                            |                                | NNL09AA00A                   |
| 43.RD       | I                | 71,709               | U. S. National Aeronautics and Space Administration                                    | 22-069 CH CODE 1528-012    | Corvid Technologies            | 22-069 CH CODE 1528-012      |
| 43.RD       | I                | 4,305                | U. S. National Aeronautics and Space Administration                                    | 80NSSC22PA969              | Bnnt, LLC                      | 80NSSC22PA969                |
| 43.RD       | I                | 58,599               | U. S. National Aeronautics and Space Administration                                    | 80NSSC22PB144              | Paragon Space Development Corp | 80NSSC22PB144                |
| 43.RD       | I                | 64,849               | U. S. National Aeronautics and Space Administration                                    | C15-2B00-NCSU-202062-NCSU  | Nat'L Inst. Of Aerospace       | C15-2B00-NCSU-202062-NCSU    |
| 43.RD       | I                | 67,239               | U. S. National Aeronautics and Space Administration                                    | C15-2B00-NCSU-302003-NCSU  | Nat'L Inst. Of Aerospace       | C15-2B00-NCSU-302003-NCSU    |
| 43.RD       | I                | (2,273)              | U. S. National Aeronautics and Space Administration                                    | HST-GO-15636.004-A         | Space Telescope Science Inst   | HST-GO-15636.004-A           |
| 43.RD       | I                | 7,308                | U. S. National Aeronautics and Space Administration                                    | HST-GO-15826.006-A         | Space Telescope Science Inst   | HST-GO-15826.006-A           |
| 43.RD       | I                | 11,365               | U. S. National Aeronautics and Space Administration                                    | HST-GO-16730.017-A         | Space Telescope Science Inst   | HST-GO-16730.017-A           |
| 43.RD       | I                | 26,597               | U. S. National Aeronautics and Space Administration                                    | NNL09AA00A/80LARC17C0004   | Nat'L Inst. Of Aerospace       | NNL09AA00A/80LARC17C0004     |
| 43.RD       | I                | 30,215               | U. S. National Aeronautics and Space Administration                                    | T3-0726-FY22               | Analytical Mechanics Assoc.    | T3-0726-FY22                 |
| 45.024      | D                | 24,182               | Promotion of the Arts Grants to Organizations and Individuals                          |                            |                                |                              |
| 45.149      | I                | 245,809              | Promotion of the Humanities Division of Preservation and Access                        | ECCS-2243079               | Nat'L Endow For The Humanities |                              |
| 45.162      | I                | 24,901               | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development | 2005498                    | Teagle Foundation              |                              |
| 45.312      | D                | 59,665               | National Leadership Grants   |                            |                                |                              |
| 45.RD       | I                | 42                   | U. S. National Foundation on the Arts and the Humanities                               | IMLS-RIN-023-NCSU          | Center For Plant Conservation  | IMLS-RIN-023-NCSU            |
| 45.U01      | I                | (21)                 | U. S. National Foundation on the Arts and the Humanities                               | PAM-P18-003342             | South Arts                     | PAM-P18-003342               |
| 47.041      | D                | 19,398,435           | Engineering  |                            |                                |                              |
| 47.041      | I                | 322,855              | Engineering  | 104753-Z3822205            | Univ Of Maryland, College Park |                              |
| 47.041      | I                | 2,093                | Engineering  | 2005756564                 | Johns Hopkins University       |                              |
| 47.041      | I                | 1,000                | Engineering  | 2021GC0632                 | Univ Of Texas - Arlington      |                              |
| 47.041      | I                | 3,951                | Engineering  | 2044721                    | Tree-Co                        |                              |
| 47.041      | I                | 248,869              | Engineering  | 333-000070                 | Duke University                |                              |
| 47.041      | I                | 1,261                | Engineering  | 4500003732                 | Boston University              |                              |
| 47.041      | I                | 43,809               | Engineering  | 4500004145                 | Boston University              |                              |
| 47.041      | I                | 96,368               | Engineering  | 4500004561                 | Boston University              |                              |
| 47.041      | I                | 58,939               | Engineering  | 62391; P22020171           | Vanderbilt University          |                              |
| 47.041      | I                | 6,924                | Engineering  | GR110218 (CON-80002458)    | Yale University                |                              |
| 47.049      | D                | 6,870,583            | Mathematical and Physical Sciences   |                            |                                |                              |
| 47.049      | I                | 160,671              | Mathematical and Physical Sciences   | 105668-Z3846202            | Univ Of Maryland, College Park |                              |
| 47.049      | I                | 17,147               | Mathematical and Physical Sciences   | 20-88001;HRD-1954532       | Benedict College               |                              |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                                | Pass-Through Entity Number | Pass-Through Entity Name       | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 47.049      | I                | 294,143              | Mathematical and Physical Sciences               | 333-2792                   | Duke University                |                              |
| 47.049      | I                | (521)                | Mathematical and Physical Sciences               | 337-0023                   | Duke University                |                              |
| 47.049      | I                | 8,393                | Mathematical and Physical Sciences               | RC104177NCSU               | Michigan State University      |                              |
| 47.050      | D                | 2,722,366            | Geosciences                                      |                            |                                |                              |
| 47.050      | I                | 587,139              | Geosciences                                      | 2021-14                    | University Of Oklahoma         |                              |
| 47.050      | I                | 12,359               | Geosciences                                      | SUBK00010788/PO3005450823  | Univ Of Michigan               |                              |
| 47.050      | I                | 5,267                | Geosciences                                      | UDR0000288                 | Univ Of Delaware               |                              |
| 47.070      | D                | 8,192,992            | Computer and Information Science and Engineering |                            |                                |                              |
| 47.070      | I                | 3,450                | Computer and Information Science and Engineering | 067846-18552               | Univ Of Illinois- Urbana       |                              |
| 47.070      | I                | 90,751               | Computer and Information Science and Engineering | 16226155                   | Univ Of Central Florida        |                              |
| 47.070      | I                | 70,500               | Computer and Information Science and Engineering | 16226A20                   | Univ Of Central Florida        |                              |
| 47.070      | I                | 13,150               | Computer and Information Science and Engineering | 705671                     | Univ Of California - San Diego |                              |
| 47.070      | I                | 1,503,443            | Computer and Information Science and Engineering | CNS-1939334                | Pawr, LLC                      |                              |
| 47.070      | I                | 250,798              | Computer and Information Science and Engineering | CNS-1939334                | Pawr, LLC.                     |                              |
| 47.070      | I                | 14,931               | Computer and Information Science and Engineering | GR100254                   | Univ Of Central Florida        |                              |
| 47.074      | D                | 4,863,142            | Biological Sciences                              |                            |                                |                              |
| 47.074      | I                | 12,428               | Biological Sciences                              | 109662-19010               | Univ Of Illinois- Urbana       |                              |
| 47.074      | I                | 41,880               | Biological Sciences                              | 2019-012                   | Univ Of Puerto Rico-Rio Piedra |                              |
| 47.074      | I                | 149,781              | Biological Sciences                              | 333-2720                   | Duke University                |                              |
| 47.074      | I                | 133,631              | Biological Sciences                              | FY2021-085                 | University Of Kansas           |                              |
| 47.074      | I                | 30,568               | Biological Sciences                              | IOS-1444561                | Nat'L Science Found            |                              |
| 47.074      | I                | 123,142              | Biological Sciences                              | M2100812-28-518170-00003   | Texas A&M Univ.                |                              |
| 47.074      | I                | 56,529               | Biological Sciences                              | R1286                      | Dartmouth College              |                              |
| 47.074      | I                | 9,204                | Biological Sciences                              | SPC-1000004363/GR120366    | Ohio State Univ.               |                              |
| 47.074      | I                | 115,696              | Biological Sciences                              | SUB00003229                | Univ Of Florida                |                              |
| 47.075      | D                | 609,256              | Social, Behavioral, and Economic Sciences        |                            |                                |                              |
| 47.075      | I                | 7,628                | Social, Behavioral, and Economic Sciences        | 333-2368                   | Duke University                |                              |
| 47.075      | I                | 18,968               | Social, Behavioral, and Economic Sciences        | 333-2617                   | Duke University                |                              |
| 47.075      | I                | 40,522               | Social, Behavioral, and Economic Sciences        | PG19-66297-02              | University Of Montana          |                              |
| 47.075      | I                | 2,952                | Social, Behavioral, and Economic Sciences        | PO# 1001448171             | Univ Of Colorado - Denver      |                              |
| 47.076      | D                | 14,553,415           | Education and Human Resources                    |                            |                                |                              |
| 47.076      | I                | 2,527                | Education and Human Resources                    | 083962-18472               | Univ Of Illinois- Urbana       |                              |
| 47.076      | I                | 16,415               | Education and Human Resources                    | 12637                      | Education Development Center   |                              |
| 47.076      | I                | 3,198                | Education and Human Resources                    | 14246026-01                | Univ Of Central Florida        |                              |
| 47.076      | I                | 36,046               | Education and Human Resources                    | 144458-21801               | Cornell University             |                              |
| 47.076      | I                | 112,720              | Education and Human Resources                    | 2009212-199 NCSU           | Horizon Research, Inc.         |                              |
| 47.076      | I                | 41,801               | Education and Human Resources                    | 2019-001936                | Univ Of Puerto Rico            |                              |
| 47.076      | I                | 2,314                | Education and Human Resources                    | 2023-0210                  | Allen Institute                |                              |
| 47.076      | I                | 1,936                | Education and Human Resources                    | 2416-206-2015443           | Clemson University             |                              |
| 47.076      | I                | 111,193              | Education and Human Resources                    | 339.20.01                  | Concord Consortium             |                              |
| 47.076      | I                | 6,960                | Education and Human Resources                    | 703841                     | Univ Of California - San Diego |                              |
| 47.076      | I                | 43,291               | Education and Human Resources                    | A00-0096-S002              | Univ Of Alabama                |                              |
| 47.076      | I                | 62,214               | Education and Human Resources                    | BB01216898                 | Univ Of Cal - Berkeley         |                              |
| 47.076      | I                | 31,952               | Education and Human Resources                    | DRL-1850024                | Nat'L Science Found            |                              |
| 47.076      | I                | 51,349               | Education and Human Resources                    | FY22-WORLD SMARTS-NCSU-01  | Irex                           |                              |
| 47.076      | I                | 5,213                | Education and Human Resources                    | LASER-TEC NCSU-2020        | Indian River State College     |                              |
| 47.079      | D                | 201,230              | Office of International Science and Engineering  |                            |                                |                              |
| 47.083      | D                | 874,839              | Integrative Activities                           |                            |                                |                              |
| 47.083      | I                | 168,797              | Integrative Activities                           | 013204-002 (PHASE2)        | University Of Cincinnati       |                              |
| 47.084      | D                | 57,623               | NSF Technology, Innovation, and Partnerships     |                            |                                |                              |
| 47.RD       | D                | (1,012)              | U. S. National Science Foundation                |                            |                                | 2020-2771-IPA-CARSON         |
| 47.RD       | D                | 264,877              | U. S. National Science Foundation                |                            |                                | CMMI-2213573                 |
| 47.RD       | D                | 165,880              | U. S. National Science Foundation                |                            |                                | ECCS-2243079                 |
| 47.RD       | D                | 193,575              | U. S. National Science Foundation                |                            |                                | IPA PAM-P21-000055           |
| 47.RD       | I                | 138,396              | U. S. National Science Foundation                | 2023-2704                  | Univ Of Virginia               | 2023-2704                    |
| 47.RD       | I                | 8,387                | U. S. National Science Foundation                | NSF-DRL-1749275            | Am. Ed. Res. Assoc.            | NSF-DRL-1749275              |
| 47.U01      | D                | 286,152              | U. S. National Science Foundation                |                            |                                | S000633/TO-0685              |
| 47.U02      | I                | 1,043                | U. S. National Science Foundation                | 2022-110                   | Univ Of Illinois- Urbana       | 2022-110                     |
| 59.037      | D                | 4,817,008            | Small Business Development Centers               |                            |                                |                              |
| 59.075      | D                | 64,668               | Shuttered Venue Operators Grant Program          |                            |                                |                              |
| 64.054      | D                | 14,292               | Research and Development                         |                            |                                |                              |
| 64.U01      | D                | 1,009                | U. S. Department of Veterans Affairs             |                            |                                | PAM-P23-000911               |
| 64.U02      | D                | 485                  | U. S. Department of Veterans Affairs             |                            |                                | PO# 558D12048                |
| 66.456      | I                | 11,218               | National Estuary Program                         | SUB00002917 / P0230622     | Univ Of Florida                |                              |



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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name        | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|---------------------------------|------------------------------|
| 66.460      | I                | 5,648                | Nonpoint Source Implementation Grants  | 2020-1615                  | Piedmont Conservation Coun.     |                              |
| 66.460      | I                | 1,330                | Nonpoint Source Implementation Grants  | 99465719                   | Cape Fear River Watch           |                              |
| 66.460      | I                | 17,355               | Nonpoint Source Implementation Grants  | PO# 144652 / 0000002263    | City Of Raleigh                 |                              |
| 66.461      | D                | 55,062               | Regional Wetland Program Development Grants  |                            |                                 |                              |
| 66.509      | D                | 332,226              | Science To Achieve Results (STAR) Research Program   |                            |                                 |                              |
| 66.509      | I                | (5,809)              | Science To Achieve Results (STAR) Research Program   | 06-S160606                 | Texas A&M Agrilife Research     |                              |
| 66.509      | I                | (6,485)              | Science To Achieve Results (STAR) Research Program   | M2002831                   | Texas A&M Univ.                 |                              |
| 66.509      | I                | 18,685               | Science To Achieve Results (STAR) Research Program   | M2300108                   | Texas A&M Univ.                 |                              |
| 66.511      | I                | 84,701               | Office of Research and Development Consolidated Research/Training/Fellowships                        | 401579-5801                | Colorado School Of Mines        |                              |
| 66.511      | I                | 29,939               | Office of Research and Development Consolidated Research/Training/Fellowships                        | 451533-19071               | Virginia Polytech Inst          |                              |
| 66.511      | I                | 19,194               | Office of Research and Development Consolidated Research/Training/Fellowships                        | E0199A-C                   | Oregon State Univ.              |                              |
| 66.716      | I                | (1)                  | Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies | 2020-1263                  | Extension Foundation            |                              |
| 66.716      | I                | 21,125               | Research, Development, Monitoring, Public Education, Outreach, Training, Demonstrations, and Studies | SA-2022-42                 | Extension Foundation            |                              |
| 66.951      | I                | (1,621)              | Environmental Education Grants   | 2018-2750                  | Nc Found For Soil & Water       |                              |
| 66.RD       | D                | 2                    | U. S. Environmental Protection Agency  |                            |                                 | 68HE0B21P0283                |
| 66.RD       | D                | 21,690               | U. S. Environmental Protection Agency  |                            |                                 | 68HE0B22P0086                |
| 66.RD       | D                | 61,888               | U. S. Environmental Protection Agency  |                            |                                 | 68HE0B22P0248                |
| 66.RD       | D                | 141,667              | U. S. Environmental Protection Agency  |                            |                                 | 68HERC22C0057                |
| 66.RD       | D                | 12,629               | U. S. Environmental Protection Agency  |                            |                                 | 68HERH22P0107                |
| 66.RD       | I                | 8,443                | U. S. Environmental Protection Agency  | 2023-1316                  | Univ Of Connecticut             | 2023-1316                    |
| 66.RD       | I                | 13,898               | U. S. Environmental Protection Agency  | 208589 OS                  | Aptim                           | 208589 OS                    |
| 66.RD       | I                | 42,045               | U. S. Environmental Protection Agency  | 7-312-0217117-66204L       | Rti International               | 7-312-0217117-66204L         |
| 66.U01      | D                | 13,328               | U. S. Environmental Protection Agency  |                            |                                 | T3-0726-FY22                 |
| 66.U02      | I                | 6,618                | U. S. Environmental Protection Agency  | 2200339                    | Eastern Band Of The Cherokee    | 2200339                      |
| 77.008      | D                | 346,770              | U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program                                |                            |                                 |                              |
| 77.U01      | D                | 1,216                | U. S. Nuclear Regulatory Commission  |                            |                                 | 31310021P0036                |
| 81.008      | I                | 18,487               | Cybersecurity, Energy Security & Emergency Response (CESER)  | 000673 PO#254564           | Florida Int'L Univ.             |                              |
| 81.049      | D                | 4,418,483            | Office of Science Financial Assistance Program   |                            |                                 |                              |
| 81.049      | I                | 102,013              | Office of Science Financial Assistance Program   | 106038-18678               | Univ Of Illinois- Urbana        |                              |
| 81.049      | I                | 32,506               | Office of Science Financial Assistance Program   | 14000600-013               | Purdue University               |                              |
| 81.049      | I                | 3,876                | Office of Science Financial Assistance Program   | 1555891 PO#1000911947      | Univ Of Colorado - Boulder      |                              |
| 81.049      | I                | 4,840                | Office of Science Financial Assistance Program   | 2019-2600                  | Inventwood, LLC                 |                              |
| 81.049      | I                | 49,836               | Office of Science Financial Assistance Program   | 2020-19973                 | Radiabeam Technologies, LLC     |                              |
| 81.049      | I                | 9,663                | Office of Science Financial Assistance Program   | 2021-1110                  | Calabazas Creek Research, Inc.  |                              |
| 81.049      | I                | 8,650                | Office of Science Financial Assistance Program   | 2022-0723                  | Pancopia, Inc.                  |                              |
| 81.049      | I                | 81,171               | Office of Science Financial Assistance Program   | 2022-2140                  | Catalytic And Redox Solutions   |                              |
| 81.049      | I                | 20,779               | Office of Science Financial Assistance Program   | 2023-1574                  | Eagle Harbor Technologies       |                              |
| 81.049      | I                | 42,483               | Office of Science Financial Assistance Program   | 23-017252 B 00             | Univ Of Massachusetts           |                              |
| 81.049      | I                | 29,472               | Office of Science Financial Assistance Program   | 47018                      | Advanced Cooling Technologies   |                              |
| 81.049      | I                | 68,639               | Office of Science Financial Assistance Program   | 520001                     | Triad National Security, LLC    |                              |
| 81.049      | I                | 167,241              | Office of Science Financial Assistance Program   | 5951-NCSU-DOE-1090         | Pennsylvania State Univ         |                              |
| 81.049      | I                | 90,901               | Office of Science Financial Assistance Program   | 6021-NCSU-DOE-1090         | Pennsylvania State Univ         |                              |
| 81.049      | I                | 41,515               | Office of Science Financial Assistance Program   | AWD00006609 (419621-1)     | University Of Pittsburgh        |                              |
| 81.049      | I                | 12,528               | Office of Science Financial Assistance Program   | AWD7773336-GR205924        | Georgetown Univ.                |                              |
| 81.049      | I                | 118,280              | Office of Science Financial Assistance Program   | DE-SC0019929               | Catalytic And Redox Solutions   |                              |
| 81.049      | I                | 37,105               | Office of Science Financial Assistance Program   | DE-SC0021866               | Wbglobalsemi, Inc.              |                              |
| 81.049      | I                | 65,077               | Office of Science Financial Assistance Program   | ISL-NCSU-3136-022122       | Innosense, LLC                  |                              |
| 81.049      | I                | 18,863               | Office of Science Financial Assistance Program   | ISL-NCSU-3140-041322       | Innosense, LLC                  |                              |
| 81.049      | I                | 3,544                | Office of Science Financial Assistance Program   | ISL-NCSU-3145-041823       | Innosense, LLC                  |                              |
| 81.049      | I                | 60,133               | Office of Science Financial Assistance Program   | RC104899 - NCSU            | Michigan State University       |                              |
| 81.049      | I                | 483,173              | Office of Science Financial Assistance Program   | RC107830                   | Michigan State University       |                              |
| 81.049      | I                | 30,323               | Office of Science Financial Assistance Program   | S230350                    | Princeton Plasma Physics Labor  |                              |
| 81.049      | I                | 7,589                | Office of Science Financial Assistance Program   | S5832 / PO# 818882         | Mass. Inst. Of Tech.            |                              |
| 81.049      | I                | 97,484               | Office of Science Financial Assistance Program   | SC-40-01753-401040-46      | Faraday Technology, Inc.        |                              |
| 81.049      | I                | 51,030               | Office of Science Financial Assistance Program   | SUB-2023-10198             | Alliance For Sustainable Energy |                              |
| 81.049      | I                | 164,480              | Office of Science Financial Assistance Program   | SUB00001810                | Univ Of Georgia Res Fdn         |                              |
| 81.049      | I                | 105,251              | Office of Science Financial Assistance Program   | SUB00002706                | Univ Of Georgia                 |                              |
| 81.049      | I                | 111,917              | Office of Science Financial Assistance Program   | SUB0000292                 | Princeton University            |                              |
| 81.049      | I                | 153,724              | Office of Science Financial Assistance Program   | SUBK00011115/PO3005749735  | Univ Of Michigan                |                              |
| 81.049      | I                | 233,070              | Office of Science Financial Assistance Program   | WU-15-69 (PO#2922325Y)     | Washington University-St Louis  |                              |
| 81.086      | D                | 2,166,648            | Conservation Research and Development  |                            |                                 |                              |
| 81.086      | I                | 106,115              | Conservation Research and Development  | 0011-45491                 | Eaton Corp.                     |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name        | Additional Award Information |
|-------------|------------------|----------------------|--|----------------------------|---------------------------------|------------------------------|
| 81.086      | I                | (3,034)              | Conservation Research and Development  | 1070252-432914             | Carnegie Mellon Univ            |                              |
| 81.086      | I                | 8,890                | Conservation Research and Development  | 2019-3248                  | E4 Carolinas                    |                              |
| 81.086      | I                | 5,839                | Conservation Research and Development  | 4500097159                 | General Atomics                 |                              |
| 81.086      | I                | 3,808                | Conservation Research and Development  | A19-0435-S003              | Univ Of Tennessee               |                              |
| 81.086      | I                | 77,652               | Conservation Research and Development  | DE-EE0009135 - NCSU        | Eaton Corp.                     |                              |
| 81.086      | I                | 69,341               | Conservation Research and Development  | DE-EE0009874-NCSU          | John Deere Electronic Solution  |                              |
| 81.086      | I                | 10,303               | Conservation Research and Development  | NO. 192216                 | Stanford Univ                   |                              |
| 81.087      | D                | 2,091,212            | Renewable Energy Research and Development  |                            |                                 |                              |
| 81.087      | I                | 240,825              | Renewable Energy Research and Development  | 4550 G XA169               | Univ Of California-Los Angeles  |                              |
| 81.087      | I                | 143,196              | Renewable Energy Research and Development  | AWD00005235 (418622-3)     | University Of Pittsburgh        |                              |
| 81.087      | I                | (33,149)             | Renewable Energy Research and Development  | DE-EE0007613               | Atology                         |                              |
| 81.087      | I                | (434)                | Renewable Energy Research and Development  | DE-EE0007888-05-6          | Rapid Institute                 |                              |
| 81.087      | I                | (32,483)             | Renewable Energy Research and Development  | DOE-SPEC-FE11-012          | Biodiversity Research Inst.     |                              |
| 81.087      | I                | 71,125               | Renewable Energy Research and Development  | G-27028-02                 | Colorado State Univ.            |                              |
| 81.087      | I                | 113,119              | Renewable Energy Research and Development  | SUB-2022-10109             | Alliance For Sustainable Energy |                              |
| 81.089      | D                | 738,543              | Fossil Energy Research and Development   |                            |                                 |                              |
| 81.089      | I                | 131,241              | Fossil Energy Research and Development   | 10017-02 / PO# SUST000003  | Susteon Inc.                    |                              |
| 81.089      | I                | 81,035               | Fossil Energy Research and Development   | 20-068-NCSU                | West Virginia Univ.             |                              |
| 81.112      | I                | 5,898                | Stewardship Science Grant Program  | 323-0300                   | Duke University                 |                              |
| 81.113      | D                | (27,739)             | Defense Nuclear Nonproliferation Research  |                            |                                 |                              |
| 81.113      | I                | 188,574              | Defense Nuclear Nonproliferation Research  | 00010832 PO# BB01640478    | Univ Of Cal - Berkeley          |                              |
| 81.117      | D                | 547,200              | Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance |                            |                                 |                              |
| 81.121      | D                | 3,198,693            | Nuclear Energy Research, Development and Demonstration   |                            |                                 |                              |
| 81.121      | I                | 195,300              | Nuclear Energy Research, Development and Demonstration   | 00145661-00002             | Battelle Energy Alliance, LLC   |                              |
| 81.121      | I                | 62,021               | Nuclear Energy Research, Development and Demonstration   | 14000690-029               | Purdue University               |                              |
| 81.121      | I                | 59,574               | Nuclear Energy Research, Development and Demonstration   | 203913-777                 | Utah State University           |                              |
| 81.121      | I                | 23,896               | Nuclear Energy Research, Development and Demonstration   | 9945                       | Univ Of Cal - Berkeley          |                              |
| 81.121      | I                | 74,258               | Nuclear Energy Research, Development and Demonstration   | PO 0000001799              | X-Energy, LLC                   |                              |
| 81.121      | I                | 171,496              | Nuclear Energy Research, Development and Demonstration   | PO 0000002301              | X-Energy, LLC                   |                              |
| 81.121      | I                | 151,557              | Nuclear Energy Research, Development and Demonstration   | S001257-USDOE              | Pennsylvania State Univ         |                              |
| 81.121      | I                | 103,053              | Nuclear Energy Research, Development and Demonstration   | S4893/PO#387177            | Mass. Inst. Of Tech.            |                              |
| 81.121      | I                | 609,983              | Nuclear Energy Research, Development and Demonstration   | S5191, PO#530808           | Mass. Inst. Of Tech.            |                              |
| 81.121      | I                | -                    | Nuclear Energy Research, Development and Demonstration   | SUBAWARD NO. 68016083-01   | Univ Of Central Florida         |                              |
| 81.124      | I                | 221,980              | Predictive Science Academic Alliance Program   | G0187A-A                   | Oregon State Univ.              |                              |
| 81.135      | D                | 1,987,228            | Advanced Research Projects Agency - Energy   |                            |                                 |                              |
| 81.135      | I                | 124,818              | Advanced Research Projects Agency - Energy   | 1534                       | X-Energy, LLC                   |                              |
| 81.135      | I                | (12,276)             | Advanced Research Projects Agency - Energy   | 2018-0104                  | Adroit Materials, Inc.          |                              |
| 81.135      | I                | 73,913               | Advanced Research Projects Agency - Energy   | 323-0308                   | Duke University                 |                              |
| 81.135      | I                | (121,915)            | Advanced Research Projects Agency - Energy   | 9153-20936                 | Vanderbilt University           |                              |
| 81.135      | I                | 9,670                | Advanced Research Projects Agency - Energy   | 96-19                      | Suny - Albany                   |                              |
| 81.135      | I                | 77,315               | Advanced Research Projects Agency - Energy   | A21-0018-S001/PO284610     | Rensselaer Polytechnic Inst.    |                              |
| 81.135      | I                | 57,638               | Advanced Research Projects Agency - Energy   | PO 0000001922              | X-Energy, LLC                   |                              |
| 81.135      | I                | 303,165              | Advanced Research Projects Agency - Energy   | PO 0000002355              | X-Energy, LLC                   |                              |
| 81.135      | I                | (336,012)            | Advanced Research Projects Agency - Energy   | PO0000001109               | X-Energy, LLC                   |                              |
| 81.135      | I                | 270,074              | Advanced Research Projects Agency - Energy   | PO0000001304               | X-Energy, LLC                   |                              |
| 81.RD       | D                | 37,387               | U. S. Department of Energy   |                            |                                 | 1F-60603                     |
| 81.RD       | D                | 2,775                | U. S. Department of Energy   |                            |                                 | 2021-2520                    |
| 81.RD       | D                | 33,102               | U. S. Department of Energy   |                            |                                 | 2022-0700                    |
| 81.RD       | D                | 10,652               | U. S. Department of Energy   |                            |                                 | 2022-2489                    |
| 81.RD       | D                | 10,845               | U. S. Department of Energy   |                            |                                 | 2023-1758                    |
| 81.RD       | D                | 16,291               | U. S. Department of Energy   |                            |                                 | 2023-2213                    |
| 81.RD       | D                | 57,189               | U. S. Department of Energy   |                            |                                 | 2220726                      |
| 81.RD       | D                | 1,750                | U. S. Department of Energy   |                            |                                 | 2260815                      |
| 81.RD       | D                | 29,831               | U. S. Department of Energy   |                            |                                 | 2354748                      |
| 81.RD       | D                | 15,605               | U. S. Department of Energy   |                            |                                 | 2408129                      |
| 81.RD       | D                | 47,335               | U. S. Department of Energy   |                            |                                 | 2425153                      |
| 81.RD       | D                | 12,109               | U. S. Department of Energy   |                            |                                 | 2434285                      |
| 81.RD       | D                | 68,770               | U. S. Department of Energy   |                            |                                 | 2435282                      |
| 81.RD       | D                | 7,000                | U. S. Department of Energy   |                            |                                 | 3F-60044                     |
| 81.RD       | D                | 71,195               | U. S. Department of Energy   |                            |                                 | 4000192636 / 4000181953      |
| 81.RD       | D                | 6,724                | U. S. Department of Energy   |                            |                                 | 4000192640                   |
| 81.RD       | D                | 38,627               | U. S. Department of Energy   |                            |                                 | 4000192703                   |
| 81.RD       | D                | 53,615               | U. S. Department of Energy   |                            |                                 | 4000192987                   |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title          | Pass-Through Entity Number   | Pass-Through Entity Name                  | Additional Award Information |
|-------------|------------------|----------------------|----------------------------|------------------------------|---|------------------------------|
| 81.RD       | D                | 94,581               | U. S. Department of Energy |                              |   | 4000193103                   |
| 81.RD       | D                | (24,790)             | U. S. Department of Energy |                              |   | 4000193559                   |
| 81.RD       | D                | (51,657)             | U. S. Department of Energy |                              |   | 4000193563                   |
| 81.RD       | D                | 1,808                | U. S. Department of Energy |                              |   | 425877                       |
| 81.RD       | D                | 38,610               | U. S. Department of Energy |                              |   | 595451                       |
| 81.RD       | D                | 65,680               | U. S. Department of Energy |                              |   | 624149                       |
| 81.RD       | D                | 92,183               | U. S. Department of Energy |                              |   | 628147                       |
| 81.RD       | D                | 78,781               | U. S. Department of Energy |                              |   | 7683839                      |
| 81.RD       | D                | 64,364               | U. S. Department of Energy |                              |   | 89233218CNA000001            |
| 81.RD       | D                | 63,040               | U. S. Department of Energy |                              |   | B649686                      |
| 81.RD       | D                | 44,174               | U. S. Department of Energy |                              |   | B655502                      |
| 81.RD       | D                | 74,915               | U. S. Department of Energy |                              |   | BOA NO 420000036             |
| 81.RD       | D                | 57,827               | U. S. Department of Energy |                              |   | CW23583 PO 4000198008        |
| 81.RD       | D                | 1,426                | U. S. Department of Energy |                              |   | CW44471 4000208323           |
| 81.RD       | D                | 45,239               | U. S. Department of Energy |                              |   | DE-AC-02-06CH11357           |
| 81.RD       | D                | 214,684              | U. S. Department of Energy |                              |   | DE-AC02-05CH11231            |
| 81.RD       | D                | 216,883              | U. S. Department of Energy |                              |   | DE-AC05-00OR22725            |
| 81.RD       | D                | 162,279              | U. S. Department of Energy |                              |   | DE-AC05-76RL01830            |
| 81.RD       | D                | 130,911              | U. S. Department of Energy |                              |   | DE-AC07-05ID14517            |
| 81.RD       | D                | 40,965               | U. S. Department of Energy |                              |   | DE-AC36-08GO28308            |
| 81.RD       | D                | 450                  | U. S. Department of Energy |                              |   | DE-SC0012704                 |
| 81.RD       | D                | 22,539               | U. S. Department of Energy |                              |   | PAM-P21-000305               |
| 81.RD       | D                | 67,482               | U. S. Department of Energy |                              |   | PAM-P21-000854               |
| 81.RD       | D                | 71,140               | U. S. Department of Energy |                              |   | PAM-P21-001310               |
| 81.RD       | D                | 65,181               | U. S. Department of Energy |                              |   | PAM-P21-001603               |
| 81.RD       | D                | 18,362               | U. S. Department of Energy |                              |   | PO 2306118.0                 |
| 81.RD       | D                | 85,105               | U. S. Department of Energy |                              |   | RELEASE #6 / BMC #264247     |
| 81.RD       | D                | 35,551               | U. S. Department of Energy |                              |   | SOW-0000520044               |
| 81.RD       | I                | 113,905              | U. S. Department of Energy | #M2100680                    | Texas A&M Univ.                           | #M2100680                    |
| 81.RD       | I                | 191,122              | U. S. Department of Energy | 145661-14                    | Battelle Energy Alliance, LLC             | 145661-14                    |
| 81.RD       | I                | 185                  | U. S. Department of Energy | 145661-34 RELEASE NO. 34     | Battelle Energy Alliance, LLC             | 145661-34 RELEASE NO. 34     |
| 81.RD       | I                | 29,075               | U. S. Department of Energy | 147563                       | Fluor Marine Propulsion, LLC              | 147563                       |
| 81.RD       | I                | (53)                 | U. S. Department of Energy | 1871780                      | Sandia National Lab                       | 1871780                      |
| 81.RD       | I                | 70,717               | U. S. Department of Energy | 2022-0588                    | Battelle Savannah River Allian            | 2022-0588                    |
| 81.RD       | I                | 61,858               | U. S. Department of Energy | 2022-0778                    | Makai Ocean Engineering, Inc.             | 2022-0778                    |
| 81.RD       | I                | 27,637               | U. S. Department of Energy | 2022-3029                    | Gismo power LLC                           | 2022-3029                    |
| 81.RD       | I                | 19,494               | U. S. Department of Energy | 264247 RELEASE NO. 1         | Battelle Energy Alliance, LLC             | 264247 RELEASE NO. 1         |
| 81.RD       | I                | 30,037               | U. S. Department of Energy | 264247 RELEASE NO. 2         | Battelle Energy Alliance, LLC             | 264247 RELEASE NO. 2         |
| 81.RD       | I                | 35,914               | U. S. Department of Energy | 264247 RELEASE NO. 7         | Battelle Energy Alliance, LLC             | 264247 RELEASE NO. 7         |
| 81.RD       | I                | 157,650              | U. S. Department of Energy | 4000192789                   | Oak Ridge National Lab                    | 4000192789                   |
| 81.RD       | I                | 74,144               | U. S. Department of Energy | 4000193112                   | Ut-Battelle LLC                           | 4000193112                   |
| 81.RD       | I                | 66,267               | U. S. Department of Energy | 4000193150                   | Oak Ridge National Lab                    | 4000193150                   |
| 81.RD       | I                | 241,557              | U. S. Department of Energy | 4000196635                   | Oak Ridge National Lab                    | 4000196635                   |
| 81.RD       | I                | (27,249)             | U. S. Department of Energy | 499690                       | Pacific Northwest National Lab            | 499690                       |
| 81.RD       | I                | (693)                | U. S. Department of Energy | 508748                       | Battelle Savannah River Alliance          | 508748                       |
| 81.RD       | I                | (101)                | U. S. Department of Energy | 508854                       | Triad National Security, LLC              | 508854                       |
| 81.RD       | I                | 57,928               | U. S. Department of Energy | 586990                       | Battelle Memorial Institute               | 586990                       |
| 81.RD       | I                | (2,993)              | U. S. Department of Energy | 606823                       | Oak Ridge Assoc. Univ.                    | 606823                       |
| 81.RD       | I                | 10,489               | U. S. Department of Energy | 671726                       | Battelle Memorial Institute               | 671726                       |
| 81.RD       | I                | 75,025               | U. S. Department of Energy | 89233218CNA000001            | Triad National Security, LLC              | 89233218CNA000001            |
| 81.RD       | I                | (726)                | U. S. Department of Energy | 8F-30076                     | Argonne Nat'L Lab                         | 8F-30076                     |
| 81.RD       | I                | (2,265)              | U. S. Department of Energy | 9F-60064                     | Argonne Nat'L Lab                         | 9F-60064                     |
| 81.RD       | I                | 685                  | U. S. Department of Energy | B620596                      | Lawrence Livermore Natl Lab               | B620596                      |
| 81.RD       | I                | 70,844               | U. S. Department of Energy | B628785                      | Lawrence Livermore Natl Lab               | B628785                      |
| 81.RD       | I                | 176,491              | U. S. Department of Energy | B634847                      | Lawrence Livermore Natl. Secu.            | B634847                      |
| 81.RD       | I                | 48,497               | U. S. Department of Energy | CTR-PO-2022-04; TO #1        | Westinghouse Electric Co. LLC             | CTR-PO-2022-04; TO #1        |
| 81.RD       | I                | 49,118               | U. S. Department of Energy | CTR-PO-2022-04; TO #2        | Westinghouse Electric Co. LLC             | CTR-PO-2022-04; TO #2        |
| 81.RD       | I                | 287,652              | U. S. Department of Energy | CW9336 4000198565            | Oak Ridge National Lab                    | CW9336 4000198565            |
| 81.RD       | I                | 50,634               | U. S. Department of Energy | DE-AC05-00OR22725            | ut-Battelle, LLC                          | DE-AC05-00OR22725            |
| 81.RD       | I                | 9,068                | U. S. Department of Energy | DE-AC05-76RL01830            | Battelle Memorial Institute               | DE-AC05-76RL01830            |
| 81.RD       | I                | 74,518               | U. S. Department of Energy | DE-AC52-07NA27344 NO B650123 | Lawrence Livermore National Security, LLC | DE-AC52-07NA27344 NO B650123 |
| 81.RD       | I                | 9,723                | U. S. Department of Energy | DE-EE0008806                 | Ricardo Plc                               | DE-EE0008806                 |
| 81.RD       | I                | 188,401              | U. S. Department of Energy | DE-NE0009054                 | Terrapower                                | DE-NE0009054                 |
| 81.RD       | I                | 55,603               | U. S. Department of Energy | DE-SC0021700                 | Radia beam Technologies, LLC              | DE-SC0021700                 |

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|-------------|------------------|----------------------|--|----------------------------|----------------------------------|------------------------------|
| 81.RD       | I                | 52,326               | U. S. Department of Energy   | M2203056                   | Texas A&M Univ.                  | M2203056                     |
| 81.RD       | I                | (7,578)              | U. S. Department of Energy   | MASTER #145661-RELEASE#19  | Battelle Energy Alliance, LLC    | MASTER #145661-RELEASE#19    |
| 81.RD       | I                | 41,691               | U. S. Department of Energy   | N000428308                 | HONEYWELL FM&T, LLC              | N000428308                   |
| 81.RD       | I                | 201,198              | U. S. Department of Energy   | P010267139 / TASK ORDER 1  | Leidos, Inc                      | P010267139 / TASK ORDER 1    |
| 81.RD       | I                | 7,208                | U. S. Department of Energy   | P010267139 / TASK ORDER 2  | Leidos, Inc                      | P010267139 / TASK ORDER 2    |
| 81.RD       | I                | 1,654                | U. S. Department of Energy   | PAM-P18-002468             | Princeton University             | PAM-P18-002468               |
| 81.RD       | I                | 40,616               | U. S. Department of Energy   | PO # 107832                | Bettis Atomic Power Laboratory   | PO # 107832                  |
| 81.RD       | I                | 67,279               | U. S. Department of Energy   | PO #107832                 | Bettis Atomic Power Laboratory   | PO #107832                   |
| 81.RD       | I                | 134,242              | U. S. Department of Energy   | PO #4000192994 / CW9212    | Calut-Battelle LLC               | PO #4000192994 / CW9212      |
| 81.RD       | I                | 61,466               | U. S. Department of Energy   | PO# 107832                 | Bettis Atomic Power Laboratory   | PO# 107832                   |
| 81.RD       | I                | 174,120              | U. S. Department of Energy   | PO# 145512                 | Fluor Marine Propulsion, LLC     | PO# 145512                   |
| 81.RD       | I                | 13,237               | U. S. Department of Energy   | RELEASE # 26 UNDER 145661  | Battelle Energy Alliance, LLC    | RELEASE # 26 UNDER 145661    |
| 81.RD       | I                | 3,078                | U. S. Department of Energy   | RELEASE # 29 BMC #145661   | Battelle Energy Alliance, LLC    | RELEASE # 29 BMC #145661     |
| 81.RD       | I                | 88,288               | U. S. Department of Energy   | RELEASE # 33 BMC #145661   | Battelle Energy Alliance, LLC    | RELEASE # 33 BMC #145661     |
| 81.RD       | I                | 18,315               | U. S. Department of Energy   | RELEASE #4/BMA #264247     | Battelle Energy Alliance, LLC    | RELEASE #4/BMA #264247       |
| 81.RD       | I                | 89,878               | U. S. Department of Energy   | RELEASE 24 UNDER 145661    | Battelle Energy Alliance, LLC    | RELEASE 24 UNDER 145661      |
| 81.RD       | I                | 89,298               | U. S. Department of Energy   | RELEASE 35 UC 145661       | Battelle Energy Alliance         | RELEASE 35 UC 145661         |
| 81.RD       | I                | 65,134               | U. S. Department of Energy   | RELEASE NO. 1/ BMA 255742  | Battelle Energy Alliance, LLC    | RELEASE NO. 1/ BMA 255742    |
| 81.RD       | I                | 25,674               | U. S. Department of Energy   | RELEASE NO. 2/ BMA 255742  | Battelle Energy Alliance, LLC    | RELEASE NO. 2/ BMA 255742    |
| 81.RD       | I                | 251,950              | U. S. Department of Energy   | RELEASE NO. 37/145661      | Battelle Energy Alliance, LLC    | RELEASE NO. 37/145661        |
| 81.RD       | I                | 53,923               | U. S. Department of Energy   | RELEASE NO. 39/145661      | Battelle Energy Alliance, LLC    | RELEASE NO. 39/145661        |
| 81.RD       | I                | 1,681,089            | U. S. Department of Energy   | SCN09846 / 10102           | Pacmar Technologies, LLC         | SCN09846 / 10102             |
| 81.RD       | I                | 172,013              | U. S. Department of Energy   | TP-PO-001490 / TASK B      | Terrapower                       | TP-PO-001490 / TASK B        |
| 81.U01      | I                | 28,665               | U. S. Department of Energy   | 6 NU38OT000304-04-02       | Nemours Foundation               | 6 NU38OT000304-04-02         |
| 84.007      | D                | 675,255              | Federal Supplemental Educational Opportunity Grants  |                            |                                  |                              |
| 84.033      | D                | 1,033,313            | Federal Work-Study Program   |                            |                                  |                              |
| 84.038      | D                | 2,075,941            | Federal Perkins Loan Program Federal Capital Contributions   |                            |                                  |                              |
| 84.042      | D                | 535,828              | TRIO Student Support Services  |                            |                                  |                              |
| 84.044      | D                | 736,387              | TRIO Talent Search   |                            |                                  |                              |
| 84.047      | D                | 967,242              | TRIO Upward Bound  |                            |                                  |                              |
| 84.063      | D                | 27,226,230           | Federal Pell Grant Program   |                            |                                  |                              |
| 84.133      | I                | 2,301                | National Institute on Disability and Rehabilitation Research   | 1701835A/PO#1000004853     | Univ Of Maryland Balt. County    |                              |
| 84.200      | D                | 491,951              | Graduate Assistance in Areas of National Need  |                            |                                  |                              |
| 84.215      | D                | 111,753              | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods                       |                            |                                  |                              |
| 84.217      | D                | 262,839              | TRIO McNair Post-Baccalaureate Achievement   |                            |                                  |                              |
| 84.268      | D                | 108,711,774          | Federal Direct Student Loans   |                            |                                  |                              |
| 84.305      | D                | 1,123,500            | Education Research, Development and Dissemination  |                            |                                  |                              |
| 84.305      | I                | 45,591               | Education Research, Development and Dissemination  | 2135 PO# 111401            | Education Testing Service        |                              |
| 84.305      | I                | 20,947               | Education Research, Development and Dissemination  | S-00015915                 | Wested                           |                              |
| 84.324      | D                | 165,857              | Research in Special Education  |                            |                                  |                              |
| 84.334      | I                | 93,700               | Gaining Early Awareness and Readiness for Undergraduate Programs   | 19100053-001               | Purdue University                |                              |
| 84.408      | D                | 6,502                | Postsecondary Education Scholarships for Veteran's Dependents  |                            |                                  |                              |
| 84.411      | I                | 88,968               | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)                                     | 12586                      | Education Development Center     |                              |
| 84.411      | I                | 130,522              | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)                                     | 22-022                     | Assistments Foundation           |                              |
| 84.422      | I                | 28,237               | American History and Civics Education  | 19100102-003               | Purdue University                |                              |
| 84.425F     | D                | 2,089,985            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion |                            |                                  |                              |
| 84.RD       | I                | 44,292               | U. S. Department of Education  | 2023-0745                  | X-Energy, LLC                    | 2023-0745                    |
| 84.RD       | I                | 10,458               | U. S. Department of Education  | RELEASE NO 38, NO. 145661  | Battelle Energy Alliance, LLC    | DE-AC07-05ID14517            |
| 84.RD       | I                | 53,880               | U. S. Department of Education  | RELEASE NO. 41/BMC 145661  | BATTELLE ENERGY ALLIANCE, LLC    | DE-AC07-05ID14517            |
| 84.U02      | I                | 13,361               | U. S. Department of Education  | PO# 247975                 | Wake County Public Sch. Sys.     | PO# 247975                   |
| 84.U03      | I                | 2,111                | U. S. Department of Education  | PO# 247975                 | Wake County Public Sch. Sys.     | PO# 247975                   |
| 89.003      | I                | 22,567               | National Historical Publications and Records Grants  | PAM-P23-000167             | Arab American National Museum    |                              |
| 91.RD       | I                | 97,160               | U. S. Institute of Peace   | 212076-01                  | Texas Tech University            | 70RSAT21CB0000023            |
| 91.RD       | I                | 55,260               | U. S. Institute of Peace   | 486743                     | Battelle Savannah River Alliance | 486743                       |
| 91.RD       | I                | 156,722              | U. S. Institute of Peace   | SCN09846 / 10102           | Pacmar Technologies, LLC         | SCN09846 / 10102             |
| 93.084      | D                | 876,070              | Prevention of Disease, Disability, and Death by Infectious Diseases  |                            |                                  |                              |
| 93.103      | D                | 902,342              | Food and Drug Administration Research  |                            |                                  |                              |
| 93.113      | D                | 6,165,508            | Environmental Health   |                            |                                  |                              |
| 93.113      | I                | 4,916                | Environmental Health   | 2022-2986                  | NCSU Chhe                        |                              |
| 93.113      | I                | 64,931               | Environmental Health   | 2023-2635                  | NCSU Chhe                        |                              |
| 93.113      | I                | 5,903                | Environmental Health   | 2P30ES025128-06            | Public Health Serv               |                              |
| 93.113      | I                | 12,858               | Environmental Health   | 3-340-0217136-65799L       | Rti International                |                              |

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|-------------|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 93.113      | I                | 7,571                | Environmental Health   | 3-340-0217136-65799LHHEAR  | Rti International              |                              |
| 93.113      | I                | 240,874              | Environmental Health   | A03-3559                   | Duke University                |                              |
| 93.113      | I                | 205,895              | Environmental Health   | M1901895                   | Texas A&M Univ.                |                              |
| 93.113      | I                | 101,378              | Environmental Health   | NCSU-3338-02               | Euro. Molecular Biology Lab    |                              |
| 93.113      | I                | 12,913               | Environmental Health   | P0431A-A                   | Oregon State Univ.             |                              |
| 93.113      | I                | (2,404)              | Environmental Health   | SUB00002460SRP             | Board Reg Univ System Georgia  |                              |
| 93.121      | I                | 2,014                | Oral Diseases and Disorders Research   | FP00016691_SA005           | Virginia Commonwealth Univ     |                              |
| 93.136      | I                | 22,052               | Injury Prevention and Control Research and State and Community Based Programs        | WSU22102-A3                | Wayne St Univ                  |                              |
| 93.143      | D                | 1,355,252            | NIEHS Superfund Hazardous Substances Basic Research and Education                    |                            |                                |                              |
| 93.143      | I                | (8,788)              | NIEHS Superfund Hazardous Substances Basic Research and Education                    | 02-M1800350                | Texas A&M Univ.                |                              |
| 93.143      | I                | (2,297)              | NIEHS Superfund Hazardous Substances Basic Research and Education                    | 5(GG013322-35)/G13709      | Columbia University            |                              |
| 93.143      | I                | (103)                | NIEHS Superfund Hazardous Substances Basic Research and Education                    | A03-3298                   | Duke University                |                              |
| 93.143      | I                | 23,384               | NIEHS Superfund Hazardous Substances Basic Research and Education                    | A03-4494                   | Duke University                |                              |
| 93.143      | I                | 32,376               | NIEHS Superfund Hazardous Substances Basic Research and Education                    | M1800350                   | Texas A&M Univ.                |                              |
| 93.143      | I                | (9,805)              | NIEHS Superfund Hazardous Substances Basic Research and Education                    | P0527A-A                   | Oregon State Univ.             |                              |
| 93.143      | I                | 192,283              | NIEHS Superfund Hazardous Substances Basic Research and Education                    | PO-0000139879              | Louisiana State Univ           |                              |
| 93.143      | I                | 38,888               | NIEHS Superfund Hazardous Substances Basic Research and Education                    | PO-0000143061              | Louisiana State Univ           |                              |
| 93.143      | I                | 33,664               | NIEHS Superfund Hazardous Substances Basic Research and Education                    | WSU23012                   | Wayne State University         |                              |
| 93.172      | I                | 49,105               | Human Genome Research  | KK2306                     | Univ Of Cal - Santa Barbara    |                              |
| 93.173      | D                | 1,156,180            | Research Related to Deafness and Communication Disorders                             |                            |                                |                              |
| 93.213      | I                | (5,789)              | Research and Training in Complementary and Integrative Health                        | 10049254-02:PO#U000250448  | Univ Of Utah                   |                              |
| 93.242      | D                | 39,214               | Mental Health Research Grants  |                            |                                |                              |
| 93.242      | I                | 127,719              | Mental Health Research Grants  | 2021-2793                  | Vizma Life Sciences            |                              |
| 93.242      | I                | 487                  | Mental Health Research Grants  | PIN 2019-175NCSU           | Pinnacle Technology, Inc.      |                              |
| 93.242      | I                | 277,170              | Mental Health Research Grants  | PIN 2022-176NCSU           | Pinnacle Technology, Inc.      |                              |
| 93.242      | I                | 69,482               | Mental Health Research Grants  | RC113594NCSU               | Michigan State University      |                              |
| 93.262      | I                | 8,301                | Occupational Safety and Health Program   | 3210001810-20-165          | Univ Of Kentucky Res. Found.   |                              |
| 93.262      | I                | 1,906                | Occupational Safety and Health Program   | 3210001811-21-242          | Univ Of Kentucky               |                              |
| 93.262      | I                | 14,942               | Occupational Safety and Health Program   | 3210001811-22-134          | Univ Of Kentucky Res. Found.   |                              |
| 93.262      | I                | 14,522               | Occupational Safety and Health Program   | 3210001811-22-135          | Univ Of Kentucky Res. Found.   |                              |
| 93.279      | D                | 378,777              | Drug Abuse and Addiction Research Programs   |                            |                                |                              |
| 93.279      | I                | 57,076               | Drug Abuse and Addiction Research Programs   | 1562169 PO#1001662182      | Univ Of Colorado - Boulder     |                              |
| 93.279      | I                | 351,191              | Drug Abuse and Addiction Research Programs   | GB10809. PO#2260692        | Univ Of Virginia               |                              |
| 93.279      | I                | 251,892              | Drug Abuse and Addiction Research Programs   | KK2275                     | Univ Of Cal - Santa Barbara    |                              |
| 93.286      | D                | 1,311,607            | Discovery and Applied Research for Technological Innovations to Improve Human Health |                            |                                |                              |
| 93.286      | I                | 106,950              | Discovery and Applied Research for Technological Innovations to Improve Human Health | 1090608-456797             | Carnegie Mellon Univ           |                              |
| 93.307      | D                | 505,116              | Minority Health and Health Disparities Research                                      |                            |                                |                              |
| 93.310      | D                | 93,832               | Trans-NIH Research Support   |                            |                                |                              |
| 93.310      | I                | 9,820                | Trans-NIH Research Support   | 1837-45103-11000001469     | Wake Forest Univ Hlth Sciences |                              |
| 93.310      | I                | (145,828)            | Trans-NIH Research Support   | A031918                    | Duke University                |                              |
| 93.310      | I                | 19,943               | Trans-NIH Research Support   | F2025-03 PO# IB00672326    | New York University            |                              |
| 93.350      | I                | 4,884                | National Center for Advancing Translational Sciences                                 | 1598                       | Univ Of Wisconsin- Madison     |                              |
| 93.350      | I                | 846                  | National Center for Advancing Translational Sciences                                 | 1599                       | Univ Of Wisconsin- Madison     |                              |
| 93.350      | I                | 54,149               | National Center for Advancing Translational Sciences                                 | 2354                       | Univ Of Wisconsin- Madison     |                              |
| 93.350      | I                | 64,007               | National Center for Advancing Translational Sciences                                 | 2355                       | Univ Of Wisconsin- Madison     |                              |
| 93.350      | I                | 24,120               | National Center for Advancing Translational Sciences                                 | 705537                     | Univ Of California - San Diego |                              |
| 93.351      | D                | 577,993              | Research Infrastructure Programs   |                            |                                |                              |
| 93.351      | I                | 4,978                | Research Infrastructure Programs   | 1R43OD034168-01            | Vizma Life Sciences            |                              |
| 93.361      | I                | 10,538               | Nursing Research   | 304482/PO3100811606        | Children's Hospital Med Center |                              |
| 93.393      | D                | 2,082,857            | Cancer Cause and Prevention Research   |                            |                                |                              |
| 93.393      | I                | 2,692                | Cancer Cause and Prevention Research   | FP00008961_SA001           | Virginia Commonwealth Univ     |                              |
| 93.393      | I                | 4,882                | Cancer Cause and Prevention Research   | UFDSP00011890 P0032835     | Univ Of Florida                |                              |
| 93.394      | D                | 342,332              | Cancer Detection and Diagnosis Research  |                            |                                |                              |
| 93.394      | I                | 8,016                | Cancer Detection and Diagnosis Research  | 10695SC                    | Univ Of Cal - San Francisco    |                              |
| 93.394      | I                | 8,018                | Cancer Detection and Diagnosis Research  | 10696SC                    | Univ Of Cal - San Francisco    |                              |
| 93.394      | I                | 122,830              | Cancer Detection and Diagnosis Research  | 11915SC                    | Univ Of Cal - San Francisco    |                              |
| 93.394      | I                | 90,832               | Cancer Detection and Diagnosis Research  | A03-3223                   | Duke University                |                              |
| 93.395      | D                | 933,102              | Cancer Treatment Research  |                            |                                |                              |
| 93.395      | I                | 5,080                | Cancer Treatment Research  | 2020-3142                  | Xoran Technologies             |                              |
| 93.395      | I                | 5,708                | Cancer Treatment Research  | NCSU RADAR #22-2474        | Gradient Medical               |                              |
| 93.396      | D                | 14,276               | Cancer Biology Research  |                            |                                |                              |
| 93.397      | I                | 2,220                | Cancer Centers Support Grants  | ASUB08                     | Arizona State Univ.            |                              |

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|-------------|------------------|----------------------|---|----------------------------|--------------------------|--------------------------------|
| 93.398      | D                | 138,523              | Cancer Research Manpower  |                            |                          |                                |
| 93.421      | I                | 36,795               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health | 2022-1556                  |                          | Appalachian Sust. Agr'L Proj   |
| 93.421      | I                | (5,807)              | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health | PURCHASE ORDER NO. 7457    |                          | Cste                           |
| 93.421      | I                | 109,939              | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health | PURCHASE ORDER NO. 7722    |                          | Cste                           |
| 93.433      | D                | 646,535              | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                                     |                            |                          |                                |
| 93.433      | I                | 129,571              | ACL National Institute on Disability, Independent Living, and Rehabilitation Research                                     | SRALAB REF # 7249 / 82261  |                          | Rehabilitation Inst Of Chicago |
| 93.732      | D                | 539,946              | Mental and Behavioral Health Education and Training Grants  |                            |                          |                                |
| 93.788      | D                | 413,825              | Opioid STR  |                            |                          |                                |
| 93.837      | D                | 3,212,929            | Cardiovascular Diseases Research  |                            |                          |                                |
| 93.837      | I                | 1,642                | Cardiovascular Diseases Research  | 1R41HL154735-01            |                          | Sonovascular, Inc.             |
| 93.837      | I                | 70,543               | Cardiovascular Diseases Research  | 224730-2;1R01HL15986901A1  |                          | Cornell University             |
| 93.837      | I                | 74,535               | Cardiovascular Diseases Research  | AWD-001374-G2              |                          | Georgia Institute Of Tech.     |
| 93.837      | I                | 118,030              | Cardiovascular Diseases Research  | AWD00002464 (134768-1)     |                          | University Of Pittsburgh       |
| 93.837      | I                | (89,171)             | Cardiovascular Diseases Research  | NOR-249833-03/PO#67885765  |                          | Mayo Clinic                    |
| 93.837      | I                | 224,499              | Cardiovascular Diseases Research  | NOR-249833-04/PO#68482968  |                          | Mayo Clinic                    |
| 93.837      | I                | (14,934)             | Cardiovascular Diseases Research  | NOR-249833/PO#67147544     |                          | Mayo Clinic                    |
| 93.838      | D                | 537,957              | Lung Diseases Research  |                            |                          |                                |
| 93.838      | I                | 101,674              | Lung Diseases Research  | 2022-1663                  |                          | Univ Of Cal - Irvine           |
| 93.838      | I                | (29,495)             | Lung Diseases Research  | 772                        |                          | Univ Of Wisconsin              |
| 93.838      | I                | 19,366               | Lung Diseases Research  | A031768                    |                          | Duke University                |
| 93.839      | D                | 1,357,963            | Blood Diseases and Resources Research   |                            |                          |                                |
| 93.839      | I                | 48,989               | Blood Diseases and Resources Research   | 1R41HL156763-01A1          |                          | Selsym Biotech, Inc.           |
| 93.846      | D                | 1,344,190            | Arthritis, Musculoskeletal and Skin Diseases Research   |                            |                          |                                |
| 93.846      | I                | 482,253              | Arthritis, Musculoskeletal and Skin Diseases Research   | 18247                      |                          | Univ Of Illinois-Chicago       |
| 93.846      | I                | 21,458               | Arthritis, Musculoskeletal and Skin Diseases Research   | 60063021 NCSU              |                          | Northwestern University        |
| 93.846      | I                | 16,962               | Arthritis, Musculoskeletal and Skin Diseases Research   | A034674                    |                          | Duke University                |
| 93.847      | D                | 158,706              | Diabetes, Digestive, and Kidney Diseases Extramural Research  |                            |                          |                                |
| 93.847      | I                | 13,079               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 1R41DK135288-01            |                          | Selsym Biotech, Inc.           |
| 93.847      | I                | (100)                | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 917572                     |                          | Fred Hutchinson Cancer Res Cen |
| 93.847      | I                | 69,640               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | A031772                    |                          | Duke University                |
| 93.853      | D                | 1,211,125            | Extramural Research Programs in the Neurosciences and Neurological Disorders  |                            |                          |                                |
| 93.853      | I                | (70)                 | Extramural Research Programs in the Neurosciences and Neurological Disorders  | 2019-1338                  |                          | Soymeds, Inc                   |
| 93.853      | I                | 40,728               | Extramural Research Programs in the Neurosciences and Neurological Disorders  | 9367-NCS                   |                          | Indiana University             |
| 93.853      | I                | 60,186               | Extramural Research Programs in the Neurosciences and Neurological Disorders  | 997809                     |                          | Njit                           |
| 93.853      | I                | 64,830               | Extramural Research Programs in the Neurosciences and Neurological Disorders  | A032878                    |                          | Duke University                |
| 93.853      | I                | 13,968               | Extramural Research Programs in the Neurosciences and Neurological Disorders  | A15-0089-S001              |                          | Univ Of Cal - Santa Cruz       |
| 93.855      | D                | 1,134,127            | Allergy and Infectious Diseases Research  |                            |                          |                                |
| 93.855      | I                | 47,870               | Allergy and Infectious Diseases Research  | 1R41DK135288-01            |                          | Banfieldbio Inc                |
| 93.855      | I                | 36,404               | Allergy and Infectious Diseases Research  | 1R44AI172565-01            |                          | Banfieldbio Inc                |
| 93.855      | I                | 19,389               | Allergy and Infectious Diseases Research  | 200002510                  |                          | Cleveland State University     |
| 93.855      | I                | 48,751               | Allergy and Infectious Diseases Research  | 2020-0649                  |                          | Synoxa Sciences, Inc.          |
| 93.855      | I                | 51,542               | Allergy and Infectious Diseases Research  | 2020-1700                  |                          | Synoxa Sciences, Inc.          |
| 93.855      | I                | 37,909               | Allergy and Infectious Diseases Research  | 2021-1866                  |                          | Synshark LLC                   |
| 93.855      | I                | (3,215)              | Allergy and Infectious Diseases Research  | 3021735                    |                          | Duke University                |
| 93.855      | I                | 6,611                | Allergy and Infectious Diseases Research  | 3021926                    |                          | Duke University                |
| 93.855      | I                | 15,157               | Allergy and Infectious Diseases Research  | 303000649                  |                          | Duke University                |
| 93.855      | I                | 5,432                | Allergy and Infectious Diseases Research  | 303001883                  |                          | Duke University                |
| 93.855      | I                | 155,855              | Allergy and Infectious Diseases Research  | G-45078-02                 |                          | Colorado State Univ.           |
| 93.855      | I                | 22,494               | Allergy and Infectious Diseases Research  | PH000875A                  |                          | Harvard Pilgrim Health Care    |
| 93.859      | D                | 8,186,268            | Biomedical Research and Research Training   |                            |                          |                                |
| 93.859      | I                | 131,133              | Biomedical Research and Research Training   | 1090551-404471             |                          | Carnegie Mellon Univ           |
| 93.859      | I                | 2,121                | Biomedical Research and Research Training   | 11001041-052               |                          | Purdue University              |
| 93.859      | I                | 78,257               | Biomedical Research and Research Training   | 13268SC                    |                          | Univ Of California-San Francis |
| 93.859      | I                | 19,413               | Biomedical Research and Research Training   | 2022-55                    |                          | University Of Oklahoma         |
| 93.859      | I                | 31,795               | Biomedical Research and Research Training   | ANI1005                    |                          | Adamas Nanotechnologies, Inc.  |
| 93.859      | I                | 40,744               | Biomedical Research and Research Training   | ANI1010                    |                          | Adamas Nanotechnologies, Inc.  |
| 93.859      | I                | 86,502               | Biomedical Research and Research Training   | OS00000957                 |                          | Univ Of Miami                  |
| 93.865      | D                | 2,700,785            | Child Health and Human Development Extramural Research  |                            |                          |                                |
| 93.865      | I                | 49,320               | Child Health and Human Development Extramural Research  | 2020-0928                  |                          | Palkous Therapeutics Inc.      |
| 93.865      | I                | 28,072               | Child Health and Human Development Extramural Research  | 62986540-226096            |                          | Stanford Univ                  |
| 93.865      | I                | 236,116              | Child Health and Human Development Extramural Research  | A03-1205                   |                          | Duke University                |

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|---|------------------|----------------------|--|----------------------------|--------------------------------|------------------------------|
| 93.865  | I                | (2,264)              | Child Health and Human Development Extramural Research                                       | A031468                    | Duke University                |                              |
| 93.865  | I                | 183,793              | Child Health and Human Development Extramural Research                                       | M2102467                   | Texas A&M Univ.                |                              |
| 93.866  | D                | 348,128              | Aging Research   |                            |                                |                              |
| 93.866  | I                | 10,093               | Aging Research   | 2019-0684                  | Karamedica Inc.                |                              |
| 93.866  | I                | 11,291               | Aging Research   | 571259                     | Univ Of Pennsylvania           |                              |
| 93.866  | I                | 193,212              | Aging Research   | 583547 PO#4762135          | Univ Of Pennsylvania           |                              |
| 93.866  | I                | 62,590               | Aging Research   | 584757 PO#4927332          | Univ Of Pennsylvania           |                              |
| 93.866  | I                | 23,262               | Aging Research   | 60063415 NCSU              | Northwestern University        |                              |
| 93.866  | I                | 87,876               | Aging Research   | A034122                    | Duke University                |                              |
| 93.867  | I                | 102                  | Vision Research  | 2019-1724                  | Biomarck Pharmaceuticals       |                              |
| 93.867  | I                | (815)                | Vision Research  | 2020-0615                  | Retinal Care                   |                              |
| 93.867  | I                | 193,877              | Vision Research  | 2021-1818                  | Retinal Care                   |                              |
| 93.876  | D                | 173,446              | Antimicrobial Resistance Surveillance in Retail Food Specimens                               |                            |                                |                              |
| 93.879  | D                | 68,737               | Medical Library Assistance   |                            |                                |                              |
| 93.958  | I                | 263,847              | Block Grants for Community Mental Health Services  | 3770303                    | State Of Rhode Island          |                              |
| 93.959  | I                | 93,692               | Block Grants for Prevention and Treatment of Substance Abuse                                 | UTA21-000032               | University Of Texas - Austin   |                              |
| 93.RD   | D                | 30,844               | U. S. Department of Health and Human Services  |                            |                                | 22IPA2211283                 |
| 93.RD   | D                | 105,062              | U. S. Department of Health and Human Services  |                            |                                | 75D30121C10186               |
| 93.RD   | D                | 150,007              | U. S. Department of Health and Human Services  |                            |                                | 75D30121C10561               |
| 93.RD   | D                | 561,086              | U. S. Department of Health and Human Services  |                            |                                | 75D30121C11587               |
| 93.RD   | D                | (11,919)             | U. S. Department of Health and Human Services  |                            |                                | 75F40120C00124               |
| 93.RD   | D                | 90,654               | U. S. Department of Health and Human Services  |                            |                                | 75F40121C00065               |
| 93.RD   | D                | 98,504               | U. S. Department of Health and Human Services  |                            |                                | 75F40121C00123               |
| 93.RD   | D                | 962                  | U. S. Department of Health and Human Services  |                            |                                | HHSF2232018100261            |
| 93.RD   | D                | 25,962               | U. S. Department of Health and Human Services  |                            |                                | IPA P22-002809               |
| 93.RD   | I                | 2,604                | U. S. Department of Health and Human Services  | 0321.04.014/05             | Eastern Research Group, Inc.   | 0321.04.014/05               |
| 93.RD   | I                | 3,999                | U. S. Department of Health and Human Services  | 2020-1071                  | Eyedesis Biosciences, LLC      | 2020-1071                    |
| 93.RD   | I                | 136,601              | U. S. Department of Health and Human Services  | 2021-0864                  | Ramona Optics                  | 2021-0864                    |
| 93.RD   | I                | 28,522               | U. S. Department of Health and Human Services  | 302000242                  | Duke University                | 302000242                    |
| 93.RD   | I                | 252,635              | U. S. Department of Health and Human Services  | SUB00002741-3U             | Univ Of Georgia                | SUB00002741-3U               |
| 93.RD   | I                | 98,626               | U. S. Department of Health and Human Services  | UWSC10535 BPO#32122        | Univ Of Washington             | UWSC10535 BPO#32122          |
| 93.U03  | D                | (92,481)             | U. S. Department of Health and Human Services  |                            |                                | 70RSAT22CB0000014            |
| 93.U04  | D                | 21,913               | U. S. Department of Health and Human Services  |                            |                                | 22IPA2211283                 |
| 93.U05  | D                | 32,651               | U. S. Department of Health and Human Services  |                            |                                | SUB00002085                  |
| 93.U06  | I                | 38,380               | U. S. Department of Health and Human Services  | 6 NU38OT000304-04-02       | Nemours Foundation             | SUB00001966                  |
| 94.006  | I                | 2,584                | AmeriCorps   | 21AFHNC0010003             | NC Commis. Volunteer & Com Ser |                              |
| 94.006  | I                | 406,584              | AmeriCorps   | 22ACHNC0010001             | NC Commis. Volunteer & Com Ser |                              |
| 94.006  | I                | 20,609               | AmeriCorps   | ASUB00001164               | Arizona State Univ.            |                              |
| 97.044  | D                | 800,196              | Assistance to Firefighters Grant   |                            |                                |                              |
| 97.044  | I                | 20,157               | Assistance to Firefighters Grant   | 2022-2147                  | Wildfire Conservancy           |                              |
| 97.044  | I                | 366,465              | Assistance to Firefighters Grant   | 5182                       | Fire Protection Research Fdn.  |                              |
| 97.044  | I                | 86,250               | Assistance to Firefighters Grant   | EMW-2019-FP-00944          | Wildfire Conservancy           |                              |
| 97.044  | I                | (1,793)              | Assistance to Firefighters Grant   | R000002506                 | Florida State Univ             |                              |
| 97.061  | I                | 72,367               | Centers for Homeland Security  | E2059490                   | George Mason University        |                              |
| 97.RD   | I                | 37,789               | U. S. Department of Homeland Security  | 212079-01                  | Texas Tech University          | 212079-01                    |
| 97.RD   | I                | 64,452               | U. S. Department of Homeland Security  | 70RSAT22CB0000014          | Protect The Force, Inc.        | 70RSAT22CB0000014            |
| 98.001  | I                | 2,486                | USAID Foreign Assistance for Programs Overseas   | A00-0864-S011              | Kansas State University        |                              |
| 98.001  | I                | 62,514               | USAID Foreign Assistance for Programs Overseas   | SCON-10000559              | National Academy Of Sciences   |                              |
| 98.001  | I                | 15,524               | USAID Foreign Assistance for Programs Overseas   | SUB00001921                | Board Reg Univ System Georgia  |                              |
| 98.RD   | I                | 112,165              | U. S. Agency for International Development   | SUB00001966                | Univ Of Georgia                | SUB00001966                  |
| 98.RD   | I                | 68,738               | U. S. Agency for International Development   | SUB00002085                | Univ Of Georgia                | SUB00002085                  |
| 98.RD   | I                | 1                    | U. S. Agency for International Development   | SUB00002332                | Univ Of Georgia                | SUB00002332                  |
| 98.U01  | D                | 476                  | U. S. Agency for International Development   |                            |                                | 6 NU38OT000304-04-02         |
|   |                  | <u>442,345,347</u>   | Total - North Carolina State University  |                            |                                |                              |
| <b>University of North Carolina System Office</b> |                  |                      |  |                            |                                |                              |
| 21.027  | D                | 59,041,861           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                 |                            |                                |                              |
| 45.024  | D                | 60,000               | Promotion of the Arts Grants to Organizations and Individuals                                |                            |                                |                              |
| 47.076  | D                | 1,862                | Education and Human Resources  |                            |                                |                              |
| 64.124  | D                | 141,659              | All-Volunteer Force Educational Assistance   |                            |                                |                              |
| 84.215  | D                | 44,105               | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods |                            |                                |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                 | Additional Award Information |
|--|------------------|----------------------|---|--|--|------------------------------|
| 84.305   | D                | 125,521              | Transformative Research in the Education Sciences   |  |  |                              |
| 84.334   | D                | 4,670,975            | Gaining Early Awareness and Readiness for Undergraduate Programs  |  |  |                              |
|  |                  | <u>64,085,983</u>    | Total - University of North Carolina System Office  |  |  |                              |
| <b>University of North Carolina at Asheville</b>   |                  |                      |   |  |  |                              |
| 10.652   | D                | 159,828              | Forestry Research   |  |  |                              |
| 10.664   | D                | 8,685                | Cooperative Forestry Assistance   |  |  |                              |
| 11.431   | I                | 26,739               | Climate and Atmospheric Research  | Mod 1305M321FNRM0067P21001   | Harmonic International                   |                              |
| 12.431   | I                | 28,091               | Basic Scientific Research   | SUB00003095  | Univ of Georgia                          |                              |
| 15.650   | D                | 13,275               | Research Grants (Generic)   |  |  |                              |
| 15.657   | D                | 7,317                | Endangered Species Recovery Implementation  |  |  |                              |
| 15.808   | D                | 1,761                | U.S. Geological Survey Research and Data Collection   |  |  |                              |
| 15.945   | D                | 2                    | Cooperative Research and Training Programs – Resources of the National Park System  |  |  |                              |
| 43.001   | I                | 5,620                | Science   | HST-GO-16242.003-A   | Space Telescope Science Institute        |                              |
| 43.001   | I                | 114,488              | Science   | HST-GO-16259.014-A   | Space Telescope Science Institute        |                              |
| 43.001   | I                | 384                  | Science   | HST-GO-17121.003-A   | Space Telescope Science Institute        |                              |
| 43.001   | I                | 13,712               | Science   | MA1712   | Univ of Hawaii                           |                              |
| 45.162   | D                | 39,524               | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development  |  |  |                              |
| 47.049   | D                | 126,486              | Mathematical and Physical Sciences  |  |  |                              |
| 47.050   | D                | 53,624               | Geosciences   |  |  |                              |
| 47.070   | I                | 15,407               | Computer and Information Science and Engineering  | SUB00001775  | Univ of Georgia                          |                              |
| 47.074   | D                | 80,578               | Biological Sciences   |  |  |                              |
| 47.074   | I                | 7,005                | Biological Sciences   | FU10268  | Furman Univ                              |                              |
| 47.076   | D                | 120,045              | Education and Human Resources   |  |  |                              |
| 81.119   | D                | 4,146                | State Energy Program Special Projects   |  |  |                              |
| 84.007   | D                | 136,996              | Federal Supplemental Educational Opportunity Grants   |  |  |                              |
| 84.033   | D                | 96,758               | Federal Work-Study Program  |  |  |                              |
| 84.038   | D                | 718,931              | Federal Perkins Loan Program Federal Capital Contributions  |  |  |                              |
| 84.063   | D                | 4,697,795            | Federal Pell Grant Program  |  |  |                              |
| 84.268   | D                | 8,831,263            | Federal Direct Student Loans  |  |  |                              |
| 84.425E  | D                | 1,690,773            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion  |  |  |                              |
| 84.425F  | D                | 2,325,472            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion  |  |  |                              |
| 84.425M  | D                | 408,036              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                                       |  |  |                              |
| 93.048   | D                | 354,852              | Special Programs for the Aging, Title IV, and Title II, Discretionary Projects  |  |  |                              |
| 93.286   | I                | 235,383              | Discovery and Applied Research for Technological Innovations to Improve Human Health  | KK1944   | Univ of CA at Santa Barbara              |                              |
| 93.734   | D                | 795,079              | Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs – financed by Prevention and Public Health Funds (PPHF) |  |  |                              |
| 93.855   | D                | 53,769               | Allergy and Infectious Diseases Research  |  |  |                              |
| 93.859   | D                | 83,705               | Biomedical Research and Research Training   |  |  |                              |
| 93.945   | D                | 360,343              | Assistance Programs for Chronic Disease Prevention and Control  |  |  |                              |
|  |                  | <u>21,615,872</u>    | Total - University of North Carolina at Asheville   |  |  |                              |
| <b>University of North Carolina at Chapel Hill</b> |                  |                      |   |  |  |                              |
| 08.RD  | D                | 3,925                | U. S. Peace Corps   |  |  | A13-0655-001                 |
| 10.001   | I                | 17,730               | Agricultural Research Basic and Applied Research  | G-202104-67775   | CRDF Global                              |                              |
| 10.001   | I                | 14,321               | Agricultural Research Basic and Applied Research  | R-202105-67760   | CRDF Global                              |                              |
| 10.212   | I                | (25,736)             | Small Business Innovation Research  | SBIR--A Community Focused Participatory Research Program to Evaluate COSolutions | Innovative Educational Resources, LLC    |                              |
| 10.215   | I                | 906                  | Sustainable Agriculture Research and Education  | SUB00002765  | University of Georgia                    |                              |
| 10.310   | D                | 337,647              | Agriculture and Food Research Initiative (AFRI)   |  |  |                              |
| 10.351   | D                | 242,705              | Rural Business Development Grant  |  |  |                              |
| 10.500   | I                | 54,396               | Cooperative Extension Service   | F9000067402040   | Purdue University                        |                              |
| 10.533   | D                | 231,669              | SNAP-Ed Toolkit   |  |  |                              |
| 10.561   | I                | 27,500               | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program  | 4400028108   | South Carolina Department of Social Serv |                              |
| 10.561   | I                | 7,493                | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program  | 4400030422   | South Carolina Department of Social Serv |                              |



State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|---|--|--|------------------------------|
| 10.561      | I                | 21,451               | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program          | Use of Go NAPSACC in Missouri  | The Curators of the University of Missouri |                              |
| 10.707      | D                | 52,310               | Research Joint Venture and Cost Reimbursable Agreements   |  |  |                              |
| 10.RD       | D                | 2,484                | U. S. Department of Agriculture   |  |  | A19-0197-001                 |
| 11.012      | D                | 64,184               | Integrated Ocean Observing System (IOOS)  |  |  |                              |
| 11.012      | I                | 56,619               | Integrated Ocean Observing System (IOOS)  | 204290UNC  | University of Notre Dame                   |                              |
| 11.012      | I                | 1,004                | Integrated Ocean Observing System (IOOS)  | IOOS.16(028)UNCCH.HS.OBS.  | SECOORA Program                            |                              |
| 11.012      | I                | 329,114              | Integrated Ocean Observing System (IOOS)  | IOOS.21(097)UNCCH.BB   | SECOORA Program                            |                              |
| 11.012      | I                | 78,913               | Integrated Ocean Observing System (IOOS)  | IOOS.21(097)UNCCH.HS   | SECOORA Program                            |                              |
| 11.012      | I                | 5,583                | Integrated Ocean Observing System (IOOS)  | IOOS.22(178)UNCCH.HS.HURG  | SECOORA Program                            |                              |
| 11.303      | D                | 93,865               | Economic Development Technical Assistance   |  |  |                              |
| 11.307      | D                | 777,137              | Economic Adjustment Assistance  |  |  |                              |
| 11.419      | I                | 15,760               | Coastal Zone Management Administration Awards   | 290550B  | University of Oregon                       |                              |
| 11.431      | D                | 96,385               | Climate and Atmospheric Research  |  |  |                              |
| 11.431      | I                | 14,017               | Climate and Atmospheric Research  | 17-3250/PO2000030010   | University of South Carolina (USC)         |                              |
| 11.431      | I                | 770                  | Climate and Atmospheric Research  | 505016-78050   | Northeastern University                    |                              |
| 11.459      | D                | 970                  | Weather and Air Quality Research  |  |  |                              |
| 11.478      | D                | 184,349              | Center for Sponsored Coastal Ocean Research Coastal Ocean Program                               |  |  |                              |
| 11.RD       | D                | (1,626)              | U. S. Department of Commerce  |  |  | A17-0434-010                 |
| 11.RD       | D                | 30,582               | U. S. Department of Commerce  |  |  | A20-1006-001                 |
| 11.RD       | D                | (7,635)              | U. S. Department of Commerce  |  |  | A21-1366-001                 |
| 11.RD       | D                | 581,741              | U. S. Department of Commerce  |  |  | A21-1366-002                 |
| 11.RD       | D                | 41,675               | U. S. Department of Commerce  |  |  | A21-1366-003                 |
| 11.RD       | D                | 117,531              | U. S. Department of Commerce  |  |  | A21-1366-004                 |
| 12.006      | D                | 1,170,085            | National Defense Education Program  |  |  |                              |
| 12.300      | D                | 1,842,276            | Basic and Applied Scientific Research   |  |  |                              |
| 12.300      | I                | (1,158)              | Basic and Applied Scientific Research   | 2020-018-01-UNC1   | IHMC Florida Institute of Human and Mach   |                              |
| 12.300      | I                | 82,738               | Basic and Applied Scientific Research   | 313-0855   | Duke University                            |                              |
| 12.300      | I                | 154,802              | Basic and Applied Scientific Research   | A20-0047-5004  | Rensselaer Polytechnic Institute (RPI)     |                              |
| 12.300      | I                | 210,492              | Basic and Applied Scientific Research   | KR 704625  | University of California at San Diego      |                              |
| 12.330      | D                | 37,032               | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |  |  |                              |
| 12.351      | D                | 70,854               | Scientific Research - Combating Weapons of Mass Destruction                                     |  |  |                              |
| 12.351      | I                | 55,749               | Scientific Research - Combating Weapons of Mass Destruction                                     | 60071490-GR115753  | Ohio State University                      |                              |
| 12.351      | I                | 176,015              | Scientific Research - Combating Weapons of Mass Destruction                                     | SA21-11  | Pennsylvania State University              |                              |
| 12.420      | D                | 9,015,332            | Military Medical Research and Development   |  |  |                              |
| 12.420      | I                | 79,589               | Military Medical Research and Development   | 0000002723 220726  | University of Texas Southwestern Medical   |                              |
| 12.420      | I                | 69,521               | Military Medical Research and Development   | 080-04000-X18601   | Thomas Jefferson University                |                              |
| 12.420      | I                | 79,386               | Military Medical Research and Development   | 237271   | Massachusetts General Hospital             |                              |
| 12.420      | I                | 4,284                | Military Medical Research and Development   | 309-01   | SUNY Buffalo Roswell Park Cancer Institute |                              |
| 12.420      | I                | 20,690               | Military Medical Research and Development   | 3130817  | Duke University                            |                              |
| 12.420      | I                | 50,124               | Military Medical Research and Development   | 3150/ 855506   | Henry M Jackson Foundation                 |                              |
| 12.420      | I                | 56,317               | Military Medical Research and Development   | 3200002668-19-039 780000   | University of Kentucky (UK)                |                              |
| 12.420      | I                | 8,199                | Military Medical Research and Development   | 60056923 UNC   | Northwestern University                    |                              |
| 12.420      | I                | 191                  | Military Medical Research and Development   | AWD00003102 (417252-   | University of Pittsburgh                   |                              |
| 12.420      | I                | 26,011               | Military Medical Research and Development   | CVRE-04  | Minnesota Veterans Medical Research and    |                              |
| 12.420      | I                | (2,355)              | Military Medical Research and Development   | FOCUS-CI: A Preventive Intervention With Children and Families of the Combat Injured | Henry M Jackson Foundation                 |                              |
| 12.420      | I                | 2,797                | Military Medical Research and Development   | PO P700000279  | Baylor University College of Medicine      |                              |
| 12.420      | I                | 276,065              | Military Medical Research and Development   | SUB00000106-UNC/WA0118039  | University of Massachusetts Medical School |                              |
| 12.420      | I                | 505                  | Military Medical Research and Development   | SUB00002485  | University of Georgia                      |                              |
| 12.420      | I                | (3,277)              | Military Medical Research and Development   | The Assessment of Military Multitasking Performance                                  | Allina Health System                       |                              |
| 12.420      | I                | 18,341               | Military Medical Research and Development   | VUMC108453   | Vanderbilt University Medical Center       |                              |
| 12.420      | I                | 49,991               | Military Medical Research and Development   | VUMC83140  | Vanderbilt University Medical Center       |                              |
| 12.420      | I                | 26,566               | Military Medical Research and Development   | Z3C00010 0011340322  | University of Kansas Medical Center        |                              |
| 12.431      | D                | 447,752              | Basic Scientific Research   |  |  |                              |
| 12.550      | I                | 53,083               | The Language Flagship Grants to Institutions of Higher Education                                | 0054-UNC-17-SSR-280-   | Institute of International Education, In   |                              |
| 12.550      | I                | 313,483              | The Language Flagship Grants to Institutions of Higher Education                                | BOR21-UNC-16-RUS-P01   | Institute of International Education, In   |                              |
| 12.550      | I                | 452                  | The Language Flagship Grants to Institutions of Higher Education                                | BOR21-UNC-16-RUS-P01   | Institute of International Education, In   |                              |
| 12.630      | D                | 2,750                | Basic, Applied, and Advanced Research in Science and Engineering                                |  |  |                              |
| 12.630      | I                | 2,507                | Basic, Applied, and Advanced Research in Science and Engineering                                | 191000.361536.01   | Mississippi State University               |                              |
| 12.750      | I                | 243,850              | Uniformed Services University Medical Research Projects   | 383000540  | Duke University                            |                              |
| 12.750      | I                | 38,048               | Uniformed Services University Medical Research Projects   | S-11021-14-01  | Geneva Foundation                          |                              |
| 12.800      | D                | 647,270              | Air Force Defense Research Sciences Program   |  |  |                              |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|--|--|---|------------------------------|
| 12.800      | I                | 16,839               | Air Force Defense Research Sciences Program  | 23-AMSTC-203234-UNC_Chill  | Auburn University                               |                              |
| 12.800      | I                | 31,346               | Air Force Defense Research Sciences Program  | NB18-21-28   | Nano-Bio Materials Consortium (NBMC)            |                              |
| 12.800      | I                | 227,754              | Air Force Defense Research Sciences Program  | SUB0000437   | Princeton University                            |                              |
| 12.900      | D                | 19,152               | Language Grant Program   |  |   |                              |
| 12.910      | D                | 5,925,919            | Research and Technology Development  |  |   |                              |
| 12.910      | I                | 65,432               | Research and Technology Development  | 04702-UNC  | University of Akron                             |                              |
| 12.910      | I                | 638,242              | Research and Technology Development  | 11542SC  | University of California at San Francisco       |                              |
| 12.910      | I                | 253,087              | Research and Technology Development  | UWSC11456/BPO 43409  | University of Washington                        |                              |
| 12.RD       | D                | (351)                | U. S. Department of Defense  |  |   | A14-0466-001                 |
| 12.RD       | D                | 330,762              | U. S. Department of Defense  |  |   | A17-1205-001                 |
| 12.RD       | D                | 142,196              | U. S. Department of Defense  |  |   | A19-1624-001                 |
| 12.RD       | D                | 451,992              | U. S. Department of Defense  |  |   | A20-0940-001                 |
| 12.RD       | D                | 74,308               | U. S. Department of Defense  |  |   | A20-1350-001                 |
| 12.RD       | D                | 31,198               | U. S. Department of Defense  |  |   | A22-0058-001                 |
| 12.RD       | D                | 34,396               | U. S. Department of Defense  |  |   | A22-1092-001                 |
| 12.RD       | D                | 248,823              | U. S. Department of Defense  |  |   | A22-1530-001                 |
| 12.RD       | D                | 750,909              | U. S. Department of Defense  |  |   | A23-0445-001                 |
| 12.RD       | I                | 153,665              | U. S. Department of Defense  | 1-312-0218234-66654L   | Research Triangle Institute (RTI International) | A21-1753-001                 |
| 12.RD       | I                | (1,425)              | U. S. Department of Defense  | 1-340-0216217-65155L   | Research Triangle Institute (RTI International) | A17-1749-001                 |
| 12.RD       | I                | 98,527               | U. S. Department of Defense  | 1561995/ 1001699544  | University of Colorado at Boulder               | A22-1164-001                 |
| 12.RD       | I                | 971,049              | U. S. Department of Defense  | 1909-005   | Medical CBRN Defense Consortium (MCDC)          | A20-0490-001                 |
| 12.RD       | I                | 75,535               | U. S. Department of Defense  | 21-3517  | Clearsens, Inc.                                 | A21-1358-001                 |
| 12.RD       | I                | 262,744              | U. S. Department of Defense  | 3130816  | Duke University                                 | A18-1436-001                 |
| 12.RD       | I                | 52,926               | U. S. Department of Defense  | 353-000274   | Duke University                                 | A22-1669-001                 |
| 12.RD       | I                | 133,018              | U. S. Department of Defense  | 5665/1013623/66062   | Henry M Jackson Foundation                      | A21-1396-001                 |
| 12.RD       | I                | 94,963               | U. S. Department of Defense  | 9735-1 A10014  | International AIDS Vaccine Initiative           | A21-1743-001                 |
| 12.RD       | I                | 1,683                | U. S. Department of Defense  | Machine Learned Guided Discovery of 3D Printed Elastomers                                    | Eccalon, LLC                                    | A23-1237-001                 |
| 12.RD       | I                | 199,998              | U. S. Department of Defense  | PO 00170885/4T126  | Teledyne Scientific & Imaging, LLC              | A22-1546-001                 |
| 12.RD       | I                | 31,364               | U. S. Department of Defense  | RI013906   | University of Dayton                            | A23-0159-001                 |
| 12.RD       | I                | 68,008               | U. S. Department of Defense  | S-001460.00000.UNC   | Applied Research Associates, Inc.               | A12-0950-001                 |
| 12.RD       | I                | 27,348               | U. S. Department of Defense  | SBIR: Large-area Hard X-ray Imager Based on Perovskite Nanocrystal Films                     | Perotech, Inc.                                  | A22-1233-001                 |
| 12.RD       | I                | 98,956               | U. S. Department of Defense  | SBIR: Low-cost, High Efficiency, and Flexible Perovskite Solar Modules by Fast Blade Coating | Perotech, Inc.                                  | A22-1718-001                 |
| 12.RD       | I                | 37,854               | U. S. Department of Defense  | UNC-22-S-003   | Woolpert, Inc.                                  | A22-1136-001                 |
| 13.RD       | I                | 105,810              | U.S. Central Intelligence Agency   | 202356/PO#P0057072   | Florida Institute of Technology                 | A18-1486-001                 |
| 14.218      | I                | 85,793               | Community Development Block Grants/Entitlement Grants                              | 25527  | The Water Institute of the Gulf                 |                              |
| 14.506      | D                | 52,992               | General Research and Technology Activity   |  |   |                              |
| 15.630      | I                | 16,606               | Coastal  | SUB00003538  | University of Florida                           |                              |
| 15.657      | D                | 9,372                | Endangered Species Recovery Implementation   |  |   |                              |
| 15.810      | D                | 63,389               | National Cooperative Geologic Mapping  |  |   |                              |
| 15.945      | D                | 358,920              | Cooperative Research and Training Programs – Resources of the National Park System |  |   |                              |
| 16.026      | D                | 174,396              | OVW Research and Evaluation Program  |  |   |                              |
| 16.320      | I                | (325)                | Services for Trafficking Victims   | Restore NYC Safehome Evaluation 2020   | Restore NYC                                     |                              |
| 16.560      | D                | 145,610              | National Institute of Justice Research, Evaluation, and Development Project Grants |  |   |                              |
| 16.560      | I                | 12,070               | National Institute of Justice Research, Evaluation, and Development Project Grants | 0548600001   | American Institutes for Research (AIR)          |                              |
| 16.745      | D                | 212,696              | Criminal and Juvenile Justice and Mental Health Collaboration Program              |  |   |                              |
| 16.745      | I                | 10,745               | Criminal and Juvenile Justice and Mental Health Collaboration Program              | Durham County Mental Health Court Best Practices Initiative                                  | Durham County                                   |                              |
| 16.812      | I                | 11,665               | Second Chance Act Reentry Initiative   | 2018-RFK-NRC-001   | Robert F. Kennedy Childrens Action Corps        |                              |
| 16.812      | I                | 37,056               | Second Chance Act Reentry Initiative   | Durham County Integrated Re-entry  | Durham County                                   |                              |
| 16.827      | I                | 40,643               | Justice Reinvestment Initiative  | 4600051092/ FJD2600  | Arkansas Administration Office of the Co        |                              |
| 16.827      | I                | 87,597               | Justice Reinvestment Initiative  | OJJDP FY 2020 Juvenile Justice System Enhancements   | Nebraska Administrative Office of the Co        |                              |
| 16.838      | I                | 73,481               | Comprehensive Opioid, Stimulant, and Substance Abuse Program                       | 359000046  | Duke University                                 |                              |
| 16.RD       | I                | (36,711)             | U. S. Department of Justice  | West Virginia Naloxone Administration Reporting System                                       | West Virginia Bureau for Public Health          | A19-0482-001                 |
| 19.415      | D                | 971                  | Professional and Cultural Exchange Programs - Citizen Exchanges                    |  |   |                              |
| 19.415      | I                | 1,486                | Professional and Cultural Exchange Programs - Citizen Exchanges                    | 022-0012-0040-01   | Meridian International Center                   |                              |
| 19.415      | I                | 907                  | Professional and Cultural Exchange Programs - Citizen Exchanges                    | A156-1   | Meridian International Center                   |                              |
| 19.415      | I                | 19,888               | Professional and Cultural Exchange Programs - Citizen Exchanges                    | A187-1   | Meridian International Center                   |                              |
| 19.415      | I                | 20,187               | Professional and Cultural Exchange Programs - Citizen Exchanges                    | A219-1   | Meridian International Center                   |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number  | Pass-Through Entity Name                 | Additional Award Information |
|-------------|------------------|----------------------|---|---|--|------------------------------|
| 19.RD       | I                | 8,425                | U. S. Department of State   | Development and Training of Four Advanced Courses Comprising the Universal Treatment Curriculum, Phase 1 and 2. | The Colombo Plan Secretariat             | A16-1605-001                 |
| 20.109      | D                | 407,494              | Air Transportation Centers of Excellence  |   |  |                              |
| 20.200      | D                | 179,775              | Highway Research and Development Program  |   |  |                              |
| 20.200      | I                | 13,800               | Highway Research and Development Program  | G199-23-W9652   | Montana State University                 |                              |
| 20.200      | I                | 24,946               | Highway Research and Development Program  | HR 03-139   | National Academy of Sciences             |                              |
| 20.200      | I                | 36,861               | Highway Research and Development Program  | HR 17-93 SUB0001359   | National Academy of Sciences             |                              |
| 20.200      | I                | 91,160               | Highway Research and Development Program  | HR 17-95 SUB0001528   | National Academy of Sciences             |                              |
| 20.200      | I                | (183)                | Highway Research and Development Program  | HR 22-47 - UNIT #905  | National Academy of Sciences             |                              |
| 20.200      | I                | 78,014               | Highway Research and Development Program  | M1902513  | Texas Transportation Institute           |                              |
| 20.200      | I                | 147,865              | Highway Research and Development Program  | SUB0001737 UNIT 905 HR-1  | National Academy of Sciences             |                              |
| 20.200      | I                | 104,977              | Highway Research and Development Program  | SUB0001856 UNIT 905   | National Academy of Sciences             |                              |
| 20.200      | I                | 62,827               | Highway Research and Development Program  | SUB0001866 UNIT 905   | National Academy of Sciences             |                              |
| 20.200      | I                | 67,408               | Highway Research and Development Program  | SUB0001884 UNIT 905   | National Academy of Sciences             |                              |
| 20.205      | I                | 38,866               | Highway Planning and Construction   | MNDOT Traffic Safety Evaluation   | HDR Engineering, Inc. , Minnesota        |                              |
| 20.205      | I                | 7,999                | Highway Planning and Construction   | UNC Vision Zero Team  | City of Burlington                       |                              |
| 20.215      | D                | 9,607                | Highway Training and Education  |   |  |                              |
| 20.505      | I                | 2,845                | Metropolitan Transportation Planning and State and Non-Metropolitan Planning and Research                     | 3006717902 SUBK00015265   | University of Michigan Board of Regents  |                              |
| 20.514      | I                | 215,018              | Public Transportation Research, Technical Assistance, and Training  | TCRP B-46 / PO# SUB0  | National Academy of Sciences             |                              |
| 20.614      | D                | 37,316               | National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements |   |  |                              |
| 20.614      | I                | 205,530              | National Highway Traffic Safety Administration (NHTSA) Discretionary Safety Grants and Cooperative Agreements | SUB0001537 BTS-10 912   | National Academy of Sciences             |                              |
| 20.701      | D                | 3,249,400            | University Transportation Centers Program   |   |  |                              |
| 20.701      | I                | 260,157              | University Transportation Centers Program   | UFDSP00011676   | University of Florida                    |                              |
| 20.RD       | D                | (674)                | U. S. Department of Transportation  |   |  | A11-1251-001                 |
| 20.RD       | D                | 157,268              | U. S. Department of Transportation  |   |  | A18-0228-001                 |
| 20.RD       | D                | 124,081              | U. S. Department of Transportation  |   |  | A18-0228-007                 |
| 20.RD       | D                | 128,552              | U. S. Department of Transportation  |   |  | A18-0228-008                 |
| 20.RD       | D                | 43                   | U. S. Department of Transportation  |   |  | A20-0997-001                 |
| 20.RD       | I                | 25,384               | U. S. Department of Transportation  | 2021-DOT-10206  | 2M Research                              | A21-1193-001                 |
| 20.RD       | I                | 8,622                | U. S. Department of Transportation  | 21-03.01  | Institute of Transportation Engineers    | A21-1416-001                 |
| 20.RD       | I                | (3)                  | U. S. Department of Transportation  | 38049-01  | Vanasse Hangen Brustlin, (VHB) Inc.      | A10-1687-001                 |
| 20.RD       | I                | (14,779)             | U. S. Department of Transportation  | 38049-01  | Vanasse Hangen Brustlin, (VHB) Inc.      | A11-1457-001                 |
| 20.RD       | I                | 9,079                | U. S. Department of Transportation  | 38541-15  | Vanasse Hangen Brustlin, (VHB) Inc.      | A16-1355-001                 |
| 20.RD       | I                | 28,167               | U. S. Department of Transportation  | 38617-23  | Vanasse Hangen Brustlin, (VHB) Inc.      | A17-1457-001                 |
| 20.RD       | I                | 28,653               | U. S. Department of Transportation  | 4500004657  | Boston University                        | A23-0832-001                 |
| 20.RD       | I                | 24                   | U. S. Department of Transportation  | 4562FHWA-UNC-1  | Cadmus Group                             | A18-0498-001                 |
| 20.RD       | I                | 3,243                | U. S. Department of Transportation  | 693JJ319F000371   | Cadmus Group                             | A20-0505-001                 |
| 20.RD       | I                | 101,042              | U. S. Department of Transportation  | 693JJ321F000044 39541.06  | Vanasse Hangen Brustlin, (VHB) Inc.      | A21-1669-001                 |
| 20.RD       | I                | 3,569                | U. S. Department of Transportation  | 693JJ321F000296/ 39541-19   | Vanasse Hangen Brustlin, (VHB) Inc.      | A21-1669-002                 |
| 20.RD       | I                | 35,714               | U. S. Department of Transportation  | 693JJ321F000400   | Cadmus Group                             | A22-0981-001                 |
| 20.RD       | I                | 10,890               | U. S. Department of Transportation  | 693JJ321F000421   | Cadmus Group                             | A22-0750-001                 |
| 20.RD       | I                | 55,442               | U. S. Department of Transportation  | 693JJ322F00143N/ 395  | Vanasse Hangen Brustlin, (VHB) Inc.      | A21-1669-005                 |
| 20.RD       | I                | 49,929               | U. S. Department of Transportation  | 693JJ322F00199N/39541-19  | Vanasse Hangen Brustlin, (VHB) Inc.      | A21-1669-006                 |
| 20.RD       | I                | 5,797                | U. S. Department of Transportation  | 693JJ922F00172N   | TransAnalytics                           | A23-0510-001                 |
| 20.RD       | I                | (6,120)              | U. S. Department of Transportation  | DTNH22-09-D-00135   | TransAnalytics                           | A10-1251-001                 |
| 20.RD       | I                | 20,889               | U. S. Department of Transportation  | HR 17-72  | National Academy of Sciences             | A15-1512-001                 |
| 20.RD       | I                | (5,669)              | U. S. Department of Transportation  | HR 25-36  | National Academy of Sciences             | A11-1025-001                 |
| 20.RD       | I                | 47,692               | U. S. Department of Transportation  | Low Cost Pedestrian Safety Zones Demonstration  | Dunlap and Associates, Inc.              | A20-0623-001                 |
| 20.RD       | I                | (8,481)              | U. S. Department of Transportation  | SUB0000104/HR1756   | National Academy of Sciences             | A12-1512-001                 |
| 21.027      | D                | 12,384,718           | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  |   |  |                              |
| 42.RD       | D                | 5,181                | U. S. Library of Congress   |   |  |                              |
| 43.001      | D                | 1,182,748            | Science   |   |  | A11-1028-001                 |
| 43.001      | I                | 12,160               | Science   | 1561168 1001566410  | University of Colorado at Boulder        |                              |
| 43.001      | I                | 6,604                | Science   | 23-017319 B 00  | University of Massachusetts              |                              |
| 43.001      | I                | 1,024                | Science   | 57314A P3391 7803 21  | SDSU Foundation                          |                              |
| 43.001      | I                | 38,374               | Science   | 707011-871T   | University of New Mexico at Albuquerque  |                              |
| 43.001      | I                | 11,446               | Science   | AWD-004384.GR101365   | University of Virginia                   |                              |
| 43.001      | I                | 9,497                | Science   | GO1-22089B  | Harvard University Smithsonian Center    |                              |
| 43.001      | I                | 54,253               | Science   | X03044470   | Rice University                          |                              |
| 43.008      | D                | 59,980               | Office of Stem Engagement (OSTEM)   |   |  |                              |
| 43.008      | I                | 253,144              | Office of Stem Engagement (OSTEM)   | H008119101/CON 82164  | University of Minnesota Board of Regents |                              |

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|-------------|------------------|----------------------|---|--|---|------------------------------|
| 43.RD       | D                | (6,310)              | U. S. National Aeronautics and Space Administration             |  |   | A11-0861-001                 |
| 43.RD       | D                | 56,922               | U. S. National Aeronautics and Space Administration             |  |   | A18-1142-001                 |
| 43.RD       | D                | 133,181              | U. S. National Aeronautics and Space Administration             |  |   | A19-0743-001                 |
| 43.RD       | D                | 6,324                | U. S. National Aeronautics and Space Administration             |  |   | A21-0169-001                 |
| 43.RD       | I                | 1,951                | U. S. National Aeronautics and Space Administration             | HST-AR-16128.001-A   | Space Telescope Science Institute           | A21-0777-001                 |
| 43.RD       | I                | (1,461)              | U. S. National Aeronautics and Space Administration             | Incorporating Space-borne Measurements to Improve Air Quality Decision Support Systems | University of Alabama in Huntsville         | A11-1578-001                 |
| 43.RD       | I                | 8,513                | U. S. National Aeronautics and Space Administration             | JWST-GO-02498.003-A  | Space Telescope Science Institute           | A21-1809-001                 |
| 43.RD       | I                | 16,600               | U. S. National Aeronautics and Space Administration             | SMS0002267B  | Scimentis, LLC                              | A21-1790-001                 |
| 45.024      | D                | 7,922                | Promotion of the Arts Grants to Organizations and Individuals   |  |   |                              |
| 45.024      | I                | 24,969               | Promotion of the Arts Grants to Organizations and Individuals   | 00031259   | Arts Midwest                                |                              |
| 45.149      | D                | 6,723                | Promotion of the Humanities Division of Preservation and Access |  |   |                              |
| 45.160      | D                | (16,962)             | Promotion of the Humanities Fellowships and Stipends            |  |   |                              |
| 45.301      | D                | 36,673               | Museums for America   |  |   |                              |
| 45.312      | D                | 19,059               | National Leadership Grants                                      |  |   |                              |
| 45.312      | I                | (1,215)              | National Leadership Grants                                      | 137263-02  | Harvard University                          |                              |
| 45.313      | D                | 99,661               | Laura Bush 21st Century Librarian Program                       |  |   |                              |
| 45.313      | I                | 21,059               | Laura Bush 21st Century Librarian Program                       | GR106937(CON-80001836)   | Yale University                             |                              |
| 45.RD       | D                | 18,760               | U. S. National Foundation on the Arts and the Humanities        |  |   | A22-0166-001                 |
| 45.RD       | D                | 11,020               | U. S. National Foundation on the Arts and the Humanities        |  |   | A23-0015-001                 |
| 47.041      | D                | 1,340,525            | Engineering   |  |   |                              |
| 47.041      | I                | 86,619               | Engineering   | 104750-Z3822202  | University of Maryland at College Park      |                              |
| 47.041      | I                | 240,318              | Engineering   | 333-000071   | Duke University                             |                              |
| 47.041      | I                | (8,422)              | Engineering   | 8794 - PO0280990   | Indiana University at Bloomington           |                              |
| 47.041      | I                | 47,049               | Engineering   | M2000937   | Texas A and M University                    |                              |
| 47.041      | I                | (3,999)              | Engineering   | SBIR: Self-assembling molecular brachytherapy for treatment of metastatic cancer       | Oncurie, LLC                                |                              |
| 47.049      | D                | 10,212,937           | Mathematical and Physical Sciences                              |  |   |                              |
| 47.049      | I                | 74,048               | Mathematical and Physical Sciences                              | 0980 G YA650   | University of California at Los Angeles     |                              |
| 47.049      | I                | 221,376              | Mathematical and Physical Sciences                              | 480504-19467   | Virginia Tech                               |                              |
| 47.049      | I                | 94,236               | Mathematical and Physical Sciences                              | SUB00000134/ UR FAO  | University of Rochester                     |                              |
| 47.050      | D                | 3,865,580            | Geosciences   |  |   |                              |
| 47.050      | I                | 90,137               | Geosciences   | 10010192-UNC06   | Bowling Green State University              |                              |
| 47.050      | I                | 16,934               | Geosciences   | 151240000/ 5667360   | University of Connecticut                   |                              |
| 47.050      | I                | 12,758               | Geosciences   | 1849458-19-01  | Consortium of Universities for the Advan    |                              |
| 47.050      | I                | 36,196               | Geosciences   | 2012893-21-1   | Consortium of Universities for the Advan    |                              |
| 47.050      | I                | (878)                | Geosciences   | 37169010   | University of Southern California (USC)     |                              |
| 47.050      | I                | 3,398                | Geosciences   | 84865000   | Woods Hole Oceanographic Institution        |                              |
| 47.050      | I                | 129,179              | Geosciences   | PO 5199836 AWD-002863-G4   | Georgia Institute of Technology             |                              |
| 47.050      | I                | (2,467)              | Geosciences   | RENCI-1340233  | Arizona Geological Survey                   |                              |
| 47.050      | I                | 103,403              | Geosciences   | S1974A-B   | Oregon State University                     |                              |
| 47.050      | I                | (5)                  | Geosciences   | SUBK00010849/PO3005453409  | University of Michigan Ann Arbor            |                              |
| 47.070      | D                | 13,132,377           | Computer and Information Science and Engineering                |  |   |                              |
| 47.070      | I                | 374,360              | Computer and Information Science and Engineering                | 000341   | Florida International University            |                              |
| 47.070      | I                | 29,985               | Computer and Information Science and Engineering                | 078343-18615   | University of Illinois at Urbana-Champaign  |                              |
| 47.070      | I                | 35,975               | Computer and Information Science and Engineering                | 20-015757-B-00   | University of Massachusetts at Amherst      |                              |
| 47.070      | I                | 128,265              | Computer and Information Science and Engineering                | 2021CIF-UNORTHCAROLINA-55  | Computing Research Association (CRA)        |                              |
| 47.070      | I                | 169,161              | Computer and Information Science and Engineering                | 333-000060   | Duke University                             |                              |
| 47.070      | I                | (10)                 | Computer and Information Science and Engineering                | 333-2786   | Duke University                             |                              |
| 47.070      | I                | 20,432               | Computer and Information Science and Engineering                | 3TF121   | South Dakota State University               |                              |
| 47.070      | I                | 7,786                | Computer and Information Science and Engineering                | 85964/2/1156684  | State University of New York (SUNY)         |                              |
| 47.070      | I                | 225,205              | Computer and Information Science and Engineering                | SCON-00002667  | University of Southern California (USC)     |                              |
| 47.070      | I                | 38,917               | Computer and Information Science and Engineering                | SPC-1000005796/GR125477  | Ohio State University                       |                              |
| 47.070      | I                | 65,992               | Computer and Information Science and Engineering                | Task 5   | Platforms for Advanced Wireless Research    |                              |
| 47.070      | I                | 10,667               | Computer and Information Science and Engineering                | Task Order 4   | Platforms for Advanced Wireless Research    |                              |
| 47.074      | D                | 4,743,837            | Biological Sciences   |  |   |                              |
| 47.074      | I                | 22,444               | Biological Sciences   | 2023-22  | University of Oklahoma                      |                              |
| 47.074      | I                | 34,096               | Biological Sciences   | AWD00003769 (012620-1)   | University of Pittsburgh                    |                              |
| 47.074      | I                | 11,619               | Biological Sciences   | C00073522-2  | University of Missouri at Columbia          |                              |
| 47.074      | I                | 17,195               | Biological Sciences   | GA11374 / PO #2107823  | University of Virginia                      |                              |
| 47.074      | I                | 119,326              | Biological Sciences   | R1285  | Dartmouth College                           |                              |
| 47.074      | I                | 154,450              | Biological Sciences   | S5456 PO637616   | Massachusetts Institute of Technology (MIT) |                              |
| 47.075      | D                | 2,673,278            | Social, Behavioral, and Economic Sciences                       |  |   |                              |
| 47.075      | I                | 3,131                | Social, Behavioral, and Economic Sciences                       | 10002102-004   | Purdue University                           |                              |

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|-------------|------------------|----------------------|---|--|---|------------------------------|
| 47.075      | I                | 15,949               | Social, Behavioral, and Economic Sciences   | 1562834/PO#1001740532  | University of Colorado at Boulder           |                              |
| 47.075      | I                | 93,994               | Social, Behavioral, and Economic Sciences   | 2021-2   | American Bar Foundation                     |                              |
| 47.075      | I                | 21,174               | Social, Behavioral, and Economic Sciences   | SPC-1000005560 GR125686  | Ohio State University                       |                              |
| 47.076      | D                | 5,985,041            | Education and Human Resources   |  |   |                              |
| 47.076      | I                | 38,173               | Education and Human Resources   | 2022GC0004   | University of Texas at Arlington            |                              |
| 47.076      | I                | 100,972              | Education and Human Resources   | 8795-UNC PO 0292538  | Trustees of Indiana University              |                              |
| 47.076      | I                | 10,781               | Education and Human Resources   | 8915-UNC PO 0371529  | Trustees of Indiana University              |                              |
| 47.076      | I                | 142,842              | Education and Human Resources   | B001340095   | University of Massachusetts at Boston       |                              |
| 47.076      | I                | 51,203               | Education and Human Resources   | GR08682  | University of Nevada at Las Vegas           |                              |
| 47.076      | I                | 11,043               | Education and Human Resources   | GR15619  | University of Nevada at Las Vegas           |                              |
| 47.078      | D                | (11,062)             | Polar Programs  |  |   |                              |
| 47.078      | I                | 48,336               | Polar Programs  | S2390A-A   | Oregon State University                     |                              |
| 47.078      | I                | 26,494               | Polar Programs  | S2417A-A   | Oregon State University                     |                              |
| 47.079      | D                | 741,091              | Office of International Science and Engineering   |  |   |                              |
| 47.079      | I                | 5,789                | Office of International Science and Engineering   | OISE-20-66869-1  | CRDF Global                                 |                              |
| 47.079      | I                | 10,000               | Office of International Science and Engineering   | OISE-20-66884-1  | CRDF Global                                 |                              |
| 47.079      | I                | 224,380              | Office of International Science and Engineering   | UP1700296-UNC1   | University of South Dakota                  |                              |
| 47.080      | D                | (47,492)             | Office of Cyberinfrastructure   |  |   |                              |
| 47.082      | D                | (6,580)              | Trans-NSF Recovery Act Reasearch Support  |  |   |                              |
| 47.083      | D                | 777,834              | Integrative Activities  |  |   |                              |
| 47.083      | I                | 24,511               | Integrative Activities  | S5529 PO 675262  | Massachusetts Institute of Technology (MIT) |                              |
| 47.083      | I                | 101,203              | Integrative Activities  | UDR0000290   | University of Delaware                      |                              |
| 47.084      | D                | 24,628               | NSF Technology, Innovation, and Partnerships  |  |   |                              |
| 47.RD       | D                | 70,696               | U. S. National Science Foundation   |  |   | A21-1041-002                 |
| 47.RD       | I                | (89)                 | U. S. National Science Foundation   | 1741818  | Saint Joseph's College                      | A18-1666-001                 |
| 47.RD       | I                | 1,074                | U. S. National Science Foundation   | LAURA SLIGAR Population dynamics of mitochondrial heteroplasmy in Drosophila                             | National Evolutionary Synthesis Center      | A16-0135-001                 |
| 47.RD       | I                | 1,545                | U. S. National Science Foundation   | Understanding the Genetic Diversity and Identification of Pathogenic Variants of Malaria in Pregnancy    | National Evolutionary Synthesis Center      | A16-0248-001                 |
| 47.RD       | I                | 2,676                | U. S. National Science Foundation   | YUXIANG LIU Parallel evolution of gene molecular mechanisms underlying evolution of hippocampal function | National Evolutionary Synthesis Center      | A16-0136-001                 |
| 59.075      | D                | 176,638              | Shuttered Venue Operators Grant Program   |  |   |                              |
| 64.RD       | D                | 2,104                | U. S. Department of Veterans Affairs  |  |   | A12-0808-001                 |
| 64.RD       | D                | (870)                | U. S. Department of Veterans Affairs  |  |   | A14-0338-001                 |
| 64.RD       | D                | 6,127                | U. S. Department of Veterans Affairs  |  |   | A17-1561-003                 |
| 64.RD       | D                | 1,750                | U. S. Department of Veterans Affairs  |  |   | A17-1563-003                 |
| 64.RD       | D                | 4,053                | U. S. Department of Veterans Affairs  |  |   | A17-1722-003                 |
| 64.RD       | D                | 8,301                | U. S. Department of Veterans Affairs  |  |   | A21-1259-001                 |
| 64.RD       | D                | 253,932              | U. S. Department of Veterans Affairs  |  |   | A21-1693-001                 |
| 64.RD       | D                | 156,888              | U. S. Department of Veterans Affairs  |  |   | A21-1796-001                 |
| 64.RD       | D                | 324,971              | U. S. Department of Veterans Affairs  |  |   | A22-0371-001                 |
| 64.RD       | D                | 44,844               | U. S. Department of Veterans Affairs  |  |   | A22-0371-002                 |
| 64.RD       | D                | 4,172                | U. S. Department of Veterans Affairs  |  |   | A23-0246-001                 |
| 64.RD       | D                | 89,878               | U. S. Department of Veterans Affairs  |  |   | A23-0513-001                 |
| 66.034      | I                | 1,514                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | 0691   | Northeast States for Coordinated Air Use    |                              |
| 66.034      | I                | 928                  | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | FY2015-004   | Mid-Atlantic Regional Air Management Ass    |                              |
| 66.034      | I                | 2,274                | Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Act                    | FY2023-004   | Mid-Atlantic Regional Air Management Ass    |                              |
| 66.129      | I                | 13,511               | Southeast New England Coastal Watershed Restoration   | SNEP1-10   | University of Southern Maine                |                              |
| 66.203      | D                | 1,025,047            | Environmental Finance Center Grants   |  |   |                              |
| 66.424      | D                | 387,453              | Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act                         |  |   |                              |
| 66.424      | I                | 165,746              | Surveys, Studies, Investigations, Demonstrations, and Training Grants - Section 1442 of the Safe Drinking Water Act                         | 281131-871T  | University of New Mexico at Albuquerque     |                              |
| 66.436      | I                | 50,517               | Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooperative Agreements - Section 104(b)(3) of the Clean Water Act | 281132-871T  | University of New Mexico Board of Regent    |                              |
| 66.446      | I                | 98,621               | Technical Assistance for Treatment Works (CWA 104(b)(8))  | 281154-871T  | University of New Mexico Board of Regent    |                              |
| 66.468      | I                | 18,371               | Capitalization Grants for Drinking Water State Revolving Funds  | C2259003   | Alabama Department of Environmental Mana    |                              |
| 66.468      | I                | 16,402               | Capitalization Grants for Drinking Water State Revolving Funds  | VC171316B001   | New Hampshire Department of Environmental   |                              |
| 66.509      | D                | 924,057              | Science To Achieve Results (STAR) Research Program  |  |   |                              |
| 66.509      | I                | 19,018               | Science To Achieve Results (STAR) Research Program  | M2203948   | Texas A and M University                    |                              |

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|-------------|------------------|----------------------|---|---|--|------------------------------|
| 66.511      | D                | 1,262,495            | Office of Research and Development Consolidated Research/Training/Fellowships   |   |  |                              |
| 66.608      | D                | 58,999               | Environmental Information Exchange Network Grant Program and Related Assistance |   |  |                              |
| 66.708      | D                | 48,493               | Pollution Prevention Grants Program   |   |  |                              |
| 66.RD       | D                | 402                  | U. S. Environmental Protection Agency   |   |  | A16-1709-034                 |
| 66.RD       | D                | 579,298              | U. S. Environmental Protection Agency   |   |  | A16-1709-043                 |
| 66.RD       | D                | 299,666              | U. S. Environmental Protection Agency   |   |  | A21-1056-006                 |
| 66.RD       | D                | 2,112,715            | U. S. Environmental Protection Agency   |   |  | A21-1056-014                 |
| 66.RD       | D                | 46,659               | U. S. Environmental Protection Agency   |   |  | A22-0476-001                 |
| 66.RD       | D                | 3,204                | U. S. Environmental Protection Agency   |   |  | A22-0476-002                 |
| 66.RD       | D                | 92,261               | U. S. Environmental Protection Agency   |   |  | A22-0476-003                 |
| 66.RD       | D                | 37,067               | U. S. Environmental Protection Agency   |   |  | A22-0476-004                 |
| 66.RD       | D                | 139,488              | U. S. Environmental Protection Agency   |   |  | A22-0476-008                 |
| 66.RD       | D                | 207,793              | U. S. Environmental Protection Agency   |   |  | A22-0476-012                 |
| 66.RD       | D                | 76,092               | U. S. Environmental Protection Agency   |   |  | A22-0476-013                 |
| 66.RD       | D                | 5,770                | U. S. Environmental Protection Agency   |   |  | A22-0476-014                 |
| 66.RD       | D                | 48,262               | U. S. Environmental Protection Agency   |   |  | A22-0476-016                 |
| 66.RD       | D                | 118,366              | U. S. Environmental Protection Agency   |   |  | A22-0476-022                 |
| 66.RD       | D                | 21,566               | U. S. Environmental Protection Agency   |   |  | A22-0476-023                 |
| 66.RD       | D                | 3,684                | U. S. Environmental Protection Agency   |   |  | A22-0476-024                 |
| 66.RD       | D                | 19,498               | U. S. Environmental Protection Agency   |   |  | A23-0573-001                 |
| 66.RD       | I                | 2,243                | U. S. Environmental Protection Agency   | 2013.006.01   | Mid-Atlantic Regional Air Management Ass   | A14-0555-001                 |
| 66.RD       | I                | (4,962)              | U. S. Environmental Protection Agency   | 4930-RFA11-2/13-1-2   | Health Effects Institute                   | A14-1369-001                 |
| 66.RD       | I                | 759                  | U. S. Environmental Protection Agency   | LADCO SIP Training  | Lake Michigan Air Directors Consortium     | A15-1197-001                 |
| 66.RD       | I                | (752)                | U. S. Environmental Protection Agency   | Multicenter Ozone Study in Elderly Patients   | Health Effects Institute                   | A12-1416-001                 |
| 66.RD       | I                | 12,115               | U. S. Environmental Protection Agency   | PO RI017290   | University of Dayton Research Institute    | A23-0591-001                 |
| 66.RD       | I                | 8,361                | U. S. Environmental Protection Agency   | PO RI021560   | University of Dayton                       | A23-0998-001                 |
| 66.RD       | I                | 6,710                | U. S. Environmental Protection Agency   | PO RI023749   | University of Dayton                       | A23-1206-001                 |
| 66.RD       | I                | 3,274                | U. S. Environmental Protection Agency   | SA-OAQPS-2021-05 TASK 1   | Tantus Technologies, Inc.                  | A22-0453-001                 |
| 81.049      | D                | 8,067,457            | Office of Science Financial Assistance Program                                  |   |  |                              |
| 81.049      | I                | 14                   | Office of Science Financial Assistance Program                                  | 25-1215-0123-010  | University of Nebraska at Lincoln          |                              |
| 81.049      | I                | 26,258               | Office of Science Financial Assistance Program                                  | OSP33519-02 WA01029   | University of Massachusetts Medical School |                              |
| 81.049      | I                | 241,743              | Office of Science Financial Assistance Program                                  | SCON-00002818   | University of Southern California (USC)    |                              |
| 81.049      | I                | 307,663              | Office of Science Financial Assistance Program                                  | STTR: LITE-SM: Light Sheet Illuminator Compatible with Super Resolution and Single Molecule Imaging | Mizar Imaging, LLC                         |                              |
| 81.049      | I                | 72,246               | Office of Science Financial Assistance Program                                  | STTR: Light Disc Microscopy   | Mizar Imaging, LLC                         |                              |
| 81.087      | D                | 567,457              | Renewable Energy Research and Development                                       |   |  |                              |
| 81.087      | I                | 91,370               | Renewable Energy Research and Development                                       | 9527-10   | Tandem PV, Inc.                            |                              |
| 81.087      | I                | 23,260               | Renewable Energy Research and Development                                       | F-2019-13   | University of Toledo                       |                              |
| 81.087      | I                | 61,079               | Renewable Energy Research and Development                                       | G220-22-W9180   | Montana State University                   |                              |
| 81.087      | I                | 111,291              | Renewable Energy Research and Development                                       | Slot-Die Fabrication of Lead-Safe, Robust and Stable Metal Halide Perovskite Modules                | CubicPV                                    |                              |
| 81.089      | I                | 29,675               | Fossil Energy Research and Development  | UTA19-001226  | University of Texas at Austin              |                              |
| 81.113      | I                | 120,663              | Defense Nuclear Nonproliferation Research                                       | AWD-000372-G6   | Georgia Institute of Technology            |                              |
| 81.RD       | D                | 68,219               | U. S. Department of Energy  |   |  | A19-1215-001                 |
| 81.RD       | D                | (360)                | U. S. Department of Energy  |   |  | A20-1496-001                 |
| 81.RD       | D                | 90,426               | U. S. Department of Energy  |   |  | A21-0431-001                 |
| 81.RD       | D                | 70,000               | U. S. Department of Energy  |   |  | A22-0752-001                 |
| 81.RD       | D                | 99,637               | U. S. Department of Energy  |   |  | A22-0940-001                 |
| 81.RD       | D                | 27,130               | U. S. Department of Energy  |   |  | A22-1140-001                 |
| 81.RD       | D                | 89,693               | U. S. Department of Energy  |   |  | A23-0924-001                 |
| 81.RD       | I                | 52,378               | U. S. Department of Energy  | 2296549   | Sandia National Laboratories               | A22-0636-001                 |
| 81.RD       | I                | 2,529                | U. S. Department of Energy  | 4000120148  | Battelle UT                                | A13-0941-001                 |
| 81.RD       | I                | 80,454               | U. S. Department of Energy  | 4000194697  | Battelle UT                                | A16-0143-001                 |
| 81.RD       | I                | (1,219)              | U. S. Department of Energy  | 456470  | Duke Energy Foundation                     | A12-1384-001                 |
| 81.RD       | I                | 34,116               | U. S. Department of Energy  | CW42445 4000205698  | UT-Battelle                                | A23-0782-001                 |
| 81.RD       | I                | 23,856               | U. S. Department of Energy  | CW42545 4000206871  | UT-Battelle                                | A23-0911-001                 |
| 81.RD       | I                | 24,265               | U. S. Department of Energy  | CW42547   | UT-Battelle                                | A23-0870-001                 |
| 81.RD       | I                | 5,100                | U. S. Department of Energy  | N000378504  | Honeywell Federal Manufacturing & Techno   | A21-0700-001                 |
| 81.RD       | I                | 14,311               | U. S. Department of Energy  | N000378509  | Honeywell Federal Manufacturing & Techno   | A21-0662-001                 |
| 81.RD       | I                | 61,931               | U. S. Department of Energy  | N000427633  | Honeywell Federal Manufacturing & Techno   | A22-0951-001                 |
| 81.RD       | I                | 72,483               | U. S. Department of Energy  | N000427882  | Honeywell Federal Manufacturing & Techno   | A22-0974-001                 |
| 81.RD       | I                | 63,593               | U. S. Department of Energy  | N000469140  | Honeywell Federal Manufacturing & Techno   | A23-0905-001                 |
| 81.RD       | I                | 50,558               | U. S. Department of Energy  | N000472421  | Honeywell Federal Manufacturing & Techno   | A23-0906-001                 |

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|-------------|------------------|----------------------|--|----------------------------------|---|------------------------------|
| 84.007      | D                | 613,199              | Federal Supplemental Educational Opportunity Grants  |                                  |   |                              |
| 84.010      | I                | 336,179              | Title I Grants to Local Educational Agencies   | Calhoun ISD Capacity Development | Calhoun Intermediate School District            |                              |
| 84.015      | D                | 2,527,411            | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program |                                  |   |                              |
| 84.015      | I                | (4,092)              | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program | 15-FLAS-1055                     | Duke University                                 |                              |
| 84.015      | I                | 2,391                | National Resource Centers Program for Foreign Language and Area Studies or Foreign Language and International Studies Program and Foreign Language and Area Studies Fellowship Program | NRC 2010-2013                    | Duke University                                 |                              |
| 84.019      | D                | 10,851               | Overseas Programs - Faculty Research Abroad  |                                  |   |                              |
| 84.022      | D                | 182,063              | Overseas Programs - Doctoral Dissertation Research Abroad  |                                  |   |                              |
| 84.027      | I                | 82                   | Special Education Grants to States   | 11575-03-591009592               | Illinois State University                       |                              |
| 84.027      | I                | 35,169               | Special Education Grants to States   | MSDE0013-01                      | University of Maryland at Baltimore (UMB)       |                              |
| 84.033      | D                | 2,526,032            | Federal Work-Study Program   |                                  |   |                              |
| 84.038      | D                | 6,045,617            | Federal Perkins Loan Program Federal Capital Contributions   |                                  |   |                              |
| 84.047      | D                | 308,541              | TRIO Upward Bound  |                                  |   |                              |
| 84.063      | D                | 22,437,144           | Federal Pell Grant Program   |                                  |   |                              |
| 84.129      | D                | 351,444              | Rehabilitation Long-Term Training  |                                  |   |                              |
| 84.184      | D                | 16,064               | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)   |                                  |   |                              |
| 84.217      | D                | 286,653              | TRIO McNair Post-Baccalaureate Achievement   |                                  |   |                              |
| 84.220      | D                | (580)                | Centers for International Business Education   |                                  |   |                              |
| 84.268      | D                | 184,212,987          | Federal Direct Student Loans   |                                  |   |                              |
| 84.283      | I                | 159,144              | Comprehensive Centers  | Comprehensive Center Region 7    | RMC Research Corporation                        |                              |
| 84.305      | D                | 2,500,215            | Education Research, Development and Dissemination  |                                  |   |                              |
| 84.305      | I                | 160,540              | Education Research, Development and Dissemination  | 1-312-0218128-66512L             | Research Triangle Institute (RTI International) |                              |
| 84.305      | I                | 10,331               | Education Research, Development and Dissemination  | 24-1714-0132-007                 | University of Nebraska at Lincoln               |                              |
| 84.305      | I                | 33,170               | Education Research, Development and Dissemination  | 24-1714-0132-008                 | University of Nebraska at Lincoln               |                              |
| 84.305      | I                | 87,932               | Education Research, Development and Dissemination  | 31653-A220008-S001               | American University (AU)                        |                              |
| 84.305      | I                | 17,063               | Education Research, Development and Dissemination  | 343-000045                       | Duke University                                 |                              |
| 84.305      | I                | 13,683               | Education Research, Development and Dissemination  | 343-0811                         | Duke University                                 |                              |
| 84.305      | I                | 7,637                | Education Research, Development and Dissemination  | 43802                            | University of Delaware                          |                              |
| 84.305      | I                | 10,285               | Education Research, Development and Dissemination  | 583399 57898/00                  | Trustees of the Univ. of Pennsylvania           |                              |
| 84.305      | I                | 42,155               | Education Research, Development and Dissemination  | 583399 57898/001                 | Trustees of the Univ. of Pennsylvania           |                              |
| 84.305      | I                | 5,425                | Education Research, Development and Dissemination  | FY2020-003 M1                    | University of Kansas Center for Research        |                              |
| 84.305      | I                | 26,489               | Education Research, Development and Dissemination  | G154.UNC.01                      | National Opinion Research Center (NORC)         |                              |
| 84.305      | I                | 11,238               | Education Research, Development and Dissemination  | PO 319377 A23-0007-S002          | University of Memphis                           |                              |
| 84.305      | I                | 34,156               | Education Research, Development and Dissemination  | SUB00003023                      | University of Florida                           |                              |
| 84.305      | I                | 143,373              | Education Research, Development and Dissemination  | SUB00003341                      | University of Florida                           |                              |
| 84.323      | I                | 5,173                | Special Education - State Personnel Development  | 20210291                         | State of Washington Office of Superintendent    |                              |
| 84.324      | D                | 1,380,242            | Research in Special Education  |                                  |   |                              |
| 84.324      | I                | 136,012              | Research in Special Education  | 5A200C 7803 E0021431             | San Diego State University (SDSU) Research      |                              |
| 84.324      | I                | 325,008              | Research in Special Education  | FY2020-057                       | University of Kansas Center for Research        |                              |
| 84.324      | I                | 95,599               | Research in Special Education  | FY2023-034                       | University of Kansas Center for Research        |                              |
| 84.325      | D                | 909,104              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities   |                                  |   |                              |
| 84.325      | I                | 87,646               | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities   | UCHC7-127393037-A1               | University of Connecticut Health Center         |                              |
| 84.326      | D                | 7,432,713            | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities  |                                  |   |                              |
| 84.326      | I                | (3,368)              | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities  | 223791B                          | University of Oregon                            |                              |
| 84.326      | I                | 7,694                | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities  | 227964                           | Wyoming Department of Education (WED)           |                              |
| 84.326      | I                | 105,355              | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities  | PO 61511                         | SRI International                               |                              |
| 84.326      | I                | (5,701)              | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities  | UKRF 3048106788-10-3             | University of Kentucky (UK)                     |                              |
| 84.327      | D                | 2,331,099            | Special Education Educational Technology Media, and Materials for Individuals with Disabilities  |                                  |   |                              |
| 84.334      | I                | 22,680               | Gaining Early Awareness and Readiness for Undergraduate Programs   | 020753                           | Mississippi State University                    |                              |
| 84.334      | I                | 256,292              | Gaining Early Awareness and Readiness for Undergraduate Programs   | 192500.361293.07                 | Mississippi State University                    |                              |
| 84.334      | I                | 17,159               | Gaining Early Awareness and Readiness for Undergraduate Programs   | College Advising Corps 2021-22   | National College Advising Corps                 |                              |

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|-------------|------------------|----------------------|---|--|--|------------------------------|
| 84.334      | I                | 1,105,956            | Gaining Early Awareness and Readiness for Undergraduate Programs  | College Advising Corps 2022-23   | National College Advising Corps            |                              |
| 84.336      | D                | 344,008              | Teacher Quality Partnership Grants  |  |  |                              |
| 84.336      | I                | 27,891               | Teacher Quality Partnership Grants  | 226150941A   | University of Texas at El Paso             |                              |
| 84.373      | I                | 707,455              | Special Education Technical Assistance on State Data Collection   | 44151  | SRI International                          |                              |
| 84.373      | I                | 5,343                | Special Education Technical Assistance on State Data Collection   | FY2011-094   | University Of Kansas                       |                              |
| 84.373      | I                | 36,608               | Special Education Technical Assistance on State Data Collection   | S-18649  | WestEd                                     |                              |
| 84.373      | I                | 95,821               | Special Education Technical Assistance on State Data Collection   | S000-19505   | WestEd                                     |                              |
| 84.374      | I                | 66,016               | Teacher and School Leader Incentive Grants (formerly the Teacher Incentive Fund)  | S374A210025  | Pitt County Schools                        |                              |
| 84.425F     | D                | 8,514,321            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion        |  |  |                              |
| 84.RD       | I                | 71,931               | U. S. Department of Education   | Comprehensive Center Region 7  | RMC Research Corporation                   | A22-0529-001                 |
| 93.019      | I                | 20,291               | Technical Assistance and Provision for Foreign Hospitals and Health Organizations   | SUB00002983  | University of Georgia Research Foundation  |                              |
| 93.059      | D                | 69,953               | Training in General, Pediatric, and Public Health Dentistry   |  |  |                              |
| 93.067      | I                | (424)                | Global AIDS   | 21-2421  | Columbia University                        |                              |
| 93.067      | I                | 25,247               | Global AIDS   | 22-1701  | Columbia University                        |                              |
| 93.067      | I                | 45                   | Global AIDS   | CDC.579284-01707373-   | Program for Appropriate Technology in He   |                              |
| 93.067      | I                | 22,473               | Global AIDS   | M160 P411 5NU2GGH002251  | Centre for Infectious Disease Research     |                              |
| 93.068      | D                | (9,894)              | Chronic Diseases: Research, Control, and Prevention   |  |  |                              |
| 93.070      | I                | 56,134               | Environmental Public Health and Emergency Response  | FY22.723.001   | University of Colorado Denver              |                              |
| 93.073      | D                | 1,741,052            | Birth Defects and Developmental Disabilities - Prevention and Surveillance  |  |  |                              |
| 93.073      | I                | 17,609               | Birth Defects and Developmental Disabilities - Prevention and Surveillance  | A03-2440   | Duke University                            |                              |
| 93.077      | D                | 3,362,138            | Family Smoking Prevention and Tobacco Control Act Regulatory Research   |  |  |                              |
| 93.077      | I                | 16,534               | Family Smoking Prevention and Tobacco Control Act Regulatory Research   | 40-55811085045117-11   | Wake Forest University Health Sciences     |                              |
| 93.078      | D                | 2,485                | Strengthening Emergency Care Delivery in the United States Healthcare System through Health Information and Promotion     |  |  |                              |
| 93.079      | I                | 33,340               | Cooperative Agreements to Promote Adolescent Health through School-Based HIV/STD Prevention and School-Based Surveillance | 903402-UNC-CH  | American Psychological Association (APA)   |                              |
| 93.080      | I                | 5,008                | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2015001-IVN-5  | American Thrombosis and Hemostasis Network |                              |
| 93.080      | I                | 143,883              | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2020CDC-IVN-02   | American Thrombosis and Hemostasis Network |                              |
| 93.080      | I                | 157,198              | Blood Disorder Program: Prevention, Surveillance, and Research  | ATHN2020CDC-IVN-03   | American Thrombosis and Hemostasis Network |                              |
| 93.083      | D                | 29,170               | Prevention of Disease, Disability, and Death through Immunization and Control of Respiratory and Related Diseases         |  |  |                              |
| 93.084      | I                | 37                   | Prevention of Disease, Disability, and Death by Infectious Diseases   | 000528670-SC002  | University of Alabama at Birmingham        |                              |
| 93.084      | I                | 55,844               | Prevention of Disease, Disability, and Death by Infectious Diseases   | A034828  | Duke University                            |                              |
| 93.084      | I                | 54,642               | Prevention of Disease, Disability, and Death by Infectious Diseases   | SUB00003261  | University of Florida                      |                              |
| 93.086      | I                | 18,939               | Healthy Marriage Promotion and Responsible Fatherhood Grants  | 10010274-UNC   | Bowling Green State University             |                              |
| 93.086      | I                | 165,021              | Healthy Marriage Promotion and Responsible Fatherhood Grants  | 7676.UNCCH.01  | Child Trends                               |                              |
| 93.087      | I                | 34,008               | Enhance Safety of Children Affected by Substance Abuse  | 51299S07812  | Mathematica, Inc                           |                              |
| 93.088      | D                | 81,312               | Advancing System Improvements for Key Issues in Women's Health  |  |  |                              |
| 93.088      | I                | 55,648               | Advancing System Improvements for Key Issues in Women's Health  | RHNTCOWHY2   | John Snow, Inc. (JSI)                      |                              |
| 93.088      | I                | 73,843               | Advancing System Improvements for Key Issues in Women's Health  | RHNTCOWHY3UNC1   | John Snow, Inc. (JSI)                      |                              |
| 93.103      | D                | 1,445,794            | Food and Drug Administration Research   |  |  |                              |
| 93.103      | I                | 115,834              | Food and Drug Administration Research   | 20-5653  | Genentech, Inc.                            |                              |
| 93.103      | I                | 82,507               | Food and Drug Administration Research   | 22-0785-UNCCH  | University of Tennessee Health Science C   |                              |
| 93.103      | I                | 3,142                | Food and Drug Administration Research   | 315610/PO 3100839553   | Cincinnati Childrens Hospital Medical Ce   |                              |
| 93.103      | I                | (3,400)              | Food and Drug Administration Research   | A03-3742   | Duke University                            |                              |
| 93.103      | I                | 29,857               | Food and Drug Administration Research   | OS00000069/308740  | Cincinnati Childrens Hospital Medical Ce   |                              |
| 93.103      | I                | 14,597               | Food and Drug Administration Research   | PO 92166377  | Children's Hospital Boston                 |                              |
| 93.103      | I                | 37,845               | Food and Drug Administration Research   | PO#424038/KFS#5663310  | University of Connecticut                  |                              |
| 93.103      | I                | 1,000                | Food and Drug Administration Research   | Prospective Natural History Study of Angelman Syndrome for Therapeutic Development | Children's Hospital Boston                 |                              |
| 93.107      | D                | 1,697,465            | Area Health Education Centers   |  |  |                              |
| 93.110      | D                | 8,019,059            | Maternal and Child Health Federal Consolidated Programs   |  |  |                              |
| 93.110      | I                | 12,009               | Maternal and Child Health Federal Consolidated Programs   | 0004469  | Mountain Area Health Education Center      |                              |
| 93.110      | I                | 46,582               | Maternal and Child Health Federal Consolidated Programs   | 1638 G WA067   | University of California at Los Angeles    |                              |
| 93.110      | I                | 25,000               | Maternal and Child Health Federal Consolidated Programs   | 1638 G ZA021   | University of California at Los Angeles    |                              |
| 93.110      | I                | 138,289              | Maternal and Child Health Federal Consolidated Programs   | 205656_GR205638-UNC  | Georgetown University                      |                              |
| 93.110      | I                | 61,482               | Maternal and Child Health Federal Consolidated Programs   | 425545_AWD7775582-UNC  | Georgetown University                      |                              |
| 93.110      | I                | 5,856                | Maternal and Child Health Federal Consolidated Programs   | A481919  | Emory University (EU)                      |                              |
| 93.110      | I                | 35,612               | Maternal and Child Health Federal Consolidated Programs   | A790696  | Emory University (EU)                      |                              |
| 93.110      | I                | 3,015                | Maternal and Child Health Federal Consolidated Programs   | A841769  | Emory University (EU)                      |                              |
| 93.110      | I                | 39,901               | Maternal and Child Health Federal Consolidated Programs   | Hereditary Hemorrhagic Telangiectasia (HHT) Program                                | Cure HHT Foundation                        |                              |
| 93.110      | I                | 97,854               | Maternal and Child Health Federal Consolidated Programs   | Regional Hemophilia Network  | Hemophilia of Georgia (HOG)                |                              |
| 93.110      | I                | 10,000               | Maternal and Child Health Federal Consolidated Programs   | U7A33712   | Mountain Area Health Education Center      |                              |



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|-------------|------------------|----------------------|---|--|---|------------------------------|
| 93.113      | D                | 13,847,890           | Environmental Health  |  |   |                              |
| 93.113      | I                | 8,032                | Environmental Health  | 01062311   | Beth Israel Deaconess Medical Center            |                              |
| 93.113      | I                | 728,208              | Environmental Health  | 1-340-0217136-65707L   | Research Triangle Institute (RTI International) |                              |
| 93.113      | I                | 20,497               | Environmental Health  | 10009736-UNC06   | Bowling Green State University                  |                              |
| 93.113      | I                | 38,078               | Environmental Health  | 18-M69   | George Washington University                    |                              |
| 93.113      | I                | 671                  | Environmental Health  | 2-340-0215502-65237L   | Research Triangle Institute (RTI International) |                              |
| 93.113      | I                | 93,051               | Environmental Health  | 2003147882   | Johns Hopkins University                        |                              |
| 93.113      | I                | 26,452               | Environmental Health  | 2004648400   | Johns Hopkins University                        |                              |
| 93.113      | I                | 31,772               | Environmental Health  | 2005324198   | Johns Hopkins University                        |                              |
| 93.113      | I                | 34,372               | Environmental Health  | 21-4377  | Predictive, LLC                                 |                              |
| 93.113      | I                | 3,309                | Environmental Health  | 9376/20190378  | CFD Research Corporation                        |                              |
| 93.113      | I                | 49,069               | Environmental Health  | 9R44ES032782-02  | Cell Microsystems, Inc.                         |                              |
| 93.113      | I                | 2,609                | Environmental Health  | A03-2125   | Duke University                                 |                              |
| 93.113      | I                | 28,409               | Environmental Health  | FY22.253.003   | University of Colorado Denver                   |                              |
| 93.113      | I                | 272,246              | Environmental Health  | GR119444/ SPC-1000004149   | Ohio State University                           |                              |
| 93.113      | I                | 26,379               | Environmental Health  | GR126821   | Ohio State University                           |                              |
| 93.113      | I                | 62,017               | Environmental Health  | M230653135/21-A1-00-10059  | New York University School of Medicine          |                              |
| 93.113      | I                | (811)                | Environmental Health  | Regional Brain Manganese Accumulation and Functional Consequences in Welders | Pennsylvania State University                   |                              |
| 93.113      | I                | (9,919)              | Environmental Health  | RR715-234/S000725  | University of Georgia                           |                              |
| 93.113      | I                | (977)                | Environmental Health  | UNCES019672  | Pennsylvania State University                   |                              |
| 93.113      | I                | 267                  | Environmental Health  | UWSC10029/ BPO26342  | University of Washington                        |                              |
| 93.113      | I                | 31,454               | Environmental Health  | UWSC12368 51996  | University of Washington                        |                              |
| 93.117      | D                | 365,056              | Preventive Medicine Residency   |  |   |                              |
| 93.121      | D                | 6,553,633            | Oral Diseases and Disorders Research  |  |   |                              |
| 93.121      | I                | (780)                | Oral Diseases and Disorders Research  | 000412838-011  | University of Alabama at Birmingham             |                              |
| 93.121      | I                | 17,106               | Oral Diseases and Disorders Research  | 11-18754-99-01-G1  | H Lee Moffitt Cancer and Research Institute     |                              |
| 93.121      | I                | 26,132               | Oral Diseases and Disorders Research  | 11-22224-99-01-G1  | H Lee Moffitt Cancer and Research Institute     |                              |
| 93.121      | I                | 74,750               | Oral Diseases and Disorders Research  | 117267-0285-5121149  | Harvard University                              |                              |
| 93.121      | I                | 14,229               | Oral Diseases and Disorders Research  | 13100310228(A21-0106-S002  | Carolinas Medical Center (CMC)                  |                              |
| 93.121      | I                | (20,448)             | Oral Diseases and Disorders Research  | 22000010-170   | The Methodist Hospital Research Institute       |                              |
| 93.121      | I                | 2,239                | Oral Diseases and Disorders Research  | 233220   | Massachusetts General Hospital                  |                              |
| 93.121      | I                | (23,159)             | Oral Diseases and Disorders Research  | 3002885068   | University of Michigan (UMICH)                  |                              |
| 93.121      | I                | 12,221               | Oral Diseases and Disorders Research  | 34768-1  | Augusta University                              |                              |
| 93.121      | I                | 95,484               | Oral Diseases and Disorders Research  | A21-0106-S002  | Carolinas Medical Center (CMC)                  |                              |
| 93.121      | I                | 3,331                | Oral Diseases and Disorders Research  | F1456-02   | New York University (NYU)                       |                              |
| 93.121      | I                | 33,842               | Oral Diseases and Disorders Research  | F1456-04   | New York University (NYU)                       |                              |
| 93.121      | I                | 15,279               | Oral Diseases and Disorders Research  | F3487-02   | New York University (NYU)                       |                              |
| 93.121      | I                | 19,386               | Oral Diseases and Disorders Research  | K002574-00-S01   | Kitware, Inc.                                   |                              |
| 93.121      | I                | 116,853              | Oral Diseases and Disorders Research  | R1318572   | SUNY at Buffalo                                 |                              |
| 93.121      | I                | 33,334               | Oral Diseases and Disorders Research  | SPC-1000006291 GR126720  | Ohio State University                           |                              |
| 93.121      | I                | 31,178               | Oral Diseases and Disorders Research  | SUB00002461  | University of Florida                           |                              |
| 93.121      | I                | 54,138               | Oral Diseases and Disorders Research  | SUB00003472  | University of Florida                           |                              |
| 93.121      | I                | 94,405               | Oral Diseases and Disorders Research  | SUBK00012316 JAT   | University of Michigan Board of Regents         |                              |
| 93.121      | I                | 282,361              | Oral Diseases and Disorders Research  | UWSC12879 P057334  | University of Washington                        |                              |
| 93.127      | D                | 548,745              | Emergency Medical Services for Children   |  |   |                              |
| 93.130      | D                | (10,607)             | Cooperative Agreements to States/Territories for the Coordination and Development of Primary Care Offices |  |   |                              |
| 93.135      | D                | 2,023,614            | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        |  |   |                              |
| 93.135      | I                | (1,068)              | Centers for Research and Demonstration for Health Promotion and Disease Prevention                        | 8460SC   | University of California at San Francisco       |                              |
| 93.136      | D                | 1,203,350            | Injury Prevention and Control Research and State and Community Based Programs                             |  |   |                              |
| 93.136      | I                | (788)                | Injury Prevention and Control Research and State and Community Based Programs                             | 0661   | Pacific Institute for Research and Evalo        |                              |
| 93.136      | I                | 4,935                | Injury Prevention and Control Research and State and Community Based Programs                             | 712-7574   | Emma Pendleton Bradley Hospital                 |                              |
| 93.137      | I                | 2,298                | Community Programs to Improve Minority Health Grant Program   | Materials to Increase Minority Involvement in Clinical Trials (MIMICT)       | Rheumatology Research Foundation                |                              |
| 93.137      | I                | 92,960               | Community Programs to Improve Minority Health Grant Program   | OMH-TIMELY   | Rheumatology Research Foundation                |                              |
| 93.142      | I                | 17,491               | NIEHS Hazardous Waste Worker Health and Safety Training   | 21-2737  | Predictive, LLC                                 |                              |
| 93.143      | D                | 2,440,270            | NIEHS Superfund Hazardous Substances Basic Research and Education   |  |   |                              |
| 93.143      | I                | 384                  | NIEHS Superfund Hazardous Substances Basic Research and Education   | M1800359   | Texas A and M University                        |                              |
| 93.143      | I                | 166,058              | NIEHS Superfund Hazardous Substances Basic Research and Education   | M2301190   | Texas A and M University                        |                              |
| 93.145      | I                | 287,418              | HIV-Related Training and Technical Assistance   | VUMC56921  | Vanderbilt University                           |                              |

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|-------------|------------------|----------------------|---|---|--|------------------------------|
| 93.153      | I                | 75,032               | Coordinated Services and Access to Research for Women, Infants, Children, and Youth | 309000019   | Duke University                            |                              |
| 93.153      | I                | 89,489               | Coordinated Services and Access to Research for Women, Infants, Children, and Youth | 309000020   | Duke University                            |                              |
| 93.153      | I                | 18,909               | Coordinated Services and Access to Research for Women, Infants, Children, and Youth | 3090153   | Duke University                            |                              |
| 93.153      | I                | 849                  | Coordinated Services and Access to Research for Women, Infants, Children, and Youth | 3090154   | Duke University                            |                              |
| 93.155      | D                | 1,216,810            | Rural Health Research Centers   |   |  |                              |
| 93.155      | I                | (10)                 | Rural Health Research Centers   | 21-4384   | University of South Carolina (USC)         |                              |
| 93.155      | I                | 24,572               | Rural Health Research Centers   | Provider Retention Information System Management (PRISM) Project 2021-2022.   | National Rural Recruitment and Retention   |                              |
| 93.155      | I                | 122,780              | Rural Health Research Centers   | Provider Retention Information System Management (PRISM) Project 2022-2023.   | National Rural Recruitment and Retention   |                              |
| 93.155      | I                | 21,902               | Rural Health Research Centers   | S02094-02   | University of Iowa                         |                              |
| 93.155      | I                | 93,634               | Rural Health Research Centers   | S02094-03   | University of Iowa                         |                              |
| 93.172      | D                | 10,376,854           | Human Genome Research   |   |  |                              |
| 93.172      | I                | 166,090              | Human Genome Research   | 10059572-02-UNC   | University of Utah                         |                              |
| 93.172      | I                | 122,352              | Human Genome Research   | 217360A   | University of Oregon                       |                              |
| 93.172      | I                | 42,229               | Human Genome Research   | 303000044   | Duke University                            |                              |
| 93.172      | I                | (2,095)              | Human Genome Research   | 5848  | Rutgers the State University of New Jersey |                              |
| 93.172      | I                | 162,319              | Human Genome Research   | 91094-Z0327201  | University of Maryland                     |                              |
| 93.172      | I                | 95,769               | Human Genome Research   | A03-2387  | Duke University                            |                              |
| 93.172      | I                | 17,602               | Human Genome Research   | A033654   | Duke University                            |                              |
| 93.172      | I                | 34,886               | Human Genome Research   | A034195   | Duke University                            |                              |
| 93.172      | I                | 242,982              | Human Genome Research   | PO#826012/Sub# 1203   | Rutgers the State University of New Jersey |                              |
| 93.172      | I                | 55,337               | Human Genome Research   | RES514720   | Case Western Reserve University            |                              |
| 93.172      | I                | 132,231              | Human Genome Research   | RES516306   | Case Western Reserve University            |                              |
| 93.172      | I                | 106,605              | Human Genome Research   | SCON-00003903   | University of Southern California (USC)    |                              |
| 93.172      | I                | 23,246               | Human Genome Research   | ULRF_21-0427-03   | University of Louisville                   |                              |
| 93.173      | D                | 2,591,965            | Research Related to Deafness and Communication Disorders                            |   |  |                              |
| 93.173      | I                | 53,631               | Research Related to Deafness and Communication Disorders                            | 105235-18599  | University of Illinois at Urbana-Champaign |                              |
| 93.173      | I                | 21,724               | Research Related to Deafness and Communication Disorders                            | 2005334424  | Johns Hopkins University                   |                              |
| 93.173      | I                | 20,194               | Research Related to Deafness and Communication Disorders                            | 2109403/ S354157  | University of Texas at Dallas              |                              |
| 93.173      | I                | 88,071               | Research Related to Deafness and Communication Disorders                            | 2121-1001-00-B/P000016772   | University of South Florida Tampa          |                              |
| 93.173      | I                | 43,769               | Research Related to Deafness and Communication Disorders                            | 22-016889 A 00  | University of Massachusetts                |                              |
| 93.173      | I                | 12,644               | Research Related to Deafness and Communication Disorders                            | 317629/PO 3100810950  | Cincinnati Childrens Hospital Medical Ce   |                              |
| 93.173      | I                | 25,563               | Research Related to Deafness and Communication Disorders                            | 800198  | Drexel University                          |                              |
| 93.173      | I                | 37,517               | Research Related to Deafness and Communication Disorders                            | 96433-D/R01DC015056   | Boys Town National Research Hospital       |                              |
| 93.173      | I                | 47,122               | Research Related to Deafness and Communication Disorders                            | 96469-E   | Boys Town (Father Flanagan's Boys' Home)   |                              |
| 93.173      | I                | 36,101               | Research Related to Deafness and Communication Disorders                            | A034578   | Duke University                            |                              |
| 93.173      | I                | 39,955               | Research Related to Deafness and Communication Disorders                            | AWD001693-UNC   | Ann & Robert H Lurie Children's Hospital   |                              |
| 93.173      | I                | 23,362               | Research Related to Deafness and Communication Disorders                            | FY2023-057  | University of Kansas Center for Research   |                              |
| 93.173      | I                | 8,510                | Research Related to Deafness and Communication Disorders                            | GR124113 SPC10000053  | Ohio State University                      |                              |
| 93.173      | I                | 58,740               | Research Related to Deafness and Communication Disorders                            | GRT-00304/CON-00000277  | Boys Town (Father Flanagan's Boys' Home)   |                              |
| 93.173      | I                | 28,827               | Research Related to Deafness and Communication Disorders                            | GRT-00306/CON-00000279  | Boys Town National Research Hospital       |                              |
| 93.173      | I                | 8,223                | Research Related to Deafness and Communication Disorders                            | S03485-01   | University of Iowa                         |                              |
| 93.173      | I                | 78,252               | Research Related to Deafness and Communication Disorders                            | SPC-1000006785/ GR128376  | Ohio State University                      |                              |
| 93.184      | I                | 2,143                | Disabilities Prevention   | ATHN2011001-IVN-2   | American Thrombosis and Hemostasis Network |                              |
| 93.186      | D                | 241,692              | National Research Service Award in Primary Care Medicine                            |   |  |                              |
| 93.191      | D                | 400,007              | Graduate Psychology Education   |   |  |                              |
| 93.211      | D                | 1,276,466            | Telehealth Programs   |   |  |                              |
| 93.211      | I                | 10,542               | Telehealth Programs   | Health Resources and Service Administration Rural Opioid Communities Opioid Implementation Grant (RCORP Implementation Grant) | North Carolina Healthcare Quality Alliance |                              |
| 93.213      | D                | 682,783              | Research and Training in Complementary and Integrative Health                       |   |  |                              |
| 93.213      | I                | 2,500                | Research and Training in Complementary and Integrative Health                       | 000528180-SC003   | University of Alabama at Birmingham        |                              |
| 93.213      | I                | 61,015               | Research and Training in Complementary and Integrative Health                       | 05_UNC_05378IR 100256266  | Boston Medical Center                      |                              |
| 93.213      | I                | 20,428               | Research and Training in Complementary and Integrative Health                       | 05_UNC_05378NE43000723001   | Boston Medical Center                      |                              |
| 93.213      | I                | 757                  | Research and Training in Complementary and Integrative Health                       | 171186462/ 5678460  | University of Connecticut                  |                              |
| 93.213      | I                | 836                  | Research and Training in Complementary and Integrative Health                       | 22-127-100881-020   | Old Dominion University Research Fdn       |                              |
| 93.213      | I                | 5,367                | Research and Training in Complementary and Integrative Health                       | 23-140-100881-030   | Old Dominion University Research Fdn       |                              |
| 93.213      | I                | 58,346               | Research and Training in Complementary and Integrative Health                       | 303-000636  | Duke University                            |                              |
| 93.213      | I                | 5,755                | Research and Training in Complementary and Integrative Health                       | 303000292   | Duke University                            |                              |
| 93.213      | I                | 22,289               | Research and Training in Complementary and Integrative Health                       | 303001863   | Duke University                            |                              |

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|-------------|------------------|----------------------|---|----------------------------|---|------------------------------|
| 93.213      | I                | 4,918                | Research and Training in Complementary and Integrative Health | 303001992                  | Duke University                                 |                              |
| 93.213      | I                | 241,029              | Research and Training in Complementary and Integrative Health | 5378-UNCCH1-GAY-04A2 1003  | Boston Medical Center                           |                              |
| 93.213      | I                | 73,402               | Research and Training in Complementary and Integrative Health | 5378-UNCCH2ROT-04A1        | Boston Medical Center                           |                              |
| 93.213      | I                | 93,803               | Research and Training in Complementary and Integrative Health | 6480-UNCCH 04S1-01         | Boston Medical Center                           |                              |
| 93.213      | I                | (460)                | Research and Training in Complementary and Integrative Health | 7846                       | Boston Medical Center                           |                              |
| 93.213      | I                | 126,227              | Research and Training in Complementary and Integrative Health | 7846/ PO 4300723002        | Boston Medical Center                           |                              |
| 93.226      | D                | 2,218,313            | Research on Healthcare Costs, Quality and Outcomes            |                            |   |                              |
| 93.226      | I                | 68,870               | Research on Healthcare Costs, Quality and Outcomes            | 2005771180                 | Johns Hopkins University                        |                              |
| 93.226      | I                | (5,945)              | Research on Healthcare Costs, Quality and Outcomes            | 2038755                    | Duke University                                 |                              |
| 93.226      | I                | 100,744              | Research on Healthcare Costs, Quality and Outcomes            | 417581G/URFAO:GR510927     | University of Rochester                         |                              |
| 93.226      | I                | 30,763               | Research on Healthcare Costs, Quality and Outcomes            | 5002644610                 | MedStar Health Research Institute               |                              |
| 93.226      | I                | 16,639               | Research on Healthcare Costs, Quality and Outcomes            | AWD103442 (SUB000007       | University of Chicago                           |                              |
| 93.226      | I                | 38,459               | Research on Healthcare Costs, Quality and Outcomes            | SCON-00000462              | RAND Corporation                                |                              |
| 93.233      | I                | 25,713               | National Center on Sleep Disorders Research                   | 2005352589                 | Johns Hopkins University                        |                              |
| 93.233      | I                | 17,939               | National Center on Sleep Disorders Research                   | 21-A0-00-1006478 118604    | New York University School of Medicine          |                              |
| 93.241      | I                | 437,059              | State Rural Hospital Flexibility Program                      | P007036253                 | University of Minnesota                         |                              |
| 93.241      | I                | 125,166              | State Rural Hospital Flexibility Program                      | PO10561253                 | University of Minnesota                         |                              |
| 93.242      | D                | 32,554,996           | Mental Health Research Grants                                 |                            |   |                              |
| 93.242      | I                | 652                  | Mental Health Research Grants                                 | 00001130                   | Brown University                                |                              |
| 93.242      | I                | 115,838              | Mental Health Research Grants                                 | 000014266-E                | Childrens Hospital Los Angeles                  |                              |
| 93.242      | I                | 10,788               | Mental Health Research Grants                                 | 000518108-SC005            | The Board of Trustees of the University         |                              |
| 93.242      | I                | 1,676                | Mental Health Research Grants                                 | 000530967-SC002            | University of Alabama at Birmingham             |                              |
| 93.242      | I                | 14,735               | Mental Health Research Grants                                 | 0255-3351-4609             | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | 6,927                | Mental Health Research Grants                                 | 0255-3355-4609             | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | 21,245               | Mental Health Research Grants                                 | 0255-B711-4609             | Mount Sinai School of Medicine                  |                              |
| 93.242      | I                | (43,307)             | Mental Health Research Grants                                 | 10-NIH-1045                | Duke University                                 |                              |
| 93.242      | I                | 1,981                | Mental Health Research Grants                                 | 1017329/2/27890 PO#1       | Research Foundation for Mental Hygiene          |                              |
| 93.242      | I                | 18,796               | Mental Health Research Grants                                 | 126685                     | Brigham and Women's Hospital                    |                              |
| 93.242      | I                | 32,697               | Mental Health Research Grants                                 | 127906                     | Brigham and Women's Hospital                    |                              |
| 93.242      | I                | 18,780               | Mental Health Research Grants                                 | 13016SC                    | University of California at San Francisco       |                              |
| 93.242      | I                | 33,317               | Mental Health Research Grants                                 | 13868SC                    | University of California at San Francisco       |                              |
| 93.242      | I                | 32,667               | Mental Health Research Grants                                 | 1907499                    | University of Texas at Dallas                   |                              |
| 93.242      | I                | 100,555              | Mental Health Research Grants                                 | 2(GG013838-01)SAPO G15847  | Columbia University Trustees                    |                              |
| 93.242      | I                | 4,982                | Mental Health Research Grants                                 | 2-312-0218223-67176L       | Research Triangle Institute (RTI International) |                              |
| 93.242      | I                | 28,917               | Mental Health Research Grants                                 | 2-312-0218622-67020L       | Research Triangle Institute (RTI International) |                              |
| 93.242      | I                | 15,322               | Mental Health Research Grants                                 | 30006258-02                | Childrens Research Institute                    |                              |
| 93.242      | I                | 9,448                | Mental Health Research Grants                                 | 303001979                  | Duke University                                 |                              |
| 93.242      | I                | 84,559               | Mental Health Research Grants                                 | 34337SUBS3039 / PO#176592  | University of Vermont                           |                              |
| 93.242      | I                | 7                    | Mental Health Research Grants                                 | 416351                     | University of Rochester                         |                              |
| 93.242      | I                | 47,479               | Mental Health Research Grants                                 | 417356G/URFAO GR510795     | University of Rochester                         |                              |
| 93.242      | I                | 65,756               | Mental Health Research Grants                                 | 583347/PO # 4955095        | Trustees of the Univ. of Pennsylvania           |                              |
| 93.242      | I                | 19,519               | Mental Health Research Grants                                 | 585946                     | Trustees of the Univ. of Pennsylvania           |                              |
| 93.242      | I                | 25,839               | Mental Health Research Grants                                 | 62423031-164804            | Leland Stanford Junior University (LSJU)        |                              |
| 93.242      | I                | 314,008              | Mental Health Research Grants                                 | 7137547                    | Rhode Island Hospital                           |                              |
| 93.242      | I                | 127,709              | Mental Health Research Grants                                 | 85339-Z0264205             | University of Maryland                          |                              |
| 93.242      | I                | (5,306)              | Mental Health Research Grants                                 | 9420SC                     | University of California at San Francisco       |                              |
| 93.242      | I                | 21,049               | Mental Health Research Grants                                 | A006759601/ A0067596R1     | University of Minnesota                         |                              |
| 93.242      | I                | 19,317               | Mental Health Research Grants                                 | A03-1588                   | Duke University                                 |                              |
| 93.242      | I                | 13,983               | Mental Health Research Grants                                 | A031713                    | Duke University                                 |                              |
| 93.242      | I                | 17,613               | Mental Health Research Grants                                 | A034572                    | Duke University                                 |                              |
| 93.242      | I                | 202,497              | Mental Health Research Grants                                 | A034582                    | Duke University                                 |                              |
| 93.242      | I                | 111,230              | Mental Health Research Grants                                 | A035001                    | Duke University                                 |                              |
| 93.242      | I                | (8,873)              | Mental Health Research Grants                                 | A15-0085-S002              | University of California at Davis (UCD)         |                              |
| 93.242      | I                | 128,356              | Mental Health Research Grants                                 | A21-1997-S001-A01          | University of California at Davis (UCD)         |                              |
| 93.242      | I                | 1,748                | Mental Health Research Grants                                 | A659038                    | Emory University (EU)                           |                              |
| 93.242      | I                | 21,878               | Mental Health Research Grants                                 | A659038 (A413029)          | Emory University (EU)                           |                              |
| 93.242      | I                | 2,112                | Mental Health Research Grants                                 | AWD-004197-GR100768        | University of Virginia                          |                              |
| 93.242      | I                | 20,038               | Mental Health Research Grants                                 | AWD00002015(134205-2)      | University of Pittsburgh                        |                              |
| 93.242      | I                | 412,469              | Mental Health Research Grants                                 | AWD00002915 (135171-2)     | University of Pittsburgh                        |                              |
| 93.242      | I                | 45,079               | Mental Health Research Grants                                 | CM00008793-00              | Research Foundation of the City Universi        |                              |
| 93.242      | I                | 117,955              | Mental Health Research Grants                                 | CNVA00061652 131408-4      | University of Pittsburgh                        |                              |
| 93.242      | I                | 369                  | Mental Health Research Grants                                 | CON-80003046 (GR113093)    | Yale University                                 |                              |
| 93.242      | I                | 550,057              | Mental Health Research Grants                                 | CON-80003675 (GR116229)    | Yale University                                 |                              |
| 93.242      | I                | 136,276              | Mental Health Research Grants                                 | FY21.1056.001 / 2-5-A9224  | University of Colorado Denver                   |                              |

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|-------------|------------------|----------------------|---|--|---|------------------------------|
| 93.242      | I                | 242,436              | Mental Health Research Grants   | GR103937 (CON-80001359)  | Yale University                                 |                              |
| 93.242      | I                | 131                  | Mental Health Research Grants   | GR110975 (CON-80002786)  | Yale University                                 |                              |
| 93.242      | I                | (3,017)              | Mental Health Research Grants   | IN4687131UNC   | Indiana University System                       |                              |
| 93.242      | I                | 73,328               | Mental Health Research Grants   | K003082-00-S01   | Kitware, Inc.                                   |                              |
| 93.242      | I                | 199,235              | Mental Health Research Grants   | K003285-00-S01   | Kitware, Inc.                                   |                              |
| 93.242      | I                | 93,102               | Mental Health Research Grants   | KR704719   | University of California at San Diego           |                              |
| 93.242      | I                | 2,313                | Mental Health Research Grants   | Mechanisms of Risk and Resilience in ASD: Ontogeny, Phylogeny and Gene Disruption        | Emory University (EU)                           |                              |
| 93.242      | I                | 54,528               | Mental Health Research Grants   | N007059101   | University of Minnesota                         |                              |
| 93.242      | I                | 28,413               | Mental Health Research Grants   | P007689002   | University of Minnesota                         |                              |
| 93.242      | I                | 11,516               | Mental Health Research Grants   | R41MH123287  | innovation Research and Training (iRT)          |                              |
| 93.242      | I                | 155,813              | Mental Health Research Grants   | RC112665N  | Michigan State University                       |                              |
| 93.242      | I                | 100,752              | Mental Health Research Grants   | RC112834C  | Michigan State University                       |                              |
| 93.242      | I                | 4,842                | Mental Health Research Grants   | SBIR-Tough Talks: A Disclosure Intervention for HIV+ YMSM                                | Virtually Better, Inc                           |                              |
| 93.242      | I                | 24,123               | Mental Health Research Grants   | SUB00000023  | University of Rochester                         |                              |
| 93.242      | I                | 42,432               | Mental Health Research Grants   | SUBK00017903/ 3007095373   | University of Michigan Ann Arbor                |                              |
| 93.242      | I                | 12,426               | Mental Health Research Grants   | VUMC106738   | Vanderbilt University Medical Center            |                              |
| 93.242      | I                | 924                  | Mental Health Research Grants   | VUMC108628   | Vanderbilt University Medical Center            |                              |
| 93.242      | I                | 7                    | Mental Health Research Grants   | WU-12-280/PO 2917859   | Washington University in Saint Louis            |                              |
| 93.242      | I                | 108,552              | Mental Health Research Grants   | WU-19-410/ PO# ST00000502  | Washington University in Saint Louis            |                              |
| 93.242      | I                | 436,045              | Mental Health Research Grants   | WU-19-411/ST00000503   | Washington University in Saint Louis            |                              |
| 93.242      | I                | 22,478               | Mental Health Research Grants   | WU-19-412/PO ST00000504  | Washington University in Saint Louis            |                              |
| 93.242      | I                | 6,924                | Mental Health Research Grants   | WU-21-2 ST00000510   | Washington University in Saint Louis            |                              |
| 93.242      | I                | 108,858              | Mental Health Research Grants   | WU-21-4/ PO ST00000512   | Washington University in Saint Louis            |                              |
| 93.242      | I                | 27,043               | Mental Health Research Grants   | WU-23-0406 ST00013019  | Washington University in Saint Louis            |                              |
| 93.243      | D                | 2,170,527            | Substance Abuse and Mental Health Services Projects of Regional and National Significance                                     |  |   |                              |
| 93.243      | I                | 9,000                | Substance Abuse and Mental Health Services Projects of Regional and National Significance                                     | A032722 2036635 45   | Duke University                                 |                              |
| 93.243      | I                | 977                  | Substance Abuse and Mental Health Services Projects of Regional and National Significance                                     | Carolina Alcohol and Drug Expansion Team (CADET) for Persons Living with HIV/AIDS        | Duke University                                 |                              |
| 93.247      | D                | 1,340,817            | Advanced Nursing Education Workforce Grant Program  |  |   |                              |
| 93.250      | D                | 93,210               | Geriatric Academic Career Awards Department of Health and Human Services  |  |   |                              |
| 93.261      | I                | 71,444               | Scaling the National Diabetes Prevention Program to Priority Populations  | Leveraging Pharmacy Students to Screen for Prediabetes in the Community Pharmacy Setting | APHA Foundation                                 |                              |
| 93.262      | D                | 3,145,617            | Occupational Safety and Health Program  |  |   |                              |
| 93.262      | I                | 7,614                | Occupational Safety and Health Program  | 3001-1406-15   | CPRW - The Center for Construction Resea        |                              |
| 93.262      | I                | (14,376)             | Occupational Safety and Health Program  | PO0000100059/ 4885 1   | University of Rhode Island                      |                              |
| 93.264      | D                | 699,313              | Nurse Faculty Loan Program (NFLP)   |  |   |                              |
| 93.266      | I                | 20,930               | Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency Plan for AIDS Relief | 00001933   | Brown University                                |                              |
| 93.266      | I                | 21,996               | Health Systems Strengthening and HIV/AIDS Prevention, Care and Treatment under the President's Emergency Plan for AIDS Relief | 00001946   | Brown University                                |                              |
| 93.273      | D                | 11,581,717           | Alcohol Research Programs   |  |   |                              |
| 93.273      | I                | 280,806              | Alcohol Research Programs   | 1-340-0217732-66127L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | 55,409               | Alcohol Research Programs   | 2005379234   | Johns Hopkins University                        |                              |
| 93.273      | I                | 5,581                | Alcohol Research Programs   | 3-340-0215297-67247L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | 12,863               | Alcohol Research Programs   | 3-340-0216547-66526L   | Research Triangle Institute (RTI International) |                              |
| 93.273      | I                | (4,744)              | Alcohol Research Programs   | 55478  | Binghamton University                           |                              |
| 93.273      | I                | 16,598               | Alcohol Research Programs   | 60060439 UNC   | Northwestern University                         |                              |
| 93.273      | I                | 77,520               | Alcohol Research Programs   | PO#P00496793/AWD00002201   | University of Pittsburgh                        |                              |
| 93.273      | I                | 2,574                | Alcohol Research Programs   | Role of Histamine H3 Receptors on Alcohol Responses                                      | Canadian Centre for Addiction and Mental        |                              |
| 93.279      | D                | 12,954,547           | Drug Abuse and Addiction Research Programs  |  |   |                              |
| 93.279      | I                | 271,392              | Drug Abuse and Addiction Research Programs  | 00001481   | Brown University                                |                              |
| 93.279      | I                | 35,255               | Drug Abuse and Addiction Research Programs  | 00001902   | Brown University                                |                              |
| 93.279      | I                | (61)                 | Drug Abuse and Addiction Research Programs  | 1-312-0216046-65210L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | 10,689               | Drug Abuse and Addiction Research Programs  | 10056991-01  | University of Utah                              |                              |
| 93.279      | I                | 93,561               | Drug Abuse and Addiction Research Programs  | 1021-45117-11000000036   | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 22,632               | Drug Abuse and Addiction Research Programs  | 123125   | Brigham and Women's Hospital                    |                              |
| 93.279      | I                | 234,130              | Drug Abuse and Addiction Research Programs  | 12345SC  | University of California at San Francisco       |                              |
| 93.279      | I                | 24,577               | Drug Abuse and Addiction Research Programs  | 1288-45120-11000000668   | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 19,659               | Drug Abuse and Addiction Research Programs  | 1425-4510411000000724  | Wake Forest University Health Sciences          |                              |
| 93.279      | I                | 3,621                | Drug Abuse and Addiction Research Programs  | 2-312-0216046-65212L   | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | (9,844)              | Drug Abuse and Addiction Research Programs  | 2-312-0216924-65603L   | Research Triangle Institute (RTI International) |                              |

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|-------------|------------------|----------------------|--|---|---|------------------------------|
| 93.279      | I                | (40,722)             | Drug Abuse and Addiction Research Programs   | 210247-0421-07  | Jackson Laboratory                              |                              |
| 93.279      | I                | 127,871              | Drug Abuse and Addiction Research Programs   | 210247-0623-07  | Jackson Laboratory                              |                              |
| 93.279      | I                | 15,132               | Drug Abuse and Addiction Research Programs   | 3-312-0216046-65211L  | Research Triangle Institute (RTI International) |                              |
| 93.279      | I                | 37,406               | Drug Abuse and Addiction Research Programs   | 417654G/URFAO.GR510988  | University of Rochester                         |                              |
| 93.279      | I                | 27,280               | Drug Abuse and Addiction Research Programs   | 417870-G URFAOGR511144  | University of Rochester                         |                              |
| 93.279      | I                | (86)                 | Drug Abuse and Addiction Research Programs   | 4500004027  | Boston University Board of Trustees             |                              |
| 93.279      | I                | (1,583)              | Drug Abuse and Addiction Research Programs   | 5071-S01  | Actuated Medical, Inc (AMI)                     |                              |
| 93.279      | I                | 52,271               | Drug Abuse and Addiction Research Programs   | 705059  | University of California at San Diego           |                              |
| 93.279      | I                | 9,224                | Drug Abuse and Addiction Research Programs   | 7147185LBR  | Miriam Hospital                                 |                              |
| 93.279      | I                | 12,901               | Drug Abuse and Addiction Research Programs   | 7147185LM   | Miriam Hospital                                 |                              |
| 93.279      | I                | 174,875              | Drug Abuse and Addiction Research Programs   | A03-5587  | Duke University                                 |                              |
| 93.279      | I                | 194,504              | Drug Abuse and Addiction Research Programs   | A032001   | Duke University                                 |                              |
| 93.279      | I                | (13)                 | Drug Abuse and Addiction Research Programs   | A033612   | Duke University                                 |                              |
| 93.279      | I                | 17,474               | Drug Abuse and Addiction Research Programs   | A035140   | Duke University                                 |                              |
| 93.279      | I                | 121,110              | Drug Abuse and Addiction Research Programs   | ASUB00001228  | Arizona State University                        |                              |
| 93.279      | I                | 48,441               | Drug Abuse and Addiction Research Programs   | AWD00000068 (132578-5)  | University of Pittsburgh                        |                              |
| 93.279      | I                | 26,524               | Drug Abuse and Addiction Research Programs   | AWD6300 (138503-3)  | University of Pittsburgh                        |                              |
| 93.279      | I                | 46,756               | Drug Abuse and Addiction Research Programs   | CON-80003586 (GR115915)   | Yale University                                 |                              |
| 93.279      | I                | 41,404               | Drug Abuse and Addiction Research Programs   | CON-80003715(GR116595)  | Yale University                                 |                              |
| 93.279      | I                | 15,264               | Drug Abuse and Addiction Research Programs   | GB10546_PO #2126807   | University of Virginia                          |                              |
| 93.279      | I                | 134,784              | Drug Abuse and Addiction Research Programs   | GR122791/SPC-1000004849   | Ohio State University                           |                              |
| 93.279      | I                | 30,692               | Drug Abuse and Addiction Research Programs   | GR124248  | Ohio State University                           |                              |
| 93.279      | I                | 73,361               | Drug Abuse and Addiction Research Programs   | GR235359/ SPC-1000005650  | Ohio State University                           |                              |
| 93.279      | I                | 37,225               | Drug Abuse and Addiction Research Programs   | KR 704805   | University of California at San Diego           |                              |
| 93.279      | I                | 85,037               | Drug Abuse and Addiction Research Programs   | KR 704917   | University of California at San Diego           |                              |
| 93.279      | I                | 98,189               | Drug Abuse and Addiction Research Programs   | R01DA050696-S2UNC   | Avera Health                                    |                              |
| 93.279      | I                | 15,074               | Drug Abuse and Addiction Research Programs   | RGF012667-A   | Childrens Hospital Los Angeles                  |                              |
| 93.279      | I                | 7,971                | Drug Abuse and Addiction Research Programs   | S20-01277   | NYU Medical Center                              |                              |
| 93.279      | I                | 48,625               | Drug Abuse and Addiction Research Programs   | SBIR: Development and Evaluation of a Higher Power tACS Device for the Treatment of SUD               | Pulvinar Neuro LLC                              |                              |
| 93.279      | I                | 1,608                | Drug Abuse and Addiction Research Programs   | SBIR: Genomic Mapping Platform to Measure Acute Transcriptional Response Dynamics                     | EpiCypher, Inc.                                 |                              |
| 93.279      | I                | 67,088               | Drug Abuse and Addiction Research Programs   | UCHC7-148747516   | University of Connecticut Health Center         |                              |
| 93.283      | D                | 44,075               | Centers for Disease Control and Prevention Investigations and Technical Assistance   |   |   |                              |
| 93.283      | I                | (2,009)              | Centers for Disease Control and Prevention Investigations and Technical Assistance   | 16011-1 55  | Association of State and Territorial Hea        |                              |
| 93.283      | I                | (800)                | Centers for Disease Control and Prevention Investigations and Technical Assistance   | S3810-26/28   | Association of Schools of Public Health         |                              |
| 93.286      | D                | 3,674,275            | Discovery and Applied Research for Technological Innovations to Improve Human Health |   |   |                              |
| 93.286      | I                | (710)                | Discovery and Applied Research for Technological Innovations to Improve Human Health | 13-1854   | Cell Microsystems, Inc.                         |                              |
| 93.286      | I                | 384                  | Discovery and Applied Research for Technological Innovations to Improve Human Health | 14-3473   | Cell Microsystems, Inc.                         |                              |
| 93.286      | I                | 50,437               | Discovery and Applied Research for Technological Innovations to Improve Human Health | A23-0012-S001   | University of Tennessee at Knoxville (UT)       |                              |
| 93.286      | I                | 111,817              | Discovery and Applied Research for Technological Innovations to Improve Human Health | K003169-00-S01  | Kitware, Inc.                                   |                              |
| 93.286      | I                | 10,124               | Discovery and Applied Research for Technological Innovations to Improve Human Health | SBIR: A preclinical multi-modal system for dynamic noninvasive assessment of liver disease            | Sonovol, LLC                                    |                              |
| 93.286      | I                | 40,244               | Discovery and Applied Research for Technological Innovations to Improve Human Health | SBIR: Development of LED Photoredox Radiolabeling Device  | LED Radiofluidics Corporation                   |                              |
| 93.286      | I                | 20,116               | Discovery and Applied Research for Technological Innovations to Improve Human Health | SBIR: MEMS-enhanced solid-phase isothermal amplification for rapid, multiplexed molecular diagnostics | Redbud Labs                                     |                              |
| 93.286      | I                | 108,333              | Discovery and Applied Research for Technological Innovations to Improve Human Health | THE-282677 PO 68564775  | Mayo Clinic                                     |                              |
| 93.286      | I                | 46,402               | Discovery and Applied Research for Technological Innovations to Improve Human Health | THE-282677 PO 693928  | Mayo Clinic                                     |                              |
| 93.286      | I                | 37                   | Discovery and Applied Research for Technological Innovations to Improve Human Health | UNIV 58419/2186-0163  | Vanderbilt University Medical Center            |                              |
| 93.300      | D                | 881,559              | National Center for Health Workforce Analysis  |   |   |                              |
| 93.307      | D                | 7,301,513            | Minority Health and Health Disparities Research                                      |   |   |                              |
| 93.307      | I                | 7,392                | Minority Health and Health Disparities Research                                      | 13136001  | University of Central Florida (UCF)             |                              |
| 93.307      | I                | (4,925)              | Minority Health and Health Disparities Research                                      | 16-2910/PO2000005316  | University of South Carolina (USC)              |                              |

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|-------------|------------------|----------------------|--|----------------------------|---|------------------------------|
| 93.307      | I                | 77,277               | Minority Health and Health Disparities Research  | 303000923                  | Duke University                                 |                              |
| 93.307      | I                | 36,827               | Minority Health and Health Disparities Research  | 31106A P0924275            | Albert Einstein College of Medicine Inc         |                              |
| 93.307      | I                | 109,030              | Minority Health and Health Disparities Research  | 575095                     | Trustees of the Univ. of Pennsylvania           |                              |
| 93.307      | I                | 15,355               | Minority Health and Health Disparities Research  | 900141-2                   | Drexel University                               |                              |
| 93.307      | I                | 110,378              | Minority Health and Health Disparities Research  | A22-0777                   | Equiti Foods, LLC                               |                              |
| 93.307      | I                | 28,943               | Minority Health and Health Disparities Research  | A523979                    | Emory University (EU)                           |                              |
| 93.307      | I                | 26,474               | Minority Health and Health Disparities Research  | A767073                    | Emory University (EU)                           |                              |
| 93.307      | I                | 10,717               | Minority Health and Health Disparities Research  | GB10826 PO 2265647         | University of Virginia                          |                              |
| 93.307      | I                | 50,791               | Minority Health and Health Disparities Research  | R000002853                 | Florida State University                        |                              |
| 93.310      | D                | 12,168,243           | Trans-NIH Research Support   |                            |   |                              |
| 93.310      | I                | (13,645)             | Trans-NIH Research Support   | 00001706                   | Brown University                                |                              |
| 93.310      | I                | 22,570               | Trans-NIH Research Support   | 01612-14297                | Saint Louis University                          |                              |
| 93.310      | I                | 13,485               | Trans-NIH Research Support   | 1090672-461669             | Carnegie Mellon University (CMU)                |                              |
| 93.310      | I                | 16,838               | Trans-NIH Research Support   | 111593808 (S9002160)       | University of California at San Diego           |                              |
| 93.310      | I                | 62,894               | Trans-NIH Research Support   | 12352SC                    | University of California at San Francisco       |                              |
| 93.310      | I                | 47,400               | Trans-NIH Research Support   | 16-A0-00-006256            | NYU Medical Center                              |                              |
| 93.310      | I                | 9,920                | Trans-NIH Research Support   | 16-A0-00006256/ M19018955  | NYU Medical Center                              |                              |
| 93.310      | I                | 1,558,936            | Trans-NIH Research Support   | 19-A0-00-1003237           | New York University School of Medicine          |                              |
| 93.310      | I                | (76,004)             | Trans-NIH Research Support   | 2004970830                 | Johns Hopkins University                        |                              |
| 93.310      | I                | 68,262               | Trans-NIH Research Support   | 2005487027                 | Johns Hopkins University                        |                              |
| 93.310      | I                | 19,734               | Trans-NIH Research Support   | 22-4437                    | National Alliance for Hispanic Health           |                              |
| 93.310      | I                | 984                  | Trans-NIH Research Support   | 3003124659                 | University of Michigan (UMICH)                  |                              |
| 93.310      | I                | 174,095              | Trans-NIH Research Support   | 303001139                  | Duke University                                 |                              |
| 93.310      | I                | 96,808               | Trans-NIH Research Support   | 5001316-5500001793         | Broad Institute                                 |                              |
| 93.310      | I                | 17,795               | Trans-NIH Research Support   | 5001441                    | Women and Infants Hospital of Rhode Isla        |                              |
| 93.310      | I                | 1,252,883            | Trans-NIH Research Support   | 62790122-233304 5475209    | Leland Stanford Junior University (LSJU)        |                              |
| 93.310      | I                | 45,208               | Trans-NIH Research Support   | 900168                     | Drexel University                               |                              |
| 93.310      | I                | 50,264               | Trans-NIH Research Support   | 900244 U0269165            | Drexel University                               |                              |
| 93.310      | I                | 8,614,711            | Trans-NIH Research Support   | A03-5081                   | Duke University                                 |                              |
| 93.310      | I                | 34,734               | Trans-NIH Research Support   | A03-5219                   | Duke University                                 |                              |
| 93.310      | I                | 42,284               | Trans-NIH Research Support   | FY22.253.002               | University of Colorado Denver                   |                              |
| 93.310      | I                | 132,151              | Trans-NIH Research Support   | GR111819(CON-80002846)     | Yale University                                 |                              |
| 93.310      | I                | 1,744                | Trans-NIH Research Support   | R902                       | Dartmouth College                               |                              |
| 93.310      | I                | 58,507               | Trans-NIH Research Support   | S007577-01                 | Stellenbosch University                         |                              |
| 93.310      | I                | 49,130               | Trans-NIH Research Support   | SUB00000417/ GR532982      | University of Rochester                         |                              |
| 93.310      | I                | 5,111                | Trans-NIH Research Support   | TUL-HSC-558484-20/21       | Tulane University                               |                              |
| 93.315      | I                | 4,615                | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217091-65696L       | Research Triangle Institute (RTI International) |                              |
| 93.315      | I                | 4,013                | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217093-65695L       | Research Triangle Institute (RTI International) |                              |
| 93.315      | I                | 39,554               | Rare Disorders: Research, Surveillance, Health Promotion, and Education                                    | 1-312-0217095-65698L       | Research Triangle Institute (RTI International) |                              |
| 93.326      | I                | 15,112               | Strengthening Public Health through Surveillance, Epidemiologic Research, Disease Detection and Prevention | SUB000003038               | University of Florida                           |                              |
| 93.326      | I                | 25,594               | Strengthening Public Health through Surveillance, Epidemiologic Research, Disease Detection and Prevention | SUB000003429               | University of Florida                           |                              |
| 93.342      | D                | 3,783,329            | Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students            |                            |   |                              |
| 93.350      | D                | 14,901,543           | National Center for Advancing Translational Sciences   |                            |   |                              |
| 93.350      | I                | 32,874               | National Center for Advancing Translational Sciences   | 000518169-SC007            | University of Alabama at Birmingham             |                              |
| 93.350      | I                | 45,969               | National Center for Advancing Translational Sciences   | 1-312-021703-66380L        | Research Triangle Institute (RTI International) |                              |
| 93.350      | I                | 19,255               | National Center for Advancing Translational Sciences   | 12867SUB                   | Seattle Children's Hospital                     |                              |
| 93.350      | I                | 1,213                | National Center for Advancing Translational Sciences   | 169780/169776              | University of Texas Health Science Cente        |                              |
| 93.350      | I                | 125,556              | National Center for Advancing Translational Sciences   | 2004376928                 | Johns Hopkins University                        |                              |
| 93.350      | I                | 28,234               | National Center for Advancing Translational Sciences   | 303000721                  | Duke University                                 |                              |
| 93.350      | I                | 53,601               | National Center for Advancing Translational Sciences   | 303000722                  | Duke University                                 |                              |
| 93.350      | I                | 70,591               | National Center for Advancing Translational Sciences   | 303001487                  | Duke University                                 |                              |
| 93.350      | I                | 9,557                | National Center for Advancing Translational Sciences   | 4500004193                 | Boston University Board of Trustees             |                              |
| 93.350      | I                | 8,249                | National Center for Advancing Translational Sciences   | 4500004608                 | Boston University Board of Trustees             |                              |
| 93.350      | I                | 15,885               | National Center for Advancing Translational Sciences   | 5017091-SERV               | Tufts Medical Center                            |                              |
| 93.350      | I                | 16,906               | National Center for Advancing Translational Sciences   | 5017110-SERV               | Tufts Medical Center                            |                              |
| 93.350      | I                | (43,457)             | National Center for Advancing Translational Sciences   | A031874                    | Duke University                                 |                              |
| 93.350      | I                | 41,348               | National Center for Advancing Translational Sciences   | FY22.1126.001              | University of Colorado Denver                   |                              |
| 93.350      | I                | 450,645              | National Center for Advancing Translational Sciences   | FY22.1126.042              | University of Colorado Denver                   |                              |
| 93.350      | I                | (51,331)             | National Center for Advancing Translational Sciences   | P0503A-A                   | Oregon State University                         |                              |

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|-------------|------------------|----------------------|---|---|--|------------------------------|
| 93.350      | I                | 295,228              | National Center for Advancing Translational Sciences  | SBIR: InflammaGut: a drug-screenable co-culture system using gut-associated lymphocytes and autologous primary human gut epithelium that reports inflammation | Altis Biosystems, Inc. (formerly Altis B)  |                              |
| 93.350      | I                | 168,605              | National Center for Advancing Translational Sciences  | SBIR: Therapy of Pulmonary Diseases with Peptide-Oligonucleotide Conjugates and Small Molecule Enhancing Compounds  | Initox Pharmaceuticals, LLC                |                              |
| 93.350      | I                | 262,165              | National Center for Advancing Translational Sciences  | WU-23-0346 ST00011606   | Washington University in Saint Louis       |                              |
| 93.350      | I                | 6,646                | National Center for Advancing Translational Sciences  | WU-24-0024 PO ST00015827  | Washington University in Saint Louis       |                              |
| 93.351      | D                | 4,357,775            | Research Infrastructure Programs  |   |  |                              |
| 93.353      | D                | 2,287,291            | 21st Century Cures Act - Beau Biden Cancer Moonshot   |   |  |                              |
| 93.353      | I                | 23,341               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 000526841-SC002   | University of Alabama at Birmingham        |                              |
| 93.353      | I                | 11,168               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 1001837485  | University of Iowa                         |                              |
| 93.353      | I                | 84,837               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 11001337-027  | Purdue University                          |                              |
| 93.353      | I                | 81,587               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 30004929-01   | Childrens Research Institute               |                              |
| 93.353      | I                | 79,694               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 30004929-02   | Childrens Research Institute               |                              |
| 93.353      | I                | 4,151                | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 3001688155  | University of Texas MD Anderson Cancer C   |                              |
| 93.353      | I                | 36,448               | 21st Century Cures Act - Beau Biden Cancer Moonshot   | 303001421   | Duke University                            |                              |
| 93.354      | I                | 14,663               | Public Health Emergency Response: Cooperative Agreement for Emergency Response: Public Health Crisis Response | 23-3263   | Granville-Vance District Health Department |                              |
| 93.359      | D                | 265,731              | Nurse Education, Practice Quality and Retention Grants  |   |  |                              |
| 93.359      | I                | (824)                | Nurse Education, Practice Quality and Retention Grants  | FP00007763_SA005  | Virginia Commonwealth University (VCU)     |                              |
| 93.361      | D                | 2,024,226            | Nursing Research  |   |  |                              |
| 93.361      | I                | 108,210              | Nursing Research  | 000527573-SC001   | University of Alabama at Birmingham        |                              |
| 93.361      | I                | 6,874                | Nursing Research  | 2(GG017761-01)  | Columbia University Trustees               |                              |
| 93.361      | I                | 11,635               | Nursing Research  | 203-8505  | Duke University                            |                              |
| 93.361      | I                | 4,726                | Nursing Research  | 2034963   | Duke University                            |                              |
| 93.361      | I                | 7,687                | Nursing Research  | 2038886   | Duke University                            |                              |
| 93.361      | I                | 10,517               | Nursing Research  | 5111621-1   | Boston College (BC)                        |                              |
| 93.361      | I                | 131,284              | Nursing Research  | A03-5517  | Duke University                            |                              |
| 93.361      | I                | 12,912               | Nursing Research  | A031828   | Duke University                            |                              |
| 93.361      | I                | 848                  | Nursing Research  | FY22.105.002_AMD4   | University of Colorado Denver              |                              |
| 93.361      | I                | 29,820               | Nursing Research  | FY22.105.010  | University of Colorado Denver              |                              |
| 93.361      | I                | 75,047               | Nursing Research  | FY23.105.004_AMD5   | University of Colorado Denver              |                              |
| 93.361      | I                | 363,850              | Nursing Research  | OS00000947/PO#SPC-002935  | University of Miami                        |                              |
| 93.361      | I                | 109,205              | Nursing Research  | OS00000948 SPC002918  | University of Miami                        |                              |
| 93.361      | I                | 4,334                | Nursing Research  | PO 75322/ UWSC14676   | University of Washington                   |                              |
| 93.364      | D                | 395,659              | Nursing Student Loans   |   |  |                              |
| 93.378      | I                | 277,962              | Integrated Care for Kids Model  | 309000006   | Duke University                            |                              |
| 93.378      | I                | 161,505              | Integrated Care for Kids Model  | 309000032   | Duke University                            |                              |
| 93.393      | D                | 17,250,132           | Cancer Cause and Prevention Research  |   |  |                              |
| 93.393      | I                | 26,540               | Cancer Cause and Prevention Research  | 000527577-SC008   | The Board of Trustees of the University    |                              |
| 93.393      | I                | 1,348                | Cancer Cause and Prevention Research  | 000527577-SC008   | University of Alabama at Birmingham        |                              |
| 93.393      | I                | 80,331               | Cancer Cause and Prevention Research  | 10058539-01 U0000346  | University of Utah                         |                              |
| 93.393      | I                | 163,192              | Cancer Cause and Prevention Research  | 10058539-01 U000401998  | University of Utah                         |                              |
| 93.393      | I                | (650)                | Cancer Cause and Prevention Research  | 115-9341-UNC-01   | Kaiser Foundation Research Institute       |                              |
| 93.393      | I                | 43,067               | Cancer Cause and Prevention Research  | 13498SC   | University of California at San Francisco  |                              |
| 93.393      | I                | 11,818               | Cancer Cause and Prevention Research  | 13816sc   | University of California at San Francisco  |                              |
| 93.393      | I                | 22,274               | Cancer Cause and Prevention Research  | 201603696-08/A18-0177-S00   | University of California at Davis (UCD)    |                              |
| 93.393      | I                | 809                  | Cancer Cause and Prevention Research  | 203-0297  | Duke University                            |                              |
| 93.393      | I                | 31,458               | Cancer Cause and Prevention Research  | 204561UNC   | University of Notre Dame                   |                              |
| 93.393      | I                | 18,078               | Cancer Cause and Prevention Research  | 21-0702/PO4550982623  | Duke University                            |                              |
| 93.393      | I                | 27,640               | Cancer Cause and Prevention Research  | 22-0986   | AccuNovo Biotechnologies Inc               |                              |
| 93.393      | I                | (45)                 | Cancer Cause and Prevention Research  | 3004700015/PO3005744972   | University of Michigan (UMICH)             |                              |
| 93.393      | I                | 4,385                | Cancer Cause and Prevention Research  | 3006632396 - 3004700015   | University of Michigan (UMICH)             |                              |
| 93.393      | I                | 211,816              | Cancer Cause and Prevention Research  | 3RCQ4   | University of New Mexico at Albuquerque    |                              |
| 93.393      | I                | 121,529              | Cancer Cause and Prevention Research  | 425038_GR424901-UNC   | Georgetown University                      |                              |
| 93.393      | I                | 160,102              | Cancer Cause and Prevention Research  | 497-32751-10000550124   | Wake Forest University                     |                              |
| 93.393      | I                | (977)                | Cancer Cause and Prevention Research  | 55-8002-01  | SUNY Buffalo Roswell Park Cancer Institute |                              |
| 93.393      | I                | 60,128               | Cancer Cause and Prevention Research  | 555-45117-10000555115   | Wake Forest University Health Sciences     |                              |
| 93.393      | I                | 111,896              | Cancer Cause and Prevention Research  | 576656/PO#4933336   | Trustees of the Univ. of Pennsylvania      |                              |
| 93.393      | I                | 6,317                | Cancer Cause and Prevention Research  | 705361  | University of California at San Diego      |                              |
| 93.393      | I                | 61,064               | Cancer Cause and Prevention Research  | A01749-16641  | Saint Louis University                     |                              |

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|-------------|------------------|----------------------|---|--|--|------------------------------|
| 93.393      | I                | 23,332               | Cancer Cause and Prevention Research    | A035175  | Duke University                          |                              |
| 93.393      | I                | 103,696              | Cancer Cause and Prevention Research    | A21-0071-S002  | Medical University of South Carolina     |                              |
| 93.393      | I                | 345,878              | Cancer Cause and Prevention Research    | A22-1534-S008  | University of California at Davis (UCD)  |                              |
| 93.393      | I                | (1)                  | Cancer Cause and Prevention Research    | AGR20160253  | Becton Dickinson (BD) and Company        |                              |
| 93.393      | I                | (20)                 | Cancer Cause and Prevention Research    | BD525563   | Memorial Sloan-Kettering Cancer Center   |                              |
| 93.393      | I                | 7,955                | Cancer Cause and Prevention Research    | C21881527  | Memorial Sloan-Kettering Cancer Center   |                              |
| 93.393      | I                | 7,586                | Cancer Cause and Prevention Research    | C21900541  | Memorial Sloan-Kettering Cancer Center   |                              |
| 93.393      | I                | 44,723               | Cancer Cause and Prevention Research    | C22340232  | Memorial Sloan-Kettering Cancer Center   |                              |
| 93.393      | I                | 1,139                | Cancer Cause and Prevention Research    | CA142081   | Duke University                          |                              |
| 93.393      | I                | 18,226               | Cancer Cause and Prevention Research    | CCF23209065  | Cleveland Clinic Lerner College of Medic |                              |
| 93.393      | I                | 7,520                | Cancer Cause and Prevention Research    | CON-80002965 (GR112429)                                  | Yale University                          |                              |
| 93.393      | I                | 13,706               | Cancer Cause and Prevention Research    | CRA / SCR / 2019 / 8                                     | International Agency Research on Cancer  |                              |
| 93.393      | I                | 575,195              | Cancer Cause and Prevention Research    | CRA SCR 2018-28  | International Agency Research on Cancer  |                              |
| 93.393      | I                | (866)                | Cancer Cause and Prevention Research    | E0012914   | University of Illinois at Chicago (UIC)  |                              |
| 93.393      | I                | (4,401)              | Cancer Cause and Prevention Research    | FP00003673_SA001   | Virginia Commonwealth University (VCU)   |                              |
| 93.393      | I                | (3,122)              | Cancer Cause and Prevention Research    | FY16.804.001   | University of Colorado Denver            |                              |
| 93.393      | I                | 10,365               | Cancer Cause and Prevention Research    | GMO: 231221 PO 00000                                     | University of Texas Southwestern Medical |                              |
| 93.393      | I                | 15,578               | Cancer Cause and Prevention Research    | PO 2021444143 /RNG21                                     | Kaiser Permanente Washington Health Rese |                              |
| 93.393      | I                | 3,776                | Cancer Cause and Prevention Research    | PO 6900693327 AGR201                                     | Becton Dickinson (BD) and Company        |                              |
| 93.393      | I                | 88,831               | Cancer Cause and Prevention Research    | RNG211061-UNC-01   | Kaiser Permanente Division of Research   |                              |
| 93.393      | I                | 12,287               | Cancer Cause and Prevention Research    | RNG211062-UNC-01   | Kaiser Permanente Division of Research   |                              |
| 93.393      | I                | 59,522               | Cancer Cause and Prevention Research    | RNG211063-UNC-01   | Kaiser Permanente Division of Research   |                              |
| 93.393      | I                | 42,641               | Cancer Cause and Prevention Research    | RNG211064-UNC-01   | Kaiser Permanente Division of Research   |                              |
| 93.393      | I                | 9,738                | Cancer Cause and Prevention Research    | RNG211477-UNC-02   | Kaiser Foundation Research Institute     |                              |
| 93.393      | I                | 3,163                | Cancer Cause and Prevention Research    | RNG211580-UNC  | Kaiser Permanente Washington Health Rese |                              |
| 93.393      | I                | (2,163)              | Cancer Cause and Prevention Research    | Risk Based Breast Cancer Screening in Community Settings | Group Health Center for Health Studies   |                              |
| 93.393      | I                | 3,443                | Cancer Cause and Prevention Research    | SUB00000426 CC22131                                      | Memorial Sloan-Kettering Cancer Center   |                              |
| 93.393      | I                | 336                  | Cancer Cause and Prevention Research    | SUBK00017095/PO3006912546                                | University of Michigan (UMICH)           |                              |
| 93.393      | I                | 54,195               | Cancer Cause and Prevention Research    | UWSC12808 PO56485  | University of Washington                 |                              |
| 93.393      | I                | 84,788               | Cancer Cause and Prevention Research    | UWSC13687 PO 65865                                       | University of Washington                 |                              |
| 93.393      | I                | (1,582)              | Cancer Cause and Prevention Research    | VUMC 42432   | Vanderbilt University Medical Center     |                              |
| 93.393      | I                | 130,603              | Cancer Cause and Prevention Research    | WU-20-397/PO# ST00000429                                 | Washington University in Saint Louis     |                              |
| 93.393      | I                | (544)                | Cancer Cause and Prevention Research    | WU-21-361  | Washington University in Saint Louis     |                              |
| 93.394      | D                | 4,852,478            | Cancer Detection and Diagnosis Research |  |  |                              |
| 93.394      | I                | 34,128               | Cancer Detection and Diagnosis Research | 001  | DL Analytics, LLC                        |                              |
| 93.394      | I                | 21,795               | Cancer Detection and Diagnosis Research | 240072   | Massachusetts General Hospital           |                              |
| 93.394      | I                | (58,003)             | Cancer Detection and Diagnosis Research | 3D Photoacoustic and US Breast Imaging                   | OptoSonics, Inc.                         |                              |
| 93.394      | I                | 837                  | Cancer Detection and Diagnosis Research | 7000000410   | Baylor College of Medicine               |                              |
| 93.394      | I                | 11,102               | Cancer Detection and Diagnosis Research | 7000001351   | Baylor University College of Medicine    |                              |
| 93.394      | I                | 14,180               | Cancer Detection and Diagnosis Research | 7137836  | Rhode Island Hospital                    |                              |
| 93.394      | I                | 9,501                | Cancer Detection and Diagnosis Research | A03-0637   | Duke University                          |                              |
| 93.394      | I                | 9,913                | Cancer Detection and Diagnosis Research | R1109660   | SUNY at Buffalo                          |                              |
| 93.394      | I                | 18,301               | Cancer Detection and Diagnosis Research | RES600619  | Case Western Reserve University          |                              |
| 93.394      | I                | 63,648               | Cancer Detection and Diagnosis Research | RES600952  | Case Western Reserve University          |                              |
| 93.394      | I                | 273,152              | Cancer Detection and Diagnosis Research | SUB00002554  | University of Georgia Board of Regents   |                              |
| 93.394      | I                | 101,875              | Cancer Detection and Diagnosis Research | SUB0000542   | Princeton University                     |                              |
| 93.394      | I                | 13,843               | Cancer Detection and Diagnosis Research | SUBK00014248   | University of Michigan (UMICH)           |                              |
| 93.394      | I                | 579                  | Cancer Detection and Diagnosis Research | THE-242677-02/ 68332210                                  | Mayo Clinic in Jacksonville              |                              |
| 93.394      | I                | 36,348               | Cancer Detection and Diagnosis Research | THE-242677-03/ 68881318                                  | Mayo Clinic in Jacksonville              |                              |
| 93.394      | I                | 51,092               | Cancer Detection and Diagnosis Research | UWSC13867 PO 67471                                       | University of Washington                 |                              |
| 93.394      | I                | (2,324)              | Cancer Detection and Diagnosis Research | VUMC 38860   | Vanderbilt University Medical Center     |                              |
| 93.395      | D                | 15,183,512           | Cancer Treatment Research               |  |  |                              |
| 93.395      | I                | 25,060               | Cancer Treatment Research               | 0125 G XA917   | University of California at Los Angeles  |                              |
| 93.395      | I                | 27,758               | Cancer Treatment Research               | 0255-3281-4609   | Mount Sinai School of Medicine           |                              |
| 93.395      | I                | 333,351              | Cancer Treatment Research               | 0255-G341-4609   | Mount Sinai School of Medicine           |                              |
| 93.395      | I                | (130)                | Cancer Treatment Research               | 13748  | EMMES Corporation                        |                              |
| 93.395      | I                | 25,994               | Cancer Treatment Research               | 13765/Chibweshwa   | EMMES Corporation                        |                              |
| 93.395      | I                | 92,137               | Cancer Treatment Research               | 13765/Chinula  | EMMES Corporation                        |                              |
| 93.395      | I                | 69,971               | Cancer Treatment Research               | 13765/Dittmer  | EMMES Corporation                        |                              |
| 93.395      | I                | 9,728                | Cancer Treatment Research               | 13765/Dittus   | EMMES Corporation                        |                              |
| 93.395      | I                | (4,999)              | Cancer Treatment Research               | 1568 G UA023   | University of California at Los Angeles  |                              |
| 93.395      | I                | 3,880                | Cancer Treatment Research               | 1568 G XA024   | University of California at Los Angeles  |                              |
| 93.395      | I                | 38,555               | Cancer Treatment Research               | 21-0698  | Athna Biotech, Inc                       |                              |



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|-------------|------------------|----------------------|-------------------------------|--|---|------------------------------|
| 93.395      | I                | (26)                 | Cancer Treatment Research     | 310635/PO#509648   | Albert Einstein College of Medicine Inc   |                              |
| 93.395      | I                | 3,800                | Cancer Treatment Research     | 4021401  | Dana Farber Cancer Institute              |                              |
| 93.395      | I                | 162,626              | Cancer Treatment Research     | 60062265UNC  | Northwestern University                   |                              |
| 93.395      | I                | 35,721               | Cancer Treatment Research     | 60075824 / PO RF01615428   | Ohio State University                     |                              |
| 93.395      | I                | 8,103                | Cancer Treatment Research     | 60075824 GR123817SPC10000  | Ohio State University                     |                              |
| 93.395      | I                | (247)                | Cancer Treatment Research     | 961668-RSUB  | Childrens Hospital of Philadelphia        |                              |
| 93.395      | I                | 50,775               | Cancer Treatment Research     | A031027  | Duke University                           |                              |
| 93.395      | I                | (669)                | Cancer Treatment Research     | A035177  | Duke University                           |                              |
| 93.395      | I                | 22,870               | Cancer Treatment Research     | AWD-002151-G1  | Georgia Institute of Technology           |                              |
| 93.395      | I                | (1,035)              | Cancer Treatment Research     | CRA/SCR/2017/18  | International Agency Research on Cancer   |                              |
| 93.395      | I                | 34,001               | Cancer Treatment Research     | F212147-2 / PO SR00005663  | University of Maryland at Baltimore (UMB) |                              |
| 93.395      | I                | 14,799               | Cancer Treatment Research     | FP00026529_SUB149_01   | Childrens Hospital of Philadelphia        |                              |
| 93.395      | I                | 42,117               | Cancer Treatment Research     | NIH COG Chair Grant Per Case Reimbursement (U10CA180886)   | Public Health Institute                   |                              |
| 93.395      | I                | 84,979               | Cancer Treatment Research     | NIH COG Chair Grant Workload Intensity (U10CA180886)   | Public Health Institute                   |                              |
| 93.395      | I                | 13,986               | Cancer Treatment Research     | NRG Oncology Prime eIPF  | NRG Oncology                              |                              |
| 93.395      | I                | (5,537)              | Cancer Treatment Research     | OSU ETCTN supplement to add UNC  | Ohio State University                     |                              |
| 93.395      | I                | 20,657               | Cancer Treatment Research     | PA-20-260  | Sonovoll, LLC                             |                              |
| 93.395      | I                | 23,484               | Cancer Treatment Research     | STTR_Phase I: Advanced pre-clinical development of CF10 to improve treatment of metastatic colorectal cancer | Deep Creek Pharma, LLC                    |                              |
| 93.395      | I                | 42,774               | Cancer Treatment Research     | SUB00000039/ UR FAO GR530  | University of Rochester                   |                              |
| 93.395      | I                | 10,702               | Cancer Treatment Research     | SUBK00014074 3007247750  | University of Michigan (UMICH)            |                              |
| 93.395      | I                | 1,168                | Cancer Treatment Research     | Single Agent ONC201 in Recurrent or Metastatic Endometrial Cancer  | Oncocotics, Inc.                          |                              |
| 93.395      | I                | 930                  | Cancer Treatment Research     | UNC039TW-00  | Frontier Science and Technology Research  |                              |
| 93.395      | I                | 106,329              | Cancer Treatment Research     | UWSC12058 BPO49755   | University of Washington                  |                              |
| 93.396      | D                | 9,819,927            | Cancer Biology Research       |  |   |                              |
| 93.396      | I                | 13,103               | Cancer Biology Research       | 000531784-SC002  | University of Alabama at Birmingham       |                              |
| 93.396      | I                | 417,407              | Cancer Biology Research       | 11000823-020   | Purdue University                         |                              |
| 93.396      | I                | 33,477               | Cancer Biology Research       | 127349   | Brigham and Women's Hospital              |                              |
| 93.396      | I                | 29,242               | Cancer Biology Research       | 1554 G XB980   | University of California at Los Angeles   |                              |
| 93.396      | I                | 139,698              | Cancer Biology Research       | 20-2643  | Triangle Biotechnology, Inc.              |                              |
| 93.396      | I                | 149,965              | Cancer Biology Research       | 3001744503   | University of Texas MD Anderson Cancer C  |                              |
| 93.396      | I                | 28,757               | Cancer Biology Research       | 64-45107-11000000305   | Wake Forest University Health Sciences    |                              |
| 93.396      | I                | 139,996              | Cancer Biology Research       | 64-45107-11000001240   | Wake Forest University Health Sciences    |                              |
| 93.396      | I                | (10,763)             | Cancer Biology Research       | 66183959   | University of Southern California (USC)   |                              |
| 93.396      | I                | 20,365               | Cancer Biology Research       | CON-80004061 (GR1181   | Yale University                           |                              |
| 93.396      | I                | 276,039              | Cancer Biology Research       | GMO210601 PO 0000002343  | University of Texas Southwestern Medical  |                              |
| 93.396      | I                | 33,392               | Cancer Biology Research       | GR 109212 (CON-80002335)   | Yale University                           |                              |
| 93.396      | I                | 40,982               | Cancer Biology Research       | PO 000001958B GMO 200301   | University of Texas Southwestern Medical  |                              |
| 93.396      | I                | 39,650               | Cancer Biology Research       | UNCB45271  | Henry Ford Health System                  |                              |
| 93.396      | I                | 6,032                | Cancer Biology Research       | UNCCCHA271069  | Pennsylvania State University             |                              |
| 93.396      | I                | 3,574                | Cancer Biology Research       | UNCCCHA274265  | Pennsylvania State University             |                              |
| 93.396      | I                | 263,233              | Cancer Biology Research       | UWSC12063/PO BPO49842  | University of Washington                  |                              |
| 93.396      | I                | 35,927               | Cancer Biology Research       | VUMC65676  | Vanderbilt University Medical Center      |                              |
| 93.397      | D                | 13,273,916           | Cancer Centers Support Grants |  |   |                              |
| 93.397      | I                | (931)                | Cancer Centers Support Grants | 1230601  | Dana Farber Cancer Institute              |                              |
| 93.397      | I                | (832)                | Cancer Centers Support Grants | 1231001  | Dana Farber Cancer Institute              |                              |
| 93.397      | I                | (885)                | Cancer Centers Support Grants | 1231002  | Dana Farber Cancer Institute              |                              |
| 93.397      | I                | 427                  | Cancer Centers Support Grants | 3001701567   | University of Texas MD Anderson Cancer C  |                              |
| 93.397      | I                | 5,922                | Cancer Centers Support Grants | 3001704190   | University of Texas MD Anderson Cancer C  |                              |
| 93.397      | I                | 5,922                | Cancer Centers Support Grants | 3001704196   | University of Texas MD Anderson Cancer C  |                              |
| 93.397      | I                | 12,676               | Cancer Centers Support Grants | 3001868288   | University of Texas MD Anderson Cancer C  |                              |
| 93.397      | I                | 24,736               | Cancer Centers Support Grants | 3002126367   | University of Texas MD Anderson Cancer C  |                              |
| 93.397      | I                | 23,401               | Cancer Centers Support Grants | 303000955  | Duke University                           |                              |
| 93.397      | I                | 134,072              | Cancer Centers Support Grants | 7000001296 CA254569-01   | Baylor University College of Medicine     |                              |
| 93.397      | I                | 15,499               | Cancer Centers Support Grants | A035074  | Duke University                           |                              |
| 93.397      | I                | 5,287                | Cancer Centers Support Grants | CON-80003602(GR115886)   | Yale University                           |                              |
| 93.397      | I                | 156,319              | Cancer Centers Support Grants | CON-80003835 (GR116824)  | Yale University                           |                              |
| 93.397      | I                | 72,463               | Cancer Centers Support Grants | CON-80004269(GR11969   | Yale University                           |                              |
| 93.397      | I                | 8,991                | Cancer Centers Support Grants | PO 7000001296  | Baylor University College of Medicine     |                              |
| 93.397      | I                | 10,809               | Cancer Centers Support Grants | VUMC77349  | Vanderbilt University Medical Center      |                              |
| 93.398      | D                | 4,325,161            | Cancer Research Manpower      |  |   |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                         | Additional Award Information |
|-------------|------------------|----------------------|--|---|--|------------------------------|
| 93.398      | I                | 30,170               | Cancer Research Manpower   | SP14257-SB09  | University of Mississippi Medical Center         |                              |
| 93.398      | I                | 157,576              | Cancer Research Manpower   | SP14542-SB09  | University of Mississippi Medical Center         |                              |
| 93.399      | D                | 477,749              | Cancer Control   |   |  |                              |
| 93.399      | I                | 92,507               | Cancer Control   | 202010116   | Alliance NCTN Foundation                         |                              |
| 93.399      | I                | 1                    | Cancer Control   | 202010119   | Alliance NCTN Foundation (ANF)                   |                              |
| 93.399      | I                | 49,777               | Cancer Control   | 222376-2  | Cornell University Weill Medical College         |                              |
| 93.399      | I                | 62,929               | Cancer Control   | 2UG1CA189828-06-UNC1  | ECOG-ACRIN Medical Research Foundation           |                              |
| 93.399      | I                | 1,540                | Cancer Control   | 60058459 UNC  | Northwestern University                          |                              |
| 93.399      | I                | 5,577                | Cancer Control   | Calcium in the Prevention of Neoplastic Polyps                      | Dartmouth College                                |                              |
| 93.399      | I                | 642                  | Cancer Control   | FP00028127_SUB54_01   | Childrens Hospital of Philadelphia               |                              |
| 93.421      | I                | 911                  | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 1452021 232-1403-3  | National Association of Chronic Disease          |                              |
| 93.421      | I                | 1                    | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2021-051902   | National Association of County and City          |                              |
| 93.421      | I                | 4,973                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2022-032502   | National Association of County and City          |                              |
| 93.421      | I                | 9,082                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2022-121502   | National Association of County and City          |                              |
| 93.421      | I                | 6,404                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2023-0005   | American Public Health Association (APHA)        |                              |
| 93.421      | I                | (341)                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 21-1564   | Supporting Families Together Association         |                              |
| 93.421      | I                | 2,957                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 21-5104   | Southeast Louisiana Area Health Education        |                              |
| 93.421      | I                | (38)                 | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 2152021   | National Association of Chronic Disease          |                              |
| 93.421      | I                | 11,116               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-0104   | Child Care Aware of Kansas                       |                              |
| 93.421      | I                | 17,075               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-5091   | Southeast Louisiana Area Health Education        |                              |
| 93.421      | I                | 17,656               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 22-5389   | Child Care Aware of Kansas                       |                              |
| 93.421      | I                | 102,206              | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 220223  | National Association of Chronic Disease          |                              |
| 93.421      | I                | 14,289               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 230261 232-1403-5   | National Association of Chronic Disease          |                              |
| 93.421      | I                | 78,091               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 27-8814-22  | Association of University Centers on             |                              |
| 93.421      | I                | 1,873                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 3848  | Task Force for Global Health                     |                              |
| 93.421      | I                | 64,619               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | 5132  | Task Force for Global Health                     |                              |
| 93.421      | I                | 333                  | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | AWD00000288SUB00000136  | University of Vermont                            |                              |
| 93.421      | I                | 63,350               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | AWD00000738SUB00000311  | University of Vermont                            |                              |
| 93.421      | I                | 5,566                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Act Early Ambassador  | Association of University Centers on             |                              |
| 93.421      | I                | 1,234                | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Arthritis 1802 Project Year 4                                       | Society of Public Health Education (SOP)         |                              |
| 93.421      | I                | (4)                  | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PO 7468   | Council of State and Territorial Epidemiologists |                              |
| 93.421      | I                | 14,304               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | PO 7479   | Council of State and Territorial Epidemiologists |                              |
| 93.421      | I                | 128,691              | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health        | Using Data Linkage to Assess Suicide Risk in Vulnerable Populations | American Public Health Association (APHA)        |                              |
| 93.424      | I                | (2,458)              | NON-ACA/PPHF—Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations | G804  | National Network of Public Health Institute      |                              |
| 93.424      | I                | 6,673                | NON-ACA/PPHF—Building Capacity of the Public Health System to Improve Population Health through National Nonprofit Organizations | National Preconception Health and Health Care (PCHHC)               | American Congress of Obstetricians and Gyn       |                              |
| 93.433      | D                | 478,773              | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  |   |  |                              |
| 93.433      | I                | 10,586               | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | 32429-06043-S10   | Syracuse University                              |                              |
| 93.433      | I                | 5,116                | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | SPC-1000005619/ GR125034  | Ohio State University                            |                              |
| 93.433      | I                | 23,801               | ACL National Institute on Disability, Independent Living, and Rehabilitation Research  | SPC-1000007096/ GR129504  | Ohio State University                            |                              |
| 93.434      | I                | (217)                | Every Student Succeeds Act/Preschool Development Grants  | 21-1545   | Michigan Department of Education                 |                              |
| 93.434      | I                | 9,908                | Every Student Succeeds Act/Preschool Development Grants  | 22-1541   | Michigan Department of Education                 |                              |
| 93.434      | I                | 12,259               | Every Student Succeeds Act/Preschool Development Grants  | 23-0871   | Michigan Department of Education                 |                              |

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|-------------|------------------|----------------------|--|---|---|------------------------------|
| 93.434      | I                | 85,212               | Every Student Succeeds Act/Preschool Development Grants  | 96-4710-0906-501  | University of Nebraska at Lincoln               |                              |
| 93.439      | I                | 17,414               | State Physical Activity and Nutrition (SPAN)   | 20-6071   | University of Kentucky Research Foundation      |                              |
| 93.439      | I                | 21,642               | State Physical Activity and Nutrition (SPAN)   | 2019-0182   | Connecticut Department of Public Health         |                              |
| 93.439      | I                | 11,120               | State Physical Activity and Nutrition (SPAN)   | 22-0335   | Illinois Public Health Institute (IPHI)         |                              |
| 93.439      | I                | 16,993               | State Physical Activity and Nutrition (SPAN)   | 23-0306   | Illinois Public Health Institute (IPHI)         |                              |
| 93.439      | I                | 13,230               | State Physical Activity and Nutrition (SPAN)   | PO 7500343206   | University of Kentucky Research Foundation      |                              |
| 93.512      | I                | 2,603                | Affordable Care Act (ACA) Personal and Home Care Aide State Training Program (PHCAST)  | NC Personal Home Care Aide State Training (PHCAST) Grant Evaluation | Foundation for Health Leadership &              |                              |
| 93.524      | I                | (4,418)              | Building Capacity of the Public Health System to Improve Population Health through National, Non-Profit Organizations- financed in part by Prevention and Public Health Funds (PPHF) | G921  | National Network of Public Health Institute     |                              |
| 93.530      | D                | 1,222,165            | Teaching Health Center Graduate Medical Education Payment  |   |   |                              |
| 93.575      | D                | 978                  | Child Care and Development Block Grant   |   |   |                              |
| 93.575      | I                | 10,013               | Child Care and Development Block Grant   | 2023-53   | University of Oklahoma                          |                              |
| 93.575      | I                | 10,021               | Child Care and Development Block Grant   | 22-0613   | Alabama Partnership for Children                |                              |
| 93.575      | I                | 17,630               | Child Care and Development Block Grant   | 22-1975   | Supporting Families Together Association        |                              |
| 93.575      | I                | 7,925                | Child Care and Development Block Grant   | 22-5479   | University of Maine                             |                              |
| 93.575      | I                | 10,153               | Child Care and Development Block Grant   | 22.1279   | University of Maine                             |                              |
| 93.575      | I                | 9,329                | Child Care and Development Block Grant   | 23-0675   | Alabama Partnership for Children                |                              |
| 93.575      | I                | 2,472                | Child Care and Development Block Grant   | 23-2391   | Shine Early Learning                            |                              |
| 93.575      | I                | 6,846                | Child Care and Development Block Grant   | 23-2459   | University of Southern Maine                    |                              |
| 93.575      | I                | 44,575               | Child Care and Development Block Grant   | 353-000212  | Duke University                                 |                              |
| 93.600      | D                | 4,398                | Head Start   |   |   |                              |
| 93.600      | I                | 100,612              | Head Start   | 2022-0033 FILE 12555  | Education Development Center, Inc.              |                              |
| 93.600      | I                | (5,816)              | Head Start   | 719100-NTI  | American Academy of Pediatrics (AAP)            |                              |
| 93.600      | I                | 148,780              | Head Start   | 90HC000021-01-00  | Start Early                                     |                              |
| 93.600      | I                | 51,385               | Head Start   | UNC YEAR 2  | Start Early                                     |                              |
| 93.601      | D                | (5,950)              | Child Support Enforcement Demonstrations and Special Projects  |   |   |                              |
| 93.631      | D                | 221,227              | Developmental Disabilities Projects of National Significance   |   |   |                              |
| 93.632      | D                | 641,684              | University Centers for Excellence in Developmental Disabilities Education, Research, and Service   |   |   |                              |
| 93.658      | D                | 11,131               | Foster Care Title IV-E   |   |   |                              |
| 93.658      | I                | 198,266              | Foster Care Title IV-E   | 1005709012  | Illinois Department of Children and Family      |                              |
| 93.658      | I                | 393,502              | Foster Care Title IV-E   | 1005709013  | Illinois Department of Children and Family      |                              |
| 93.667      | I                | 50,175               | Social Services Block Grant  | 20220447  | Cabarrus County Department of Human Service     |                              |
| 93.667      | I                | 1,981                | Social Services Block Grant  | Aspire Project  | Cabarrus County Department of Human Service     |                              |
| 93.701      | I                | 759                  | Trans-NIH Recovery Act Research Support  | 24-6231-0186-002  | University of Nebraska                          |                              |
| 93.732      | D                | 1,111,761            | Mental and Behavioral Health Education and Training Grants   |   |   |                              |
| 93.778      | I                | 2,374                | Medical Assistance Program   | 2-312-0215922-66851L  | Research Triangle Institute (RTI International) |                              |
| 93.837      | D                | 33,667,163           | Cardiovascular Diseases Research   |   |   |                              |
| 93.837      | I                | (3,864)              | Cardiovascular Diseases Research   | 0001064563  | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 82,600               | Cardiovascular Diseases Research   | 0001110216  | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 9,751                | Cardiovascular Diseases Research   | 0001129351  | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 289,105              | Cardiovascular Diseases Research   | 0001129903  | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | 9,396                | Cardiovascular Diseases Research   | 0001130620  | Fred Hutchinson Cancer Center                   |                              |
| 93.837      | I                | (594)                | Cardiovascular Diseases Research   | 0005  | Gramercy Research Group                         |                              |
| 93.837      | I                | 5,711                | Cardiovascular Diseases Research   | 000503570-008   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | (2,867)              | Cardiovascular Diseases Research   | 000511972-001   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 12,556               | Cardiovascular Diseases Research   | 000511972-SC001   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 98,940               | Cardiovascular Diseases Research   | 000530812-SC006   | University of Alabama at Birmingham             |                              |
| 93.837      | I                | 28,011               | Cardiovascular Diseases Research   | 01063528  | Beth Israel Deaconess Medical Center            |                              |
| 93.837      | I                | 9,328                | Cardiovascular Diseases Research   | 01063617  | Beth Israel Deaconess Medical Center            |                              |
| 93.837      | I                | 49,814               | Cardiovascular Diseases Research   | 1-312-0218666-66942L  | Research Triangle Institute (RTI International) |                              |
| 93.837      | I                | (5,196)              | Cardiovascular Diseases Research   | 11530-FA87/14-2688  | University of South Carolina (USC)              |                              |
| 93.837      | I                | 3,028                | Cardiovascular Diseases Research   | 123632  | Brigham and Women's Hospital                    |                              |
| 93.837      | I                | (2,002)              | Cardiovascular Diseases Research   | 153742  | Duke University                                 |                              |
| 93.837      | I                | 513,779              | Cardiovascular Diseases Research   | 1558719/PO 1001308485   | University of Colorado at Boulder               |                              |
| 93.837      | I                | 18,126               | Cardiovascular Diseases Research   | 168055/168054   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 50,087               | Cardiovascular Diseases Research   | 172402/172293   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 1,629                | Cardiovascular Diseases Research   | 172752/172741   | University of Texas Health Science Center       |                              |
| 93.837      | I                | 117,730              | Cardiovascular Diseases Research   | 18742   | University of Illinois at Chicago (UIC)         |                              |
| 93.837      | I                | (7,246)              | Cardiovascular Diseases Research   | 2002882979  | Johns Hopkins University                        |                              |
| 93.837      | I                | 15,627               | Cardiovascular Diseases Research   | 2004339390  | Johns Hopkins University                        |                              |
| 93.837      | I                | 1,157,008            | Cardiovascular Diseases Research   | 2004517091  | Johns Hopkins University                        |                              |

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|-------------|------------------|----------------------|----------------------------------|---|---|------------------------------|
| 93.837      | I                | 13,871               | Cardiovascular Diseases Research | 2005549187  | Johns Hopkins University                        |                              |
| 93.837      | I                | 92,847               | Cardiovascular Diseases Research | 225708  | Massachusetts General Hospital                  |                              |
| 93.837      | I                | 26,703               | Cardiovascular Diseases Research | 3001558456  | University of Texas MD Anderson Cancer C        |                              |
| 93.837      | I                | 60,681               | Cardiovascular Diseases Research | 303-000373  | Duke University                                 |                              |
| 93.837      | I                | 12,148               | Cardiovascular Diseases Research | 303000374   | Duke University                                 |                              |
| 93.837      | I                | 12,624               | Cardiovascular Diseases Research | 303000651   | Duke University                                 |                              |
| 93.837      | I                | 9,161                | Cardiovascular Diseases Research | 303001380   | Duke University                                 |                              |
| 93.837      | I                | 87,529               | Cardiovascular Diseases Research | 31148A PO 923427  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 70,014               | Cardiovascular Diseases Research | 311554PO# 924277  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 30,152               | Cardiovascular Diseases Research | 312202 PO 913362  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 33,406               | Cardiovascular Diseases Research | 4500004433  | Boston University Board of Trustees             |                              |
| 93.837      | I                | 43,594               | Cardiovascular Diseases Research | 5-312-0217030-65769L  | Research Triangle Institute (RTI International) |                              |
| 93.837      | I                | (2,226)              | Cardiovascular Diseases Research | 5001191-ROSAMOND  | Brown University                                |                              |
| 93.837      | I                | 4,546                | Cardiovascular Diseases Research | 5001731-10-UNC  | Kent Hospital                                   |                              |
| 93.837      | I                | (1,270)              | Cardiovascular Diseases Research | 51500   | Vanderbilt University                           |                              |
| 93.837      | I                | 797                  | Cardiovascular Diseases Research | 60028980  | Ohio State University                           |                              |
| 93.837      | I                | 7,570                | Cardiovascular Diseases Research | 60057133 UNC  | Northwestern University                         |                              |
| 93.837      | I                | 98,067               | Cardiovascular Diseases Research | 601164  | Children's Mercy Hospital                       |                              |
| 93.837      | I                | 120,279              | Cardiovascular Diseases Research | 6793-01-RC002   | Westat, Inc.                                    |                              |
| 93.837      | I                | 901,317              | Cardiovascular Diseases Research | 6922-02-RC002   | Westat, Inc.                                    |                              |
| 93.837      | I                | 9,408                | Cardiovascular Diseases Research | A239219   | Emory University (EU)                           |                              |
| 93.837      | I                | 14,169               | Cardiovascular Diseases Research | AWD-004057.GR101254   | University of Virginia                          |                              |
| 93.837      | I                | 176,004              | Cardiovascular Diseases Research | AWD-004081.GR101251   | University of Virginia                          |                              |
| 93.837      | I                | 75,034               | Cardiovascular Diseases Research | AWD00005898 (137941-1)  | University of Pittsburgh                        |                              |
| 93.837      | I                | 11,945               | Cardiovascular Diseases Research | COVID Study Protocol  | New England Research Institutes                 |                              |
| 93.837      | I                | 13,024               | Cardiovascular Diseases Research | GR114209 (CON-80003203)   | Yale University                                 |                              |
| 93.837      | I                | 6,162                | Cardiovascular Diseases Research | Higgins UNC 2021  | Elon University                                 |                              |
| 93.837      | I                | 116,411              | Cardiovascular Diseases Research | KIZ2200-07  | Northern California Institute for Research      |                              |
| 93.837      | I                | 38,839               | Cardiovascular Diseases Research | KR 705078   | University of California at San Diego           |                              |
| 93.837      | I                | 5,365                | Cardiovascular Diseases Research | N006522501  | University of Minnesota Board of Regents        |                              |
| 93.837      | I                | 124,324              | Cardiovascular Diseases Research | OS00000266 SPC-002242   | University of Miami                             |                              |
| 93.837      | I                | 278                  | Cardiovascular Diseases Research | OSPRSD-817  | Inova Healthcare Services                       |                              |
| 93.837      | I                | 20,519               | Cardiovascular Diseases Research | P008505101  | University of Minnesota Board of Regents        |                              |
| 93.837      | I                | 10,644               | Cardiovascular Diseases Research | PO 871082 31148A  | Albert Einstein College of Medicine Inc         |                              |
| 93.837      | I                | 1,577                | Cardiovascular Diseases Research | Randomized, Multicenter, Controlled Trial to Compare Best Endovascular versus Best Surgical Therapy in Patients with Critical Limb Ischemia | HealthCore, Inc.                                |                              |
| 93.837      | I                | 4,544                | Cardiovascular Diseases Research | S00200-01   | University of Iowa                              |                              |
| 93.837      | I                | 81,954               | Cardiovascular Diseases Research | SA0000118   | University of Texas at Houston Health           |                              |
| 93.837      | I                | 102,666              | Cardiovascular Diseases Research | STTR: Photodynamic Therapy to Prevent Arteriovenous Fistula Maturation Failure  | Adgero Biopharmaceuticals Holdings Inc.         |                              |
| 93.837      | I                | 802                  | Cardiovascular Diseases Research | SUBK0001666   | University of Michigan (UMICH)                  |                              |
| 93.837      | I                | 125,691              | Cardiovascular Diseases Research | UTAUS-SUB00000592   | University of Texas at Austin                   |                              |
| 93.837      | I                | (1,342)              | Cardiovascular Diseases Research | WFUHS 115767  | Wake Forest University Health Sciences          |                              |
| 93.837      | I                | 67,494               | Cardiovascular Diseases Research | WU-23-0011/ ST00009601  | Washington University in Saint Louis            |                              |
| 93.837      | I                | 59,305               | Cardiovascular Diseases Research | WU-23-0012/ ST00009602  | Washington University in Saint Louis            |                              |
| 93.837      | I                | 10,731               | Cardiovascular Diseases Research | WU-23-0610 ST00015275   | Washington University in Saint Louis            |                              |
| 93.837      | I                | 8,155                | Cardiovascular Diseases Research | WU-23-0611 ST00015276   | Washington University in Saint Louis            |                              |
| 93.838      | D                | 22,712,451           | Lung Diseases Research           |   |   |                              |
| 93.838      | I                | 1,665                | Lung Diseases Research           | 10-07742-8060-46  | Physical Sciences, Inc.                         |                              |
| 93.838      | I                | 686,145              | Lung Diseases Research           | 10454SC   | University of California at San Francisco       |                              |
| 93.838      | I                | 133,833              | Lung Diseases Research           | 10820SC   | University of California at San Francisco       |                              |
| 93.838      | I                | 787                  | Lung Diseases Research           | 10842SUB  | Seattle Childrens Hospital Research Inst        |                              |
| 93.838      | I                | (3,044)              | Lung Diseases Research           | 108792850   | University of California at San Diego           |                              |
| 93.838      | I                | 111,095              | Lung Diseases Research           | 122937  | Brigham and Women's Hospital                    |                              |
| 93.838      | I                | 35,471               | Lung Diseases Research           | 125948  | Brigham and Women's Hospital                    |                              |
| 93.838      | I                | 2,847                | Lung Diseases Research           | 2(GG015835-02) G14711   | Columbia University                             |                              |
| 93.838      | I                | 45,654               | Lung Diseases Research           | 2(GG015835-03) G17002   | Columbia University                             |                              |
| 93.838      | I                | (795)                | Lung Diseases Research           | 203-9808  | Duke University                                 |                              |
| 93.838      | I                | 962                  | Lung Diseases Research           | 2035254   | Duke University                                 |                              |
| 93.838      | I                | 86,898               | Lung Diseases Research           | 22-4420   | George Washington University                    |                              |
| 93.838      | I                | 426,364              | Lung Diseases Research           | 222474-10   | Cornell University                              |                              |
| 93.838      | I                | 4,880                | Lung Diseases Research           | 226628-16   | Cornell University Weill Medical College        |                              |
| 93.838      | I                | 53,808               | Lung Diseases Research           | 228311-10   | Cornell University                              |                              |

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|-------------|------------------|----------------------|---------------------------------------|---|--|------------------------------|
| 93.838      | I                | 14,480               | Lung Diseases Research                | 228311-13   | Cornell University Weill Medical College   |                              |
| 93.838      | I                | 146,521              | Lung Diseases Research                | 241949  | Massachusetts General Hospital             |                              |
| 93.838      | I                | 102,434              | Lung Diseases Research                | 27(GG015997-01) G15283  | Columbia University                        |                              |
| 93.838      | I                | 42,297               | Lung Diseases Research                | 27(GG015997-03) G17700  | Columbia University                        |                              |
| 93.838      | I                | (250)                | Lung Diseases Research                | 2831743-240026  | Duke University                            |                              |
| 93.838      | I                | 117,910              | Lung Diseases Research                | 303001338   | Duke University                            |                              |
| 93.838      | I                | 17,224               | Lung Diseases Research                | 313-120000-550052   | Wake Forest University Health Sciences     |                              |
| 93.838      | I                | (2,591)              | Lung Diseases Research                | 31438SUB00000253  | University of Vermont                      |                              |
| 93.838      | I                | 6,961                | Lung Diseases Research                | 31438SUB00000285/PO   | University of Vermont                      |                              |
| 93.838      | I                | 21,436               | Lung Diseases Research                | 4500002806  | Boston University Board of Trustees        |                              |
| 93.838      | I                | 78,136               | Lung Diseases Research                | 463942  | University of Arizona                      |                              |
| 93.838      | I                | 15,916               | Lung Diseases Research                | 464151  | University of Arizona                      |                              |
| 93.838      | I                | 16,873               | Lung Diseases Research                | 5(GG016816-02) G162   | Columbia University                        |                              |
| 93.838      | I                | 2,132                | Lung Diseases Research                | 579917/PO#4567327   | Trustees of the Univ. of Pennsylvania      |                              |
| 93.838      | I                | 56,993               | Lung Diseases Research                | 6(GG016801-01) SAPO 17448   | Columbia University                        |                              |
| 93.838      | I                | 34,014               | Lung Diseases Research                | 7137305   | Rhode Island Hospital                      |                              |
| 93.838      | I                | 178,363              | Lung Diseases Research                | A03-5365  | Duke University                            |                              |
| 93.838      | I                | (7,761)              | Lung Diseases Research                | A033918 (SPS-25871)   | Duke University                            |                              |
| 93.838      | I                | 16,311               | Lung Diseases Research                | A035364 (SPS-269060)  | Duke University                            |                              |
| 93.838      | I                | 286,228              | Lung Diseases Research                | AWD00002557 (134922-1)  | University of Pittsburgh                   |                              |
| 93.838      | I                | 61,554               | Lung Diseases Research                | AWD00004140 (136230-2)  | University of Pittsburgh                   |                              |
| 93.838      | I                | 14,888               | Lung Diseases Research                | CON-80003637(GR116171)  | Yale University                            |                              |
| 93.838      | I                | 13,355               | Lung Diseases Research                | CON-80004425 (GR120265)   | Yale University                            |                              |
| 93.838      | I                | 1,182,142            | Lung Diseases Research                | FY22.1126.032   | University of Colorado Denver              |                              |
| 93.838      | I                | (3,083)              | Lung Diseases Research                | GR111727(CON-8000282  | Yale University                            |                              |
| 93.838      | I                | (3,006)              | Lung Diseases Research                | IN-4686685-UNC  | Indiana University System                  |                              |
| 93.838      | I                | 5,921                | Lung Diseases Research                | PO 202982 32723SUB0   | University of Vermont                      |                              |
| 93.838      | I                | 17,593               | Lung Diseases Research                | PO U000367642   | University of Utah                         |                              |
| 93.838      | I                | 2,960                | Lung Diseases Research                | S-ALP2122-CF27  | George Washington University               |                              |
| 93.838      | I                | 67,354               | Lung Diseases Research                | SBIR-A redox-active PARP inhibitor for lung transplantation                 | Radikal Therapeutics, Inc.                 |                              |
| 93.838      | I                | (990)                | Lung Diseases Research                | SBIR-Hybrid Katp channel opener and redox catalyst for lung transplantation | Radikal Therapeutics, Inc.                 |                              |
| 93.838      | I                | 112,792              | Lung Diseases Research                | TUL-HSC-558039-20/21  | Tulane University                          |                              |
| 93.838      | I                | 134,254              | Lung Diseases Research                | Understanding the Origins of Early COPD                                     | Cornell University Weill Medical College   |                              |
| 93.839      | D                | 8,469,502            | Blood Diseases and Resources Research |   |  |                              |
| 93.839      | I                | (1,639)              | Blood Diseases and Resources Research | 0001110307  | Fred Hutchinson Cancer Center              |                              |
| 93.839      | I                | 107,989              | Blood Diseases and Resources Research | 0001132982  | Fred Hutchinson Cancer Center              |                              |
| 93.839      | I                | (892)                | Blood Diseases and Resources Research | 01026762  | Beth Israel Deaconess Medical Center       |                              |
| 93.839      | I                | (825)                | Blood Diseases and Resources Research | 07327-3   | Minneapolis Medical Research Foundation    |                              |
| 93.839      | I                | 2,041                | Blood Diseases and Resources Research | 1   | Medical College of Wisconsin               |                              |
| 93.839      | I                | 105,122              | Blood Diseases and Resources Research | 12267SUB  | Seattle Childrens Hospital Research Inst   |                              |
| 93.839      | I                | 64,648               | Blood Diseases and Resources Research | 12802SUB  | Seattle Childrens Hospital Research Inst   |                              |
| 93.839      | I                | 16,930               | Blood Diseases and Resources Research | 1373-SUB  | Cleveland Clinic Foundation                |                              |
| 93.839      | I                | 162,304              | Blood Diseases and Resources Research | 1450-SUB  | Cleveland Clinic Foundation                |                              |
| 93.839      | I                | 272                  | Blood Diseases and Resources Research | 1482  | Rutgers the State University of New Jersey |                              |
| 93.839      | I                | 67,514               | Blood Diseases and Resources Research | 1515100 YEAR 03   | Fox Chase Cancer Center (Inst for Cancer)  |                              |
| 93.839      | I                | 89,033               | Blood Diseases and Resources Research | 2004875918  | Johns Hopkins University                   |                              |
| 93.839      | I                | 29,687               | Blood Diseases and Resources Research | 20794   | University of Maryland at Baltimore (UMB)  |                              |
| 93.839      | I                | 13,496               | Blood Diseases and Resources Research | 23-1562-UNC-CHAPEL  | University of Tennessee Health Science C   |                              |
| 93.839      | I                | 42,484               | Blood Diseases and Resources Research | 248041  | Duke University                            |                              |
| 93.839      | I                | (150)                | Blood Diseases and Resources Research | 2831742-240027  | Duke University                            |                              |
| 93.839      | I                | 47,117               | Blood Diseases and Resources Research | 401767-5804   | Colorado School of Mines                   |                              |
| 93.839      | I                | 163,299              | Blood Diseases and Resources Research | 579830  | Trustees of the Univ. of Pennsylvania      |                              |
| 93.839      | I                | 73,652               | Blood Diseases and Resources Research | 6(GG014702-01)  | Columbia University                        |                              |
| 93.839      | I                | 16,620               | Blood Diseases and Resources Research | 700277-0223-00  | Research Institute at Nationwide Children  |                              |
| 93.839      | I                | 348,484              | Blood Diseases and Resources Research | 703999  | University of California at San Diego      |                              |
| 93.839      | I                | 5,762                | Blood Diseases and Resources Research | 8067  | Trustees of Indiana University             |                              |
| 93.839      | I                | 8                    | Blood Diseases and Resources Research | AWD00000392 (134345-14)   | University of Pittsburgh Medical Center    |                              |
| 93.839      | I                | 5,818                | Blood Diseases and Resources Research | AWD00000392 (137957-  | University of Pittsburgh Medical Center    |                              |
| 93.839      | I                | 544                  | Blood Diseases and Resources Research | AWD00000392 (137958-1   | University of Pittsburgh Medical Center    |                              |
| 93.839      | I                | (68,339)             | Blood Diseases and Resources Research | Bioprocess of synthetic heparin   | Rensselaer Polytechnic Institute (RPI)     |                              |
| 93.839      | I                | 196,194              | Blood Diseases and Resources Research | C21950089   | Memorial Sloan-Kettering Cancer Center     |                              |
| 93.839      | I                | 217,091              | Blood Diseases and Resources Research | GRT-00001472 PO 20298438  | Childrens Hospital of Philadelphia         |                              |

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|-------------|------------------|----------------------|--|---|---|------------------------------|
| 93.839      | I                | 925                  | Blood Diseases and Resources Research  | Gene therapy for Hemophilia   | Childrens Hospital of Philadelphia        |                              |
| 93.839      | I                | (309)                | Blood Diseases and Resources Research  | RES514803   | Case Western Reserve University           |                              |
| 93.839      | I                | 148,245              | Blood Diseases and Resources Research  | RES516040   | Case Western Reserve University           |                              |
| 93.839      | I                | 80,094               | Blood Diseases and Resources Research  | SA0000419   | University of Texas at Houston Health     |                              |
| 93.839      | I                | 22,136               | Blood Diseases and Resources Research  | SA0000667   | University of Texas at Houston Health     |                              |
| 93.839      | I                | 937                  | Blood Diseases and Resources Research  | SPC-100005814/GR123988  | Ohio State University                     |                              |
| 93.839      | I                | 19,801               | Blood Diseases and Resources Research  | SPC-1000011268/GR128908   | Ohio State University                     |                              |
| 93.839      | I                | (262)                | Blood Diseases and Resources Research  | STTR: Develop humanized AAV vectors for liver targeting and neutralizing antibody evasion | Bedrock Therapeutics                      |                              |
| 93.839      | I                | 90,432               | Blood Diseases and Resources Research  | UWSC11723 PO 46592  | University of Washington                  |                              |
| 93.839      | I                | 192,754              | Blood Diseases and Resources Research  | UWSC13272 (BPO 60796)   | University of Washington                  |                              |
| 93.839      | I                | 3,209                | Blood Diseases and Resources Research  | WU-18-/PO#ST00000842  | Washington University in Saint Louis      |                              |
| 93.839      | I                | 3,185                | Blood Diseases and Resources Research  | WU-22-0189  | Washington University in Saint Louis      |                              |
| 93.839      | I                | 16,541               | Blood Diseases and Resources Research  | WU-23-0351 ST00011612   | Washington University in Saint Louis      |                              |
| 93.840      | D                | 1,441,998            | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders |   |   |                              |
| 93.840      | I                | 6,662                | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | M163P365F002-S02  | Centre for Infectious Disease Research    |                              |
| 93.840      | I                | 49,479               | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | M163P460F003-S02  | Centre for Infectious Disease Research    |                              |
| 93.840      | I                | 117,720              | Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders | VUMC92658   | Vanderbilt University Medical Center      |                              |
| 93.846      | D                | 16,740,943           | Arthritis, Musculoskeletal and Skin Diseases Research  |   |   |                              |
| 93.846      | I                | 27,742               | Arthritis, Musculoskeletal and Skin Diseases Research  | 104604 PO# EP0226061  | Tufts University                          |                              |
| 93.846      | I                | 1,130                | Arthritis, Musculoskeletal and Skin Diseases Research  | 16-004  | Wake Forest University                    |                              |
| 93.846      | I                | (260)                | Arthritis, Musculoskeletal and Skin Diseases Research  | 20-012  | Wake Forest University                    |                              |
| 93.846      | I                | 43,006               | Arthritis, Musculoskeletal and Skin Diseases Research  | 2005504179  | Johns Hopkins University                  |                              |
| 93.846      | I                | 18,380               | Arthritis, Musculoskeletal and Skin Diseases Research  | 240923  | Massachusetts General Hospital            |                              |
| 93.846      | I                | (678)                | Arthritis, Musculoskeletal and Skin Diseases Research  | 3021904   | Duke University                           |                              |
| 93.846      | I                | 223,506              | Arthritis, Musculoskeletal and Skin Diseases Research  | 412693-19467  | Virginia Tech                             |                              |
| 93.846      | I                | 85,963               | Arthritis, Musculoskeletal and Skin Diseases Research  | 643833  | Arizona Board of Regents                  |                              |
| 93.846      | I                | 93,992               | Arthritis, Musculoskeletal and Skin Diseases Research  | 683990  | Arizona Board of Regents                  |                              |
| 93.846      | I                | 6,552                | Arthritis, Musculoskeletal and Skin Diseases Research  | 901634-UNC  | Ann & Robert H Lurie Children's Hospital  |                              |
| 93.846      | I                | 18,579               | Arthritis, Musculoskeletal and Skin Diseases Research  | A03-2173  | Duke University                           |                              |
| 93.846      | I                | 135,585              | Arthritis, Musculoskeletal and Skin Diseases Research  | K002394-00-S01  | Kitware, Inc.                             |                              |
| 93.846      | I                | 12,245               | Arthritis, Musculoskeletal and Skin Diseases Research  | SUB00000502/ UR FAO   | University of Rochester                   |                              |
| 93.846      | I                | 139,784              | Arthritis, Musculoskeletal and Skin Diseases Research  | UDR0000302  | University of Delaware                    |                              |
| 93.847      | D                | 31,072,843           | Diabetes, Digestive, and Kidney Diseases Extramural Research   |   |   |                              |
| 93.847      | I                | (292)                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 0000589951  | Children's Hospital Boston                |                              |
| 93.847      | I                | 65,989               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 0125 G WC382  | University of California at Los Angeles   |                              |
| 93.847      | I                | 6,185                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 10066419-02-UNC   | University of Utah                        |                              |
| 93.847      | I                | (350)                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 101800-117430   | Wake Forest University Health Sciences    |                              |
| 93.847      | I                | 38,875               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 1020837_ UNC  | Oregon Health and Science University      |                              |
| 93.847      | I                | (994)                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 12-023-58090  | California Polytechnic State University   |                              |
| 93.847      | I                | 125,000              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 1440 G ZB003  | University of California at Los Angeles   |                              |
| 93.847      | I                | (907)                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 15-179296-07  | Connecticut Childrens Medical Center      |                              |
| 93.847      | I                | (4,126)              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 16-NIH-1017   | Duke University                           |                              |
| 93.847      | I                | 285,233              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 160009447/KFS#567316  | University of Connecticut                 |                              |
| 93.847      | I                | (5,471)              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 16121920-01/15071100  | Cornell University Medical Campus         |                              |
| 93.847      | I                | 18,350               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 2005076433  | Johns Hopkins University                  |                              |
| 93.847      | I                | 200,453              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 21-181065-01  | Connecticut Childrens Medical Center      |                              |
| 93.847      | I                | 75,258               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 22-0591   | Altis Biosystems, Inc. (formerly Altis B) |                              |
| 93.847      | I                | 84,896               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 22-2389   | Bedrock Therapeutics                      |                              |
| 93.847      | I                | 271,465              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 23-181084-30  | Connecticut Childrens Medical Center      |                              |
| 93.847      | I                | 50,521               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 2301 G XG379  | University of California at Los Angeles   |                              |
| 93.847      | I                | 30,031               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 238171  | Massachusetts General Hospital            |                              |
| 93.847      | I                | (450)                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 25034-65  | Georgia Regents University                |                              |
| 93.847      | I                | 10,776               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 297-32841-11000000854   | Wake Forest University Health Sciences    |                              |
| 93.847      | I                | 7                    | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 3003328374  | University of Michigan (UMICH)            |                              |
| 93.847      | I                | (3,408)              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 3021789   | Duke University                           |                              |
| 93.847      | I                | 33,576               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 303001547   | Duke University                           |                              |
| 93.847      | I                | 13,171               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 303001975   | Duke University                           |                              |
| 93.847      | I                | 5,202                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 319-45828-11000000714   | Wake Forest University Health Sciences    |                              |
| 93.847      | I                | 3,941                | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 3301820722/ PO# 20291998  | Childrens Hospital of Philadelphia        |                              |
| 93.847      | I                | 30,879               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 3301820723/ PO# 2040  | Childrens Hospital of Philadelphia        |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                   | Additional Award Information |
|-------------|------------------|----------------------|--|---|--|------------------------------|
| 93.847      | I                | 27,680               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 378777 5656810  | University of Connecticut                  |                              |
| 93.847      | I                | 8,330                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 4/PO#1002690  | Rutgers the State University of New Jersey |                              |
| 93.847      | I                | 144,824              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 428898  | University of Connecticut                  |                              |
| 93.847      | I                | 59,010               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 524-32352-10000117431   | Wake Forest University Health Sciences     |                              |
| 93.847      | I                | 45,813               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 54-45828-11000001640  | Wake Forest University Health Sciences     |                              |
| 93.847      | I                | 42,278               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 637-45102-10000550024   | Wake Forest University Health Sciences     |                              |
| 93.847      | I                | (18,973)             | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 700094-0821-00 46078  | Nationwide Children's Hospital             |                              |
| 93.847      | I                | 6,839                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 859-45828-11000000714   | Wake Forest University Health Sciences     |                              |
| 93.847      | I                | 21,336               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 900214  | Drexel University                          |                              |
| 93.847      | I                | 27,158               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | 933-45828-11000000719   | Wake Forest University Health Sciences     |                              |
| 93.847      | I                | 1,282                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | A Novel Diet-Phenotype Interaction Affecting Body Weight  | Children's Hospital Boston                 |                              |
| 93.847      | I                | 13,834               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | AWD00000761 (133084-1)  | University of Pittsburgh                   |                              |
| 93.847      | I                | 14,265               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | CON-80004041(GR118610)  | Yale University                            |                              |
| 93.847      | I                | 103,789              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | CY21-048-UNCCH  | Sanford Research                           |                              |
| 93.847      | I                | 12,416               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | DFMO therapy for polycystic kidney disease  | Resilio Therapeutics LLC                   |                              |
| 93.847      | I                | 227,384              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FAR0027327  | North Dakota State University              |                              |
| 93.847      | I                | 208                  | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FP00005212_SA001  | Virginia Commonwealth University (VCU)     |                              |
| 93.847      | I                | 326,855              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FP00007299_SA001  | Virginia Commonwealth University (VCU)     |                              |
| 93.847      | I                | 17                   | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FP068366-01 F (53026  | University of Chicago                      |                              |
| 93.847      | I                | 130,236              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FP068366-01F (530267  | University of Chicago                      |                              |
| 93.847      | I                | (1,916)              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FP068366-01F 5302678601-8   | University of Chicago                      |                              |
| 93.847      | I                | 139,528              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FY22.1035.015   | University of Colorado Denver              |                              |
| 93.847      | I                | 6,716                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | FY22.687.001  | University of Colorado Denver              |                              |
| 93.847      | I                | 34,926               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | GENFD0002231816   | Children's Hospital Boston                 |                              |
| 93.847      | I                | (11,019)             | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | IN468876UNC   | Indiana University System                  |                              |
| 93.847      | I                | 124,748              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | M2102712  | Texas A and M AgrLife                      |                              |
| 93.847      | I                | 1,980                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | PO#3005737317/SUBK00  | University of Michigan (UMICH)             |                              |
| 93.847      | I                | 44,106               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | R-20-0068   | University of Houston                      |                              |
| 93.847      | I                | 21,652               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | R43DK129107   | Eko Devices, Inc                           |                              |
| 93.847      | I                | 41,347               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | RC110120 UNC  | Michigan State University                  |                              |
| 93.847      | I                | (360)                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | RPS 2   | Pelvic Floors Disorders Research           |                              |
| 93.847      | I                | (1,583)              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD1516-MW31  | George Washington University               |                              |
| 93.847      | I                | 539                  | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD2122-LL31  | George Washington University               |                              |
| 93.847      | I                | 9,806                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | S-GRD2223-LL31  | George Washington University               |                              |
| 93.847      | I                | 22,298               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SA0000736/0013642C  | University of Texas at Houston Health      |                              |
| 93.847      | I                | 29,699               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SBIR: A defined, thermo-responsive scaffold for organoid culture  | inSoma Bio                                 |                              |
| 93.847      | I                | 87,743               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SBIR: Development of a high-throughput epigenomic mapping platform to molecularly phenotype Crohn's disease | EpiCypher, Inc.                            |                              |
| 93.847      | I                | 97,979               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SC-00083  | Gladstone Institutes                       |                              |
| 93.847      | I                | 23,624               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SC-00087  | Gladstone Institutes                       |                              |
| 93.847      | I                | (13,325)             | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | STTR: HELICAL Biodegradable Photochemical (HELP) Stents for AVF Maturation                                  | Inovasc, LLC                               |                              |
| 93.847      | I                | 80,936               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00014112 PO 300   | University of Michigan Board of Regents    |                              |
| 93.847      | I                | 21,605               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00018566 30072269382  | University of Michigan (UMICH)             |                              |
| 93.847      | I                | 3,077                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | SUBK00018875 30073  | University of Michigan (UMICH)             |                              |
| 93.847      | I                | 376                  | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | TN-01 Natural History Study of the Development of Type 1 Diabetes   | University of South Florida Tampa          |                              |
| 93.847      | I                | 240,804              | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | UWSC11876 BPO48314  | University of Washington                   |                              |
| 93.847      | I                | 7,955                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | VUMC 62324  | Vanderbilt University Medical Center       |                              |
| 93.847      | I                | 7,897                | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | VUMC97498   | Vanderbilt University Medical Center       |                              |
| 93.847      | I                | 25,778               | Diabetes, Digestive, and Kidney Diseases Extramural Research                 | WSU22178  | Wayne State University                     |                              |
| 93.853      | D                | 17,112,304           | Extramural Research Programs in the Neurosciences and Neurological Disorders |   |  |                              |
| 93.853      | I                | 12,577               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 012043-140257   | University of Cincinnati                   |                              |
| 93.853      | I                | (1,780)              | Extramural Research Programs in the Neurosciences and Neurological Disorders | 012044-140257   | University of Cincinnati                   |                              |
| 93.853      | I                | 21,674               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 0255-C052-4609  | Mount Sinai School of Medicine             |                              |
| 93.853      | I                | 34,723               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1(GG010874-01)  | Columbia University                        |                              |
| 93.853      | I                | 4,670                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 11622sc   | University of California at San Francisco  |                              |
| 93.853      | I                | 29,160               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1275-SUB  | Cleveland Clinic Foundation                |                              |
| 93.853      | I                | 8,631                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 13667SC   | University of California at San Francisco  |                              |
| 93.853      | I                | 26,470               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 1452-SUB  | Cleveland Clinic Foundation                |                              |
| 93.853      | I                | 7,036                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 19-M59/21-M43   | George Washington University               |                              |
| 93.853      | I                | 6,928                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2020A014357   | Massachusetts General Hospital             |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number                                      | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|--|---|---|------------------------------|
| 93.853      | I                | 27,360               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2022-1774   | University of California at Irvine (UCI)        |                              |
| 93.853      | I                | 151,331              | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2022GC1142  | University of Texas at Arlington                |                              |
| 93.853      | I                | 89,917               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 22-2391   | NeuroGT, Inc.                                   |                              |
| 93.853      | I                | 10,059               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 2301 G WE216  | University of California at Los Angeles         |                              |
| 93.853      | I                | 6,209                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 234362  | Massachusetts General Hospital                  |                              |
| 93.853      | I                | 128,903              | Extramural Research Programs in the Neurosciences and Neurological Disorders | 3(GG015295-01)/PO G14943  | Columbia University Trustees                    |                              |
| 93.853      | I                | 34,907               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 303-000277  | Duke University                                 |                              |
| 93.853      | I                | 7,555                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 303001719   | Duke University                                 |                              |
| 93.853      | I                | 11,491               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 33880-1   | Augusta State University                        |                              |
| 93.853      | I                | (1,589)              | Extramural Research Programs in the Neurosciences and Neurological Disorders | 417423  | University of Rochester                         |                              |
| 93.853      | I                | 316                  | Extramural Research Programs in the Neurosciences and Neurological Disorders | 417715/URFAO: GR510660  | University of Rochester                         |                              |
| 93.853      | I                | 41,863               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 5070-504  | Actuated Medical, Inc (AMI)                     |                              |
| 93.853      | I                | 5,566                | Extramural Research Programs in the Neurosciences and Neurological Disorders | 5600909926  | Baylor University College of Medicine           |                              |
| 93.853      | I                | (4,636)              | Extramural Research Programs in the Neurosciences and Neurological Disorders | 61353145-115866   | Stanford University                             |                              |
| 93.853      | I                | 33,839               | Extramural Research Programs in the Neurosciences and Neurological Disorders | 62680095-115866   | Leland Stanford Junior University (LSJU)        |                              |
| 93.853      | I                | (11,242)             | Extramural Research Programs in the Neurosciences and Neurological Disorders | 8564  | University of California at San Francisco       |                              |
| 93.853      | I                | (10,857)             | Extramural Research Programs in the Neurosciences and Neurological Disorders | 9091SC  | University of California at San Francisco       |                              |
| 93.853      | I                | 73,426               | Extramural Research Programs in the Neurosciences and Neurological Disorders | A03-1446  | Duke University                                 |                              |
| 93.853      | I                | 17,725               | Extramural Research Programs in the Neurosciences and Neurological Disorders | A032629   | Duke University                                 |                              |
| 93.853      | I                | 924                  | Extramural Research Programs in the Neurosciences and Neurological Disorders | A673224   | Emory University (EU)                           |                              |
| 93.853      | I                | 64,358               | Extramural Research Programs in the Neurosciences and Neurological Disorders | CCF22864254   | Cleveland Clinic Foundation                     |                              |
| 93.853      | I                | 11,618               | Extramural Research Programs in the Neurosciences and Neurological Disorders | FY20.620.001 2-5-91   | University of Colorado Denver                   |                              |
| 93.853      | I                | 224,980              | Extramural Research Programs in the Neurosciences and Neurological Disorders | FY22.1113.002   | University of Colorado Denver                   |                              |
| 93.853      | I                | 33,881               | Extramural Research Programs in the Neurosciences and Neurological Disorders | KR 704675   | University of California at San Diego           |                              |
| 93.853      | I                | 62,011               | Extramural Research Programs in the Neurosciences and Neurological Disorders | N009539507  | University of Minnesota                         |                              |
| 93.853      | I                | 56,445               | Extramural Research Programs in the Neurosciences and Neurological Disorders | RC111156B   | Michigan State University                       |                              |
| 93.853      | I                | 25,845               | Extramural Research Programs in the Neurosciences and Neurological Disorders | SAPO G17597 1(GG019   | Columbia University                             |                              |
| 93.853      | I                | 20,068               | Extramural Research Programs in the Neurosciences and Neurological Disorders | STTR: Development of gene therapy product for treating MPS IIIB | NeuroGT, Inc.                                   |                              |
| 93.853      | I                | 14,740               | Extramural Research Programs in the Neurosciences and Neurological Disorders | SUB00002945   | University of Florida                           |                              |
| 93.853      | I                | (41,874)             | Extramural Research Programs in the Neurosciences and Neurological Disorders | SUBK10398CSPR-002   | University of Michigan (UMICH)                  |                              |
| 93.853      | I                | (2,942)              | Extramural Research Programs in the Neurosciences and Neurological Disorders | Synaptomes of mouse and man                                     | The Allen Institute for Brain Science           |                              |
| 93.853      | I                | (4,586)              | Extramural Research Programs in the Neurosciences and Neurological Disorders | T458594   | Emory University (EU)                           |                              |
| 93.853      | I                | 42,416               | Extramural Research Programs in the Neurosciences and Neurological Disorders | UWSC13229 PO 60460  | University of Washington                        |                              |
| 93.855      | D                | 79,133,006           | Allergy and Infectious Diseases Research                                     |   |   |                              |
| 93.855      | I                | 174,316              | Allergy and Infectious Diseases Research                                     | 00001340  | Brown University                                |                              |
| 93.855      | I                | 174,011              | Allergy and Infectious Diseases Research                                     | 00001398  | Brown University                                |                              |
| 93.855      | I                | 84,651               | Allergy and Infectious Diseases Research                                     | 00001953  | Brown University                                |                              |
| 93.855      | I                | 151,094              | Allergy and Infectious Diseases Research                                     | 00002016  | Brown University                                |                              |
| 93.855      | I                | 120,779              | Allergy and Infectious Diseases Research                                     | 00010423  | University of California at Berkeley            |                              |
| 93.855      | I                | 486,638              | Allergy and Infectious Diseases Research                                     | 00010455  | University of California at Berkeley            |                              |
| 93.855      | I                | 8,275                | Allergy and Infectious Diseases Research                                     | 0001062469  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | 1                    | Allergy and Infectious Diseases Research                                     | 0001085329  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | (262,242)            | Allergy and Infectious Diseases Research                                     | 0001085572  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | 97,670               | Allergy and Infectious Diseases Research                                     | 0001109963  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | 5,682                | Allergy and Infectious Diseases Research                                     | 0001110226  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | 1,220,010            | Allergy and Infectious Diseases Research                                     | 0001114001  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | 1,211,169            | Allergy and Infectious Diseases Research                                     | 0001114063  | Fred Hutchinson Cancer Center                   |                              |
| 93.855      | I                | (7,442)              | Allergy and Infectious Diseases Research                                     | 000397076-011   | University of Alabama at Birmingham             |                              |
| 93.855      | I                | 517,506              | Allergy and Infectious Diseases Research                                     | 000520254-SC002   | University of Alabama at Birmingham             |                              |
| 93.855      | I                | 220,111              | Allergy and Infectious Diseases Research                                     | 000520254-SC006   | University of Alabama at Birmingham             |                              |
| 93.855      | I                | 407,990              | Allergy and Infectious Diseases Research                                     | 000529618-SC008   | University of Alabama at Birmingham             |                              |
| 93.855      | I                | (5,488)              | Allergy and Infectious Diseases Research                                     | 0080.0185/983   | FHI 360   |                              |
| 93.855      | I                | 169                  | Allergy and Infectious Diseases Research                                     | 0080.0247/104122  | Family Health International                     |                              |
| 93.855      | I                | 23,334               | Allergy and Infectious Diseases Research                                     | 01723-14730   | Saint Louis University                          |                              |
| 93.855      | I                | 8,478                | Allergy and Infectious Diseases Research                                     | 0255-H271-4609  | Mount Sinai School of Medicine                  |                              |
| 93.855      | I                | 56,633               | Allergy and Infectious Diseases Research                                     | 1(GG014746-29)  | Columbia University Trustees                    |                              |
| 93.855      | I                | 76,382               | Allergy and Infectious Diseases Research                                     | 1-340-0217434-66355L  | Research Triangle Institute (RTI International) |                              |
| 93.855      | I                | 177,701              | Allergy and Infectious Diseases Research                                     | 1-340-0217444-65953L  | Research Triangle Institute (RTI International) |                              |
| 93.855      | I                | (1,956)              | Allergy and Infectious Diseases Research                                     | 11000624-002  | Purdue University                               |                              |
| 93.855      | I                | 16,880               | Allergy and Infectious Diseases Research                                     | 11000886-018  | Purdue University                               |                              |
| 93.855      | I                | 7,728                | Allergy and Infectious Diseases Research                                     | 110200  | Brigham and Women's Hospital                    |                              |
| 93.855      | I                | (3,017)              | Allergy and Infectious Diseases Research                                     | 110229  | Brigham and Women's Hospital                    |                              |
| 93.855      | I                | (203)                | Allergy and Infectious Diseases Research                                     | 110236  | Brigham and Women's Hospital                    |                              |



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|-------------|------------------|----------------------|--|----------------------------|---|------------------------------|
| 93.855      | I                | (889)                | Allergy and Infectious Diseases Research | 110238                     | Brigham and Women's Hospital              |                              |
| 93.855      | I                | (1,498)              | Allergy and Infectious Diseases Research | 110256                     | Brigham and Women's Hospital              |                              |
| 93.855      | I                | 2,213                | Allergy and Infectious Diseases Research | 1110224                    | Fred Hutchinson Cancer Center             |                              |
| 93.855      | I                | 209,025              | Allergy and Infectious Diseases Research | 117316-5114521             | Harvard University School of Public Heal  |                              |
| 93.855      | I                | 104,603              | Allergy and Infectious Diseases Research | 12492SUB                   | Seattle Childrens Hospital Research Inst  |                              |
| 93.855      | I                | (3)                  | Allergy and Infectious Diseases Research | 135408                     | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | 77,715               | Allergy and Infectious Diseases Research | 13897SC                    | University of California at San Francisco |                              |
| 93.855      | I                | (17,932)             | Allergy and Infectious Diseases Research | 15(GG014746-22)            | Columbia University Trustees              |                              |
| 93.855      | I                | 8,218                | Allergy and Infectious Diseases Research | 15001683                   | Family Health International               |                              |
| 93.855      | I                | (7,108)              | Allergy and Infectious Diseases Research | 1560 B WA900               | University of California at Los Angeles   |                              |
| 93.855      | I                | 310,492              | Allergy and Infectious Diseases Research | 1560 B YB561               | University of California at Los Angeles   |                              |
| 93.855      | I                | 662,982              | Allergy and Infectious Diseases Research | 1560 B YB826               | University of California at Los Angeles   |                              |
| 93.855      | I                | 154,063              | Allergy and Infectious Diseases Research | 1560 B YB828               | University of California at Los Angeles   |                              |
| 93.855      | I                | 55,871               | Allergy and Infectious Diseases Research | 1560 B ZA805               | University of California at Los Angeles   |                              |
| 93.855      | I                | 3,324                | Allergy and Infectious Diseases Research | 1560 G LA057               | University of California at Los Angeles   |                              |
| 93.855      | I                | 4,987                | Allergy and Infectious Diseases Research | 1560 G LA222               | University of California at Los Angeles   |                              |
| 93.855      | I                | 42,894               | Allergy and Infectious Diseases Research | 1560 G LA429               | University of California at Los Angeles   |                              |
| 93.855      | I                | 18,203               | Allergy and Infectious Diseases Research | 1560 G LA567               | University of California at Los Angeles   |                              |
| 93.855      | I                | 24,110               | Allergy and Infectious Diseases Research | 1560 G LC078               | University of California at Los Angeles   |                              |
| 93.855      | I                | 305,185              | Allergy and Infectious Diseases Research | 1560 G YB302               | University of California at Los Angeles   |                              |
| 93.855      | I                | 14,663               | Allergy and Infectious Diseases Research | 1560 G YB540               | University of California at Los Angeles   |                              |
| 93.855      | I                | 18,316               | Allergy and Infectious Diseases Research | 1560 G YC859               | University of California at Los Angeles   |                              |
| 93.855      | I                | 21,710               | Allergy and Infectious Diseases Research | 1560 G ZA294               | University of California at Los Angeles   |                              |
| 93.855      | I                | 12,993               | Allergy and Infectious Diseases Research | 1560 G ZA797               | University of California at Los Angeles   |                              |
| 93.855      | I                | (3,308)              | Allergy and Infectious Diseases Research | 1560 G ZA849               | University of California at Los Angeles   |                              |
| 93.855      | I                | 345,835              | Allergy and Infectious Diseases Research | 1650 G ZA331               | University of California at Los Angeles   |                              |
| 93.855      | I                | 243,904              | Allergy and Infectious Diseases Research | 19-5722                    | EcoHealth Alliance                        |                              |
| 93.855      | I                | 85,300               | Allergy and Infectious Diseases Research | 1R01AI147731-01A1 (01)     | University of Texas Rio Grande Valley     |                              |
| 93.855      | I                | 57,751               | Allergy and Infectious Diseases Research | 1R41AI142847-02            | Irex Pharma LLC                           |                              |
| 93.855      | I                | (442)                | Allergy and Infectious Diseases Research | 2-5-23318                  | University of Colorado Denver             |                              |
| 93.855      | I                | (3,200)              | Allergy and Infectious Diseases Research | 20-2619                    | Mucommune, LLC                            |                              |
| 93.855      | I                | 13,626               | Allergy and Infectious Diseases Research | 20-4644                    | Eidec Pharmaceuticals, Inc                |                              |
| 93.855      | I                | 3,174                | Allergy and Infectious Diseases Research | 20-4903                    | Mucommune, LLC                            |                              |
| 93.855      | I                | (2,576)              | Allergy and Infectious Diseases Research | 2002815334                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 568,708              | Allergy and Infectious Diseases Research | 2003383922                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 134,611              | Allergy and Infectious Diseases Research | 2003478036                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 274,535              | Allergy and Infectious Diseases Research | 2004269187                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 38,881               | Allergy and Infectious Diseases Research | 2004360886                 | Johns Hopkins University                  |                              |
| 93.855      | I                | (745)                | Allergy and Infectious Diseases Research | 2004738349                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 748,690              | Allergy and Infectious Diseases Research | 2004841029                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 87,920               | Allergy and Infectious Diseases Research | 2005166603                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 7,550                | Allergy and Infectious Diseases Research | 2005291417 LDR 20          | Johns Hopkins University                  |                              |
| 93.855      | I                | 6,757                | Allergy and Infectious Diseases Research | 2005683463                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 6,411                | Allergy and Infectious Diseases Research | 2005709107                 | Johns Hopkins University                  |                              |
| 93.855      | I                | 83                   | Allergy and Infectious Diseases Research | 20123803-UNC               | National Jewish Health                    |                              |
| 93.855      | I                | 26,475               | Allergy and Infectious Diseases Research | 2021-46                    | University of Oklahoma                    |                              |
| 93.855      | I                | (2,714)              | Allergy and Infectious Diseases Research | 203-2319/203-1380          | Duke University Medical Center            |                              |
| 93.855      | I                | (6,013)              | Allergy and Infectious Diseases Research | 203-4121                   | Duke University                           |                              |
| 93.855      | I                | (2,369)              | Allergy and Infectious Diseases Research | 203-7757                   | Duke University                           |                              |
| 93.855      | I                | (992)                | Allergy and Infectious Diseases Research | 2031965                    | Duke University Medical Center            |                              |
| 93.855      | I                | (1,954)              | Allergy and Infectious Diseases Research | 2033193                    | Duke University Medical Center            |                              |
| 93.855      | I                | (790)                | Allergy and Infectious Diseases Research | 2033868                    | Duke University Medical Center            |                              |
| 93.855      | I                | 164,882              | Allergy and Infectious Diseases Research | 203504UNC                  | University of Notre Dame                  |                              |
| 93.855      | I                | (4,278)              | Allergy and Infectious Diseases Research | 203533-05                  | Cornell University Medical Campus         |                              |
| 93.855      | I                | 4,897                | Allergy and Infectious Diseases Research | 20389/PO#1000010783        | University of Maryland at Baltimore (UMB) |                              |
| 93.855      | I                | (323)                | Allergy and Infectious Diseases Research | 21-M112                    | George Washington University              |                              |
| 93.855      | I                | 7,553                | Allergy and Infectious Diseases Research | 22-86220-03                | University of Texas Medical Branch at Ga  |                              |
| 93.855      | I                | 267,322              | Allergy and Infectious Diseases Research | 224544-A                   | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 59,828               | Allergy and Infectious Diseases Research | 227909-1                   | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 298,140              | Allergy and Infectious Diseases Research | 227909-5                   | Cornell University Weill Medical College  |                              |
| 93.855      | I                | 419,953              | Allergy and Infectious Diseases Research | 23-0401                    | Eidec Pharmaceuticals, Inc                |                              |
| 93.855      | I                | 5,366                | Allergy and Infectious Diseases Research | 25901-82-324               | Wistar Institute                          |                              |
| 93.855      | I                | 2,252                | Allergy and Infectious Diseases Research | 2835409/P40669             | Imperial College London                   |                              |
| 93.855      | I                | 43,412               | Allergy and Infectious Diseases Research | 299815414-UNC-02           | Monash University                         |                              |

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|-------------|------------------|----------------------|--|---|---|------------------------------|
| 93.855      | I                | 67,525               | Allergy and Infectious Diseases Research | 3007537321/ SUBK00016306  | University of Michigan (UMICH)            |                              |
| 93.855      | I                | (103)                | Allergy and Infectious Diseases Research | 302-0567  | Duke University Medical Center            |                              |
| 93.855      | I                | 60,414               | Allergy and Infectious Diseases Research | 302000152   | Duke University                           |                              |
| 93.855      | I                | (1,482)              | Allergy and Infectious Diseases Research | 3021731   | Duke University                           |                              |
| 93.855      | I                | 63,922               | Allergy and Infectious Diseases Research | 3021927   | Duke University                           |                              |
| 93.855      | I                | 44,732               | Allergy and Infectious Diseases Research | 303-001853  | Duke University                           |                              |
| 93.855      | I                | 915,306              | Allergy and Infectious Diseases Research | 303000021   | Duke University                           |                              |
| 93.855      | I                | 36,019               | Allergy and Infectious Diseases Research | 303000135   | Duke University                           |                              |
| 93.855      | I                | 49,894               | Allergy and Infectious Diseases Research | 303000152   | Duke University                           |                              |
| 93.855      | I                | 3,353                | Allergy and Infectious Diseases Research | 303000155   | Duke University                           |                              |
| 93.855      | I                | 41,250               | Allergy and Infectious Diseases Research | 303000461   | Duke University                           |                              |
| 93.855      | I                | 335,674              | Allergy and Infectious Diseases Research | 303001011   | Duke University                           |                              |
| 93.855      | I                | 55,849               | Allergy and Infectious Diseases Research | 303001435   | Duke University                           |                              |
| 93.855      | I                | 59,909               | Allergy and Infectious Diseases Research | 303001656   | Duke University                           |                              |
| 93.855      | I                | 36,019               | Allergy and Infectious Diseases Research | 303001666   | Duke University                           |                              |
| 93.855      | I                | 6,989                | Allergy and Infectious Diseases Research | 309363 (CT1) PO 3100  | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | 25,054               | Allergy and Infectious Diseases Research | 309363 (CT1)PO3100834082  | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | 46,213               | Allergy and Infectious Diseases Research | 309364 (CT2) 3100774  | Cincinnati Childrens Hospital Medical Ce  |                              |
| 93.855      | I                | (547)                | Allergy and Infectious Diseases Research | 31121B PO 864850  | Albert Einstein College of Medicine Inc   |                              |
| 93.855      | I                | 55,207               | Allergy and Infectious Diseases Research | 31121D P0923045   | Albert Einstein College of Medicine Inc   |                              |
| 93.855      | I                | 122,630              | Allergy and Infectious Diseases Research | 33109SUB52706   | University of Vermont                     |                              |
| 93.855      | I                | 101,819              | Allergy and Infectious Diseases Research | 4500003386  | Boston University Board of Trustees       |                              |
| 93.855      | I                | (874)                | Allergy and Infectious Diseases Research | 473K174   | University of Wisconsin                   |                              |
| 93.855      | I                | 48,729               | Allergy and Infectious Diseases Research | 4740 PO966808   | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 217,818              | Allergy and Infectious Diseases Research | 4740/ 65852 PO 966808   | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 66,961               | Allergy and Infectious Diseases Research | 4741 PO 971211  | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 137,729              | Allergy and Infectious Diseases Research | 492004  | University of Arizona                     |                              |
| 93.855      | I                | 81,031               | Allergy and Infectious Diseases Research | 50046-324-UNC01   | Hektoen Institute, L.L.C.                 |                              |
| 93.855      | I                | 121,350              | Allergy and Infectious Diseases Research | 50047-324-UNC01   | Hektoen Institute, L.L.C.                 |                              |
| 93.855      | I                | 40,026               | Allergy and Infectious Diseases Research | 5121889   | Mucommune, LLC                            |                              |
| 93.855      | I                | 194,650              | Allergy and Infectious Diseases Research | 513954 SUBGRANT 1   | University of Toronto                     |                              |
| 93.855      | I                | 13,300               | Allergy and Infectious Diseases Research | 575196  | Trustees of the Univ. of Pennsylvania     |                              |
| 93.855      | I                | 85,241               | Allergy and Infectious Diseases Research | 5849/ PO 1035935/ 65852   | Henry M Jackson Foundation                |                              |
| 93.855      | I                | 665                  | Allergy and Infectious Diseases Research | 60040631 UNC  | Northwestern University                   |                              |
| 93.855      | I                | 219,335              | Allergy and Infectious Diseases Research | 62624322-116098   | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 53,846               | Allergy and Infectious Diseases Research | 62948433-193723   | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 146,134              | Allergy and Infectious Diseases Research | 63054089-242682   | Leland Stanford Junior University (LSJU)  |                              |
| 93.855      | I                | 5,431                | Allergy and Infectious Diseases Research | 7000009953  | Baylor University College of Medicine     |                              |
| 93.855      | I                | (13,708)             | Allergy and Infectious Diseases Research | 703673  | University of California at San Diego     |                              |
| 93.855      | I                | (7,588)              | Allergy and Infectious Diseases Research | 7922 (Site 0091)  | Duke University                           |                              |
| 93.855      | I                | (6,763)              | Allergy and Infectious Diseases Research | 8227SC  | University of California at San Francisco |                              |
| 93.855      | I                | 810                  | Allergy and Infectious Diseases Research | 8587sc  | University of California at San Francisco |                              |
| 93.855      | I                | 861                  | Allergy and Infectious Diseases Research | 94075853  | University of California at San Diego     |                              |
| 93.855      | I                | (21,759)             | Allergy and Infectious Diseases Research | A032960   | Duke University                           |                              |
| 93.855      | I                | 33,054               | Allergy and Infectious Diseases Research | A033980   | Duke University                           |                              |
| 93.855      | I                | 68,540               | Allergy and Infectious Diseases Research | A034953   | Duke University                           |                              |
| 93.855      | I                | 8,279                | Allergy and Infectious Diseases Research | A035189   | Duke University                           |                              |
| 93.855      | I                | (3,074)              | Allergy and Infectious Diseases Research | A039061   | Duke University                           |                              |
| 93.855      | I                | (4,151)              | Allergy and Infectious Diseases Research | A039076   | Duke University                           |                              |
| 93.855      | I                | 228,833              | Allergy and Infectious Diseases Research | A22-0073-S002   | University of South Alabama               |                              |
| 93.855      | I                | 15,177               | Allergy and Infectious Diseases Research | A425048   | Emory University (EU)                     |                              |
| 93.855      | I                | 70,366               | Allergy and Infectious Diseases Research | A520700   | Emory University (EU)                     |                              |
| 93.855      | I                | 203,761              | Allergy and Infectious Diseases Research | A651146 (A542927)   | Emory University (EU)                     |                              |
| 93.855      | I                | 61,354               | Allergy and Infectious Diseases Research | A733281   | Emory University (EU)                     |                              |
| 93.855      | I                | 18,324               | Allergy and Infectious Diseases Research | A770289   | Emory University (EU)                     |                              |
| 93.855      | I                | 4,469                | Allergy and Infectious Diseases Research | AGMT00008232  | The Methodist Hospital Research Institute |                              |
| 93.855      | I                | 12,984               | Allergy and Infectious Diseases Research | AGMT00008429  | The Methodist Hospital Research Institute |                              |
| 93.855      | I                | 1,798                | Allergy and Infectious Diseases Research | ALE10 - A phase 2, Double-Blind, Placebo-Controlled Trial of Mycophenolate Mofetil alone or with Voclosporin for Systemic Lupus: Examining Distinct Immunophenotypes to Validate and Enhance Rational Treatment | Emory University (EU)                     |                              |
| 93.855      | I                | 42,808               | Allergy and Infectious Diseases Research | AWD-002900-G2   | Georgia Institute of Technology           |                              |

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|-------------|------------------|----------------------|--|---|--|------------------------------|
| 93.855      | I                | 10,440               | Allergy and Infectious Diseases Research | Addressing HIV drug resistance research gaps in a cohort of perinatally infected Kenyan children and adolescents. | Miriam Hospital                            |                              |
| 93.855      | I                | 52,887               | Allergy and Infectious Diseases Research | CON-80004543 (GR120532)   | Yale University                            |                              |
| 93.855      | I                | (26,168)             | Allergy and Infectious Diseases Research | Determinants of Coronavirus Fidelity in Replication and Pathogenesis  | Vanderbilt University Medical Center       |                              |
| 93.855      | I                | (12,952)             | Allergy and Infectious Diseases Research | Determinants of Coronavirus Fidelity in Replication and Pathogenesis - Admin Supplement                           | Vanderbilt University Medical Center       |                              |
| 93.855      | I                | 11,903               | Allergy and Infectious Diseases Research | FY20ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | (9,033)              | Allergy and Infectious Diseases Research | FY21ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | (36)                 | Allergy and Infectious Diseases Research | FY21ITN452  | Benaroya Research Institute                |                              |
| 93.855      | I                | 31,660               | Allergy and Infectious Diseases Research | FY21ITN506  | Benaroya Research Institute                |                              |
| 93.855      | I                | 31,566               | Allergy and Infectious Diseases Research | FY22.141.003  | University of Colorado Denver              |                              |
| 93.855      | I                | 20,550               | Allergy and Infectious Diseases Research | FY22ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | 293,887              | Allergy and Infectious Diseases Research | FY22ITN452  | Benaroya Research Institute                |                              |
| 93.855      | I                | (459)                | Allergy and Infectious Diseases Research | FY22ITN506  | Benaroya Research Institute                |                              |
| 93.855      | I                | 67,575               | Allergy and Infectious Diseases Research | FY22ITN521  | Benaroya Research Institute                |                              |
| 93.855      | I                | 1,469                | Allergy and Infectious Diseases Research | FY22ITN579  | Benaroya Research Institute                |                              |
| 93.855      | I                | 2,781                | Allergy and Infectious Diseases Research | FY23ITN334  | Benaroya Research Institute                |                              |
| 93.855      | I                | 26,978               | Allergy and Infectious Diseases Research | FY23ITN521  | Benaroya Research Institute                |                              |
| 93.855      | I                | 2                    | Allergy and Infectious Diseases Research | G10063-19030 0000237127   | Hackensack Meridian Health                 |                              |
| 93.855      | I                | 29,901               | Allergy and Infectious Diseases Research | LDR 17 2004911373   | Johns Hopkins University                   |                              |
| 93.855      | I                | (676)                | Allergy and Infectious Diseases Research | LDR-10 PO 2002688423  | Johns Hopkins University                   |                              |
| 93.855      | I                | 101,496              | Allergy and Infectious Diseases Research | M60-NC-075-1101-3   | Institute for Clinical Research            |                              |
| 93.855      | I                | 12,603               | Allergy and Infectious Diseases Research | OS00000162/309364 (C  | Cincinnati Childrens Hospital Medical Ce   |                              |
| 93.855      | I                | 121,816              | Allergy and Infectious Diseases Research | OSP2018037 / WA01177894   | University of Massachusetts Medical School |                              |
| 93.855      | I                | (4,621)              | Allergy and Infectious Diseases Research | PO 15004410   | Family Health International                |                              |
| 93.855      | I                | 8,613                | Allergy and Infectious Diseases Research | PO 17004265   | Family Health International                |                              |
| 93.855      | I                | (580)                | Allergy and Infectious Diseases Research | PO 18001617   | Family Health International                |                              |
| 93.855      | I                | 509,421              | Allergy and Infectious Diseases Research | PO 18001926   | Family Health International                |                              |
| 93.855      | I                | 15,867               | Allergy and Infectious Diseases Research | PO 19000834   | Family Health International                |                              |
| 93.855      | I                | 16,446               | Allergy and Infectious Diseases Research | PO 19000835   | Family Health International                |                              |
| 93.855      | I                | 2,663                | Allergy and Infectious Diseases Research | PO 20002151   | Family Health International                |                              |
| 93.855      | I                | 23                   | Allergy and Infectious Diseases Research | PO 20002341   | Family Health International                |                              |
| 93.855      | I                | 609,158              | Allergy and Infectious Diseases Research | PO 20002747   | Family Health International                |                              |
| 93.855      | I                | 281,414              | Allergy and Infectious Diseases Research | PO 20002840   | Family Health International                |                              |
| 93.855      | I                | 3,952                | Allergy and Infectious Diseases Research | PO 20002914   | Family Health International                |                              |
| 93.855      | I                | (4,550)              | Allergy and Infectious Diseases Research | PO 2002815334   | Johns Hopkins University                   |                              |
| 93.855      | I                | 405,577              | Allergy and Infectious Diseases Research | PO 21000539   | Family Health International                |                              |
| 93.855      | I                | 23,029               | Allergy and Infectious Diseases Research | PO 21000541   | Family Health International                |                              |
| 93.855      | I                | 45,019               | Allergy and Infectious Diseases Research | PO 21000542   | Family Health International                |                              |
| 93.855      | I                | 42,897               | Allergy and Infectious Diseases Research | PO 23000593   | Family Health International                |                              |
| 93.855      | I                | 21,470               | Allergy and Infectious Diseases Research | PO# 2002815334  | Johns Hopkins University                   |                              |
| 93.855      | I                | 806                  | Allergy and Infectious Diseases Research | PO#2001317148   | Johns Hopkins University                   |                              |
| 93.855      | I                | 105,516              | Allergy and Infectious Diseases Research | PO17000385  | Family Health International                |                              |
| 93.855      | I                | 514,101              | Allergy and Infectious Diseases Research | PO17001853  | Family Health International                |                              |
| 93.855      | I                | 161,819              | Allergy and Infectious Diseases Research | PO17001868  | Family Health International                |                              |
| 93.855      | I                | 1,676,372            | Allergy and Infectious Diseases Research | PO17002292  | Family Health International                |                              |
| 93.855      | I                | 40,730               | Allergy and Infectious Diseases Research | PO19000050  | Family Health International                |                              |
| 93.855      | I                | 70,052               | Allergy and Infectious Diseases Research | PO19000834  | Family Health International                |                              |
| 93.855      | I                | 38,209               | Allergy and Infectious Diseases Research | PO19002625  | Family Health International                |                              |
| 93.855      | I                | 904,914              | Allergy and Infectious Diseases Research | PO20003130  | Family Health International                |                              |
| 93.855      | I                | 242,531              | Allergy and Infectious Diseases Research | PO21000539  | Family Health International                |                              |
| 93.855      | I                | 21,324               | Allergy and Infectious Diseases Research | PO21000540  | Family Health International                |                              |
| 93.855      | I                | 25,667               | Allergy and Infectious Diseases Research | PSTO PTCL 19 2004911397   | Johns Hopkins University                   |                              |
| 93.855      | I                | (1,865)              | Allergy and Infectious Diseases Research | Parasite Genomics Core (PGC)  | Johns Hopkins University                   |                              |
| 93.855      | I                | (22,108)             | Allergy and Infectious Diseases Research | RES510308   | Case Western Reserve University            |                              |
| 93.855      | I                | (1,885)              | Allergy and Infectious Diseases Research | SA0000976   | University of Texas at Houston Health      |                              |
| 93.855      | I                | 223,887              | Allergy and Infectious Diseases Research | SBIR: Rapid Quantification Of Nuclear Citrullination In Human Neutrophils   | EpiCypher, Inc.                            |                              |
| 93.855      | I                | 3,029                | Allergy and Infectious Diseases Research | STTR: Novel strategy to block AAV neutralizing antibody activity  | Nabgen, Inc.                               |                              |
| 93.855      | I                | 18,340               | Allergy and Infectious Diseases Research | SUB00000138 WA01249073  | University of Massachusetts Medical School |                              |
| 93.855      | I                | 259,666              | Allergy and Infectious Diseases Research | SUB000003169  | University of Florida                      |                              |
| 93.855      | I                | 5,162                | Allergy and Infectious Diseases Research | SUB000003735  | University of Florida                      |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                                      | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|--|--|---|------------------------------|
| 93.855      | I                | 193,173              | Allergy and Infectious Diseases Research               | SUBK00016306 PO3007196723  | University of Michigan (UMICH)                  |                              |
| 93.855      | I                | 27,826               | Allergy and Infectious Diseases Research               | SUBK00017966/ 300711   | University of Michigan Ann Arbor                |                              |
| 93.855      | I                | 12,157               | Allergy and Infectious Diseases Research               | Sub #5849 - Award #65852   | Henry M Jackson Foundation                      |                              |
| 93.855      | I                | 24,982               | Allergy and Infectious Diseases Research               | UCHC7-160359799-A3   | University of Connecticut Health Center         |                              |
| 93.855      | I                | 396,764              | Allergy and Infectious Diseases Research               | UCHC7-161908983-A5   | University of Connecticut Health Center         |                              |
| 93.855      | I                | 57,805               | Allergy and Infectious Diseases Research               | UCT31220/UCT31464/33625  | University of Cape Town                         |                              |
| 93.855      | I                | 202,579              | Allergy and Infectious Diseases Research               | UWSC11041 / BPO38223   | University of Washington                        |                              |
| 93.855      | I                | 448,795              | Allergy and Infectious Diseases Research               | UWSC14095 BPO# 69607   | University of Washington                        |                              |
| 93.855      | I                | 184,902              | Allergy and Infectious Diseases Research               | VUMC 41666   | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 36,836               | Allergy and Infectious Diseases Research               | VUMC 70553   | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 34,617               | Allergy and Infectious Diseases Research               | VUMC82832  | Vanderbilt University                           |                              |
| 93.855      | I                | 87,909               | Allergy and Infectious Diseases Research               | VUMC88435  | Vanderbilt University Medical Center            |                              |
| 93.855      | I                | 10,986               | Allergy and Infectious Diseases Research               | WA01401202/ SUB00000138  | University of Massachusetts Medical School      |                              |
| 93.855      | I                | 343,560              | Allergy and Infectious Diseases Research               | WU-21-206/PO#ST00000215  | Washington University in Saint Louis            |                              |
| 93.856      | I                | 162,962              | Microbiology and Infectious Diseases Research          | 1(GG016891-01) G15730  | Columbia University Trustees                    |                              |
| 93.856      | I                | (44,399)             | Microbiology and Infectious Diseases Research          | 1203003  | Dana Farber Cancer Institute                    |                              |
| 93.859      | D                | 43,372,750           | Biomedical Research and Research Training              |  |   |                              |
| 93.859      | I                | 40,238               | Biomedical Research and Research Training              | 0001130403   | Fred Hutchinson Cancer Center                   |                              |
| 93.859      | I                | (1,111)              | Biomedical Research and Research Training              | 102208235  | Baylor College of Medicine                      |                              |
| 93.859      | I                | 96,030               | Biomedical Research and Research Training              | 11650sc  | University of California at San Francisco       |                              |
| 93.859      | I                | 114                  | Biomedical Research and Research Training              | 20-4720  | Redbud Labs                                     |                              |
| 93.859      | I                | 105,894              | Biomedical Research and Research Training              | 2004080385   | Johns Hopkins University                        |                              |
| 93.859      | I                | 132,443              | Biomedical Research and Research Training              | 21-0831  | Epigenos Bioscience, Inc.                       |                              |
| 93.859      | I                | 20,129               | Biomedical Research and Research Training              | 21-2647  | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 291,485              | Biomedical Research and Research Training              | 22-0417  | Redbud Labs                                     |                              |
| 93.859      | I                | 57,185               | Biomedical Research and Research Training              | 22-0663  | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 63,966               | Biomedical Research and Research Training              | 24-6230-0248-002   | University of Nebraska at Lincoln               |                              |
| 93.859      | I                | 32,440               | Biomedical Research and Research Training              | 3004653332/PO3006661157  | University of Michigan (UMICH)                  |                              |
| 93.859      | I                | 13,522               | Biomedical Research and Research Training              | 303-000857   | Duke University                                 |                              |
| 93.859      | I                | 127,718              | Biomedical Research and Research Training              | 303000010  | Duke University                                 |                              |
| 93.859      | I                | (1,010)              | Biomedical Research and Research Training              | 55631-11504-UNC-05   | Sanford-Burnham Medical Research Institute      |                              |
| 93.859      | I                | 65,764               | Biomedical Research and Research Training              | 87367-11331  | Cornell University                              |                              |
| 93.859      | I                | 91,409               | Biomedical Research and Research Training              | M2300161   | Texas A and M University                        |                              |
| 93.859      | I                | 57,353               | Biomedical Research and Research Training              | OSP32239-02 WA01036197   | University of Massachusetts Medical School      |                              |
| 93.859      | I                | 448,978              | Biomedical Research and Research Training              | PO 000002859 GMO 231206  | University of Texas Southwestern Medical        |                              |
| 93.859      | I                | (4,905)              | Biomedical Research and Research Training              | PO#1594722/IN4684684   | Indiana University System                       |                              |
| 93.859      | I                | (449)                | Biomedical Research and Research Training              | PO#203480  | Jackson Laboratory                              |                              |
| 93.859      | I                | 150,568              | Biomedical Research and Research Training              | R44GM145007  | EpiCypher, Inc.                                 |                              |
| 93.859      | I                | 110,920              | Biomedical Research and Research Training              | RC111979A  | Michigan State University                       |                              |
| 93.859      | I                | 259,433              | Biomedical Research and Research Training              | SBIR: Development of analytical methods for glycosaminoglycans from biological sources VUMC75873 | Glycan Therapeutics, Inc.                       |                              |
| 93.859      | I                | 10,553               | Biomedical Research and Research Training              |  | Vanderbilt University Medical Center            |                              |
| 93.865      | D                | 28,282,035           | Child Health and Human Development Extramural Research |  |   |                              |
| 93.865      | I                | 6,394                | Child Health and Human Development Extramural Research | 000378020-001  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 74,710               | Child Health and Human Development Extramural Research | 000523794-SC002  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 27,134               | Child Health and Human Development Extramural Research | 000526015-SC002  | University of Alabama at Birmingham             |                              |
| 93.865      | I                | 16,631               | Child Health and Human Development Extramural Research | 1-312-0216102-65094L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 73,823               | Child Health and Human Development Extramural Research | 1-312-0218239-66673L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 25,598               | Child Health and Human Development Extramural Research | 1-312-0218642-66982L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 3,334                | Child Health and Human Development Extramural Research | 10010822-UNC   | Bowling Green State University                  |                              |
| 93.865      | I                | 8,380                | Child Health and Human Development Extramural Research | 11001106-008   | Purdue University                               |                              |
| 93.865      | I                | 174,608              | Child Health and Human Development Extramural Research | 117267-0385-5121149  | Harvard University                              |                              |
| 93.865      | I                | 2,360                | Child Health and Human Development Extramural Research | 14-NIH-1097  | Duke University                                 |                              |
| 93.865      | I                | (21,287)             | Child Health and Human Development Extramural Research | 1547811/PO1000095429   | University of Colorado                          |                              |
| 93.865      | I                | 14,248               | Child Health and Human Development Extramural Research | 18-2452  | Studio Hagler LLC                               |                              |
| 93.865      | I                | 86,413               | Child Health and Human Development Extramural Research | 2-312-0216665-65432L   | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | (339)                | Child Health and Human Development Extramural Research | 2-312-0216665-65432L/6543  | Research Triangle Institute (RTI International) |                              |
| 93.865      | I                | 4,546                | Child Health and Human Development Extramural Research | 20-0916  | Plakous Therapeutics Inc.                       |                              |
| 93.865      | I                | 1,281                | Child Health and Human Development Extramural Research | 20-4222  | Medical College of Wisconsin                    |                              |
| 93.865      | I                | 3,092                | Child Health and Human Development Extramural Research | 2000-G-VM484   | University of California at Los Angeles         |                              |
| 93.865      | I                | 37,063               | Child Health and Human Development Extramural Research | 2005420703   | Johns Hopkins University                        |                              |
| 93.865      | I                | 16,344               | Child Health and Human Development Extramural Research | 2018-3601  | University of California at Irvine (UCI)        |                              |
| 93.865      | I                | 427,494              | Child Health and Human Development Extramural Research | 21-5554  | George Washington University                    |                              |
| 93.865      | I                | (112)                | Child Health and Human Development Extramural Research | 214189-5   | Cornell University Weill Medical College        |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                                      | Pass-Through Entity Number  | Pass-Through Entity Name                 | Additional Award Information |
|-------------|------------------|----------------------|--|---|--|------------------------------|
| 93.865      | I                | 368,668              | Child Health and Human Development Extramural Research | 21612-43392   | Saint Louis University                   |                              |
| 93.865      | I                | 11,506               | Child Health and Human Development Extramural Research | 23-5184 PO 2000067681   | University of South Carolina (USC)       |                              |
| 93.865      | I                | 81,567               | Child Health and Human Development Extramural Research | 2831952-240023  | Duke University                          |                              |
| 93.865      | I                | 194,841              | Child Health and Human Development Extramural Research | 3(GG014633-01)  | Columbia University                      |                              |
| 93.865      | I                | 85,382               | Child Health and Human Development Extramural Research | 302000081   | Duke University                          |                              |
| 93.865      | I                | 97,633               | Child Health and Human Development Extramural Research | 302000222   | Duke University                          |                              |
| 93.865      | I                | 367                  | Child Health and Human Development Extramural Research | 3021848   | Duke University                          |                              |
| 93.865      | I                | 23,819               | Child Health and Human Development Extramural Research | 303000516   | Duke University                          |                              |
| 93.865      | I                | 3,343                | Child Health and Human Development Extramural Research | 303002012   | Duke University                          |                              |
| 93.865      | I                | 22,097               | Child Health and Human Development Extramural Research | 412579-19467  | Virginia Tech                            |                              |
| 93.865      | I                | 83,504               | Child Health and Human Development Extramural Research | 5122763   | Mucommune, LLC                           |                              |
| 93.865      | I                | 35,036               | Child Health and Human Development Extramural Research | 712-7549  | Emma Pendleton Bradley Hospital          |                              |
| 93.865      | I                | 90,427               | Child Health and Human Development Extramural Research | 910008/PO U0271241  | Drexel University                        |                              |
| 93.865      | I                | 30,238               | Child Health and Human Development Extramural Research | A03-5606  | Duke University                          |                              |
| 93.865      | I                | 7                    | Child Health and Human Development Extramural Research | A031044   | Duke University                          |                              |
| 93.865      | I                | 279,160              | Child Health and Human Development Extramural Research | A031512   | Duke University                          |                              |
| 93.865      | I                | 36,984               | Child Health and Human Development Extramural Research | A034101   | Duke University                          |                              |
| 93.865      | I                | 504,561              | Child Health and Human Development Extramural Research | AWD00004558 (137036-2)  | University of Pittsburgh                 |                              |
| 93.865      | I                | 32,666               | Child Health and Human Development Extramural Research | BullyDown - Piloting A Social-Emotional Learning-based Bullying Prevention Program Delivered via Text Messaging | Center for Innovative Public Health Rese |                              |
| 93.865      | I                | 33,081               | Child Health and Human Development Extramural Research | C00071280-2   | University of Missouri at Columbia       |                              |
| 93.865      | I                | 3,344                | Child Health and Human Development Extramural Research | FP00008136_SA002  | Virginia Commonwealth University (VCU)   |                              |
| 93.865      | I                | 37,958               | Child Health and Human Development Extramural Research | FP00008924_SA002  | Virginia Commonwealth University (VCU)   |                              |
| 93.865      | I                | 1,739                | Child Health and Human Development Extramural Research | FP00015753_SA002  | Virginia Commonwealth University (VCU)   |                              |
| 93.865      | I                | 17,752               | Child Health and Human Development Extramural Research | FY2021-042  | University of Kansas Center for Research |                              |
| 93.865      | I                | (4,928)              | Child Health and Human Development Extramural Research | M14A12036 (A10949)  | Yale University                          |                              |
| 93.865      | I                | 20,615               | Child Health and Human Development Extramural Research | MFMU Clinical Center Participation Terms & Conditions (TAC)   | George Washington University             |                              |
| 93.865      | I                | 36,014               | Child Health and Human Development Extramural Research | N006344802  | University of Minnesota                  |                              |
| 93.865      | I                | 4,029                | Child Health and Human Development Extramural Research | OS00000517 SPC-002254   | University of Miami                      |                              |
| 93.865      | I                | 59,611               | Child Health and Human Development Extramural Research | OS00000518 SPC-002255   | University of Miami                      |                              |
| 93.865      | I                | 4,727                | Child Health and Human Development Extramural Research | OS00000519 PO#SPC-002256  | University of Miami                      |                              |
| 93.865      | I                | (2,349)              | Child Health and Human Development Extramural Research | PD302900-SC-105276  | Virginia Commonwealth University (VCU)   |                              |
| 93.865      | I                | 241                  | Child Health and Human Development Extramural Research | PO 20003103 102634.0  | Family Health International              |                              |
| 93.865      | I                | 215,520              | Child Health and Human Development Extramural Research | Project#4300352001  | Boston Medical Center                    |                              |
| 93.865      | I                | 20,622               | Child Health and Human Development Extramural Research | R000003151  | Florida State University                 |                              |
| 93.865      | I                | 2,080                | Child Health and Human Development Extramural Research | R000003153  | Florida State University                 |                              |
| 93.865      | I                | (653)                | Child Health and Human Development Extramural Research | SBIR - Web-based Peer Mentor Training to Reduce Hospitalizations for Children with Asthma                       | Inquisithealth Inc                       |                              |
| 93.865      | I                | 29,866               | Child Health and Human Development Extramural Research | SC37547-02-05/PO167533  | University of Denver                     |                              |
| 93.865      | I                | 439,391              | Child Health and Human Development Extramural Research | SPC-002224  | University of Miami                      |                              |
| 93.865      | I                | 15,595               | Child Health and Human Development Extramural Research | SPC-100004321/GR119855  | Ohio State University                    |                              |
| 93.865      | I                | 23,141               | Child Health and Human Development Extramural Research | SUBK00017525 PO3007025892   | University of Michigan (UMICH)           |                              |
| 93.865      | I                | 318,896              | Child Health and Human Development Extramural Research | UNC20-315   | Oak Crest Institute of Science           |                              |
| 93.865      | I                | 127,078              | Child Health and Human Development Extramural Research | UWSC13108 PO 59689  | University of Washington                 |                              |
| 93.865      | I                | 11,868               | Child Health and Human Development Extramural Research | VUMC86264   | Vanderbilt University Medical Center     |                              |
| 93.865      | I                | 489,897              | Child Health and Human Development Extramural Research | WU-19-418/PO ST00000500   | Washington University in Saint Louis     |                              |
| 93.865      | I                | 13,529               | Child Health and Human Development Extramural Research | WU-22-0254  | Washington University in Saint Louis     |                              |
| 93.865      | I                | 42,784               | Child Health and Human Development Extramural Research | WU-23-0297 PO#ST00011991  | Washington University in Saint Louis     |                              |
| 93.865      | I                | 36,467               | Child Health and Human Development Extramural Research | WU-23-0310  | Washington University in Saint Louis     |                              |
| 93.866      | D                | 23,767,522           | Aging Research   |   |  |                              |
| 93.866      | I                | 330,043              | Aging Research   | 00001376  | Brown University                         |                              |
| 93.866      | I                | 804                  | Aging Research   | 00001574  | Brown University                         |                              |
| 93.866      | I                | 22,721               | Aging Research   | 1(GG015834-04) SAPO G1679   | Columbia University                      |                              |
| 93.866      | I                | 78,932               | Aging Research   | 117381028 / PO# S9002317  | University of California at San Diego    |                              |
| 93.866      | I                | (12,163)             | Aging Research   | 15-NIH-1035   | Duke University                          |                              |
| 93.866      | I                | 342,444              | Aging Research   | 1559351 1001381571  | University of Colorado at Boulder        |                              |
| 93.866      | I                | 3,579                | Aging Research   | 1560 B XA097  | University of California at Los Angeles  |                              |
| 93.866      | I                | 14,829               | Aging Research   | 1935 G ZA111  | University of California at Los Angeles  |                              |
| 93.866      | I                | 330,291              | Aging Research   | 2003475848  | Johns Hopkins University                 |                              |
| 93.866      | I                | 41,655               | Aging Research   | 2004079614  | Johns Hopkins University                 |                              |
| 93.866      | I                | 7,008                | Aging Research   | 2004808341  | Johns Hopkins University                 |                              |
| 93.866      | I                | 11,725               | Aging Research   | 2005089644  | Johns Hopkins University                 |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title | Pass-Through Entity Number  | Pass-Through Entity Name                 | Additional Award Information |
|-------------|------------------|----------------------|-------------------|---|--|------------------------------|
| 93.866      | I                | 49,228               | Aging Research    | 2005505345  | Johns Hopkins University                 |                              |
| 93.866      | I                | 8,420                | Aging Research    | 2005534190  | Johns Hopkins University                 |                              |
| 93.866      | I                | 371,558              | Aging Research    | 2005778170  | Johns Hopkins University                 |                              |
| 93.866      | I                | 17,194               | Aging Research    | 2005821016  | Johns Hopkins University                 |                              |
| 93.866      | I                | (2,094)              | Aging Research    | 201121619-01  | University of California at Davis (UCD)  |                              |
| 93.866      | I                | 126,102              | Aging Research    | 2022GC0399  | University of Texas at Arlington         |                              |
| 93.866      | I                | 44,717               | Aging Research    | 2022GCO399  | University of Texas at Arlington         |                              |
| 93.866      | I                | 2,867                | Aging Research    | 21-4069   | Prepped Health, LLC                      |                              |
| 93.866      | I                | 49,156               | Aging Research    | 2101  | Sapere Bio, Inc                          |                              |
| 93.866      | I                | 135                  | Aging Research    | 245360 7912   | Duke University                          |                              |
| 93.866      | I                | 35,097               | Aging Research    | 303-000430  | Duke University                          |                              |
| 93.866      | I                | 33,311               | Aging Research    | 303-001083  | Duke University                          |                              |
| 93.866      | I                | 197,438              | Aging Research    | 303000680   | Duke University                          |                              |
| 93.866      | I                | 90,769               | Aging Research    | 303000682   | Duke University                          |                              |
| 93.866      | I                | 14,794               | Aging Research    | 303000685   | Duke University                          |                              |
| 93.866      | I                | 98,569               | Aging Research    | 303000687   | Duke University                          |                              |
| 93.866      | I                | 187,376              | Aging Research    | 303000689   | Duke University                          |                              |
| 93.866      | I                | 159,261              | Aging Research    | 303000692   | Duke University                          |                              |
| 93.866      | I                | 90,758               | Aging Research    | 30340SUB53046 / PO175824  | University of Vermont                    |                              |
| 93.866      | I                | 77,979               | Aging Research    | 30917-05467-S01   | Syracuse University                      |                              |
| 93.866      | I                | 1,018                | Aging Research    | 33222A PO 857935  | Albert Einstein College of Medicine Inc  |                              |
| 93.866      | I                | 5,481                | Aging Research    | 33320A PO 908042  | Albert Einstein College of Medicine Inc  |                              |
| 93.866      | I                | 2,293                | Aging Research    | 412788-19467  | Virginia Tech                            |                              |
| 93.866      | I                | 31,860               | Aging Research    | 501668SG2233  | DePaul University                        |                              |
| 93.866      | I                | 23,633               | Aging Research    | 585030  | Trustees of the Univ. of Pennsylvania    |                              |
| 93.866      | I                | 17,632               | Aging Research    | 60254.2005087.669306  | Beckman Research Institute of the City o |                              |
| 93.866      | I                | 33,852               | Aging Research    | 608-S01   | Barron Associates, Inc.                  |                              |
| 93.866      | I                | 24,531               | Aging Research    | 62721993-229854   | Stanford University                      |                              |
| 93.866      | I                | (13,414)             | Aging Research    | 7(GG013385-16)  | Columbia University                      |                              |
| 93.866      | I                | 24,828               | Aging Research    | 8733_UNC  | Trustees of Indiana University           |                              |
| 93.866      | I                | 34,087               | Aging Research    | 90108   | Hebrew Rehabilitation Center             |                              |
| 93.866      | I                | 52,831               | Aging Research    | A03-3211  | Duke University                          |                              |
| 93.866      | I                | 2,281                | Aging Research    | A030931   | Duke University                          |                              |
| 93.866      | I                | 60,801               | Aging Research    | A032814   | Duke University                          |                              |
| 93.866      | I                | 45,554               | Aging Research    | A034259   | Duke University                          |                              |
| 93.866      | I                | 4,677                | Aging Research    | A035412   | Duke University                          |                              |
| 93.866      | I                | (2,699)              | Aging Research    | A035414   | Duke University                          |                              |
| 93.866      | I                | (1,184)              | Aging Research    | A035417   | Duke University                          |                              |
| 93.866      | I                | (2,173)              | Aging Research    | A035419   | Duke University                          |                              |
| 93.866      | I                | 1,297                | Aging Research    | A035421   | Duke University                          |                              |
| 93.866      | I                | 1,645                | Aging Research    | A035424   | Duke University                          |                              |
| 93.866      | I                | 10,622               | Aging Research    | A18-0168-S001   | University of California at Davis (UCD)  |                              |
| 93.866      | I                | 82,644               | Aging Research    | A21-0041-S001   | Rensselaer Polytechnic Institute (RPI)   |                              |
| 93.866      | I                | 396,104              | Aging Research    | A548199   | Emory University (EU)                    |                              |
| 93.866      | I                | 12,833               | Aging Research    | A647082   | Emory University (EU)                    |                              |
| 93.866      | I                | 1,600,737            | Aging Research    | A727376   | Emory University (EU)                    |                              |
| 93.866      | I                | 10,520               | Aging Research    | AWD00004796 (136884-1)  | University of Pittsburgh                 |                              |
| 93.866      | I                | 21,950               | Aging Research    | AWD0002717 (134965-4)   | University of Pittsburgh                 |                              |
| 93.866      | I                | 187                  | Aging Research    | AWD062370 SUB00000453   | University of Chicago                    |                              |
| 93.866      | I                | 56,462               | Aging Research    | B001018428  | University of Massachusetts at Boston    |                              |
| 93.866      | I                | 35,850               | Aging Research    | CHA-263134  | Mayo Clinic in Rochester                 |                              |
| 93.866      | I                | (385)                | Aging Research    | CHA-263134/PO67115768   | Mayo Clinic in Rochester                 |                              |
| 93.866      | I                | 65,124               | Aging Research    | CHH-263134-02/ 68234744   | Mayo Clinic                              |                              |
| 93.866      | I                | 15,930               | Aging Research    | GR113863 (CON-800031  | Yale University                          |                              |
| 93.866      | I                | 149,465              | Aging Research    | KR 705391   | University of California at San Diego    |                              |
| 93.866      | I                | 145,307              | Aging Research    | OS00000610/SPC-002578   | University of Miami                      |                              |
| 93.866      | I                | 4,578                | Aging Research    | PO 519285 AWD-002617  | Georgia Institute of Technology          |                              |
| 93.866      | I                | (9,984)              | Aging Research    | PO#3000010083/23030.  | City of Hope National Medical Center     |                              |
| 93.866      | I                | 7,428                | Aging Research    | RC114177UNC   | Michigan State University                |                              |
| 93.866      | I                | 40,371               | Aging Research    | SBIR: Development of Aberrant Cdk5 Imaging agent for early detection of Alzheimer's disease pathology and treatment outcome measurement | Aestas Pharma, Inc.                      |                              |
| 93.866      | I                | (25,296)             | Aging Research    | SBIR: Phase II SBIR # 4R44AG059279-02   | Cylerus, Inc                             |                              |
| 93.866      | I                | 18,920               | Aging Research    | SP14124-SB03  | University of Mississippi Medical Center |                              |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                     | Additional Award Information |
|-------------|------------------|----------------------|--|---|--|------------------------------|
| 93.866      | I                | 83,904               | Aging Research   | SPC-1000005361 / GR123885   | Ohio State University                        |                              |
| 93.866      | I                | 3,196                | Aging Research   | STE2196-14  | Northern California Institute for Research   |                              |
| 93.866      | I                | 625                  | Aging Research   | STE2196-39  | Northern California Institute for Research   |                              |
| 93.866      | I                | 22,445               | Aging Research   | STTR: Band Pass: A Remote Monitoring System for Sarcopenia and Functional Decline                                 | SynchroHealth, LLC                           |                              |
| 93.866      | I                | (9,916)              | Aging Research   | Study of Latinos - Investigation of Neurocognitive Aging 2  | University of California at San Diego        |                              |
| 93.866      | I                | 21,605               | Aging Research   | UTA18-000524  | University of Texas at Austin                |                              |
| 93.866      | I                | 130,581              | Aging Research   | UWSC12782   | University of Washington                     |                              |
| 93.867      | D                | 1,452,882            | Vision Research  |   |  |                              |
| 93.867      | I                | 9,876                | Vision Research  | 10048893-01   | University of Utah                           |                              |
| 93.867      | I                | 63,728               | Vision Research  | 1019606_UNC   | Oregon Health and Science University         |                              |
| 93.867      | I                | 27,124               | Vision Research  | 17710   | University of Illinois                       |                              |
| 93.867      | I                | 3,097                | Vision Research  | 1R41EY021943-01A1   | Vascular Pharmaceuticals, Inc.               |                              |
| 93.867      | I                | 5,917                | Vision Research  | 63141977-279602   | Leland Stanford Junior University (LSJU)     |                              |
| 93.867      | I                | 17,127               | Vision Research  | Diabetic Retinopathy Clinical Research Network  | Jaeb Center for Health Research              |                              |
| 93.867      | I                | (1,583)              | Vision Research  | LUM-1901A   | Lumeca, Inc.                                 |                              |
| 93.867      | I                | 30,377               | Vision Research  | Pediatric Eye Disease Investigator Group Master Agreement   | Jaeb Center for Health Research              |                              |
| 93.867      | I                | 45,990               | Vision Research  | R41EY033262   | Bedrock Therapeutics                         |                              |
| 93.867      | I                | 98,211               | Vision Research  | STTR: Novel platform for optimizing AAV transgene expression to improve efficacy of ocular disease gene therapies | Epigenos Bioscience, Inc.                    |                              |
| 93.867      | I                | 207                  | Vision Research  | STTR: Prevention of Corneal Transplant Rejection using AAV-HLA-G Combination Therapy                              | Bedrock Therapeutics                         |                              |
| 93.877      | D                | 23,249               | Autism Collaboration, Accountability, Research, Education, and Support                 |   |  |                              |
| 93.877      | I                | 14,126               | Autism Collaboration, Accountability, Research, Education, and Support                 | 1557 G ZB481  | University of California at Los Angeles      |                              |
| 93.877      | I                | 17,589               | Autism Collaboration, Accountability, Research, Education, and Support                 | 1557PZB444  | University of California at Los Angeles      |                              |
| 93.879      | D                | 1,294,073            | Medical Library Assistance   |   |  |                              |
| 93.879      | I                | 41,180               | Medical Library Assistance   | 109757-19029  | University of Illinois at Urbana-Champaign   |                              |
| 93.884      | D                | 886,351              | Grants for Primary Care Training and Enhancement                                       |   |  |                              |
| 93.898      | I                | 13,378               | Cancer Prevention and Control Programs for State, Territorial and Tribal Organizations | 3409024960  | Oklahoma State Department of Health          |                              |
| 93.913      | I                | (4,996)              | Grants to States for Operation of State Offices of Rural Health                        | GR403952  | Brandeis University                          |                              |
| 93.918      | D                | 809,103              | Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease   |   |  |                              |
| 93.924      | D                | 4,356                | Ryan White HIV/AIDS Dental Reimbursement and Community Based Dental Partnership Grants |   |  |                              |
| 93.926      | D                | (1,009)              | Healthy Start Initiative   |   |  |                              |
| 93.928      | I                | (39,246)             | Special Projects of National Significance  | SPNS_JAIL Aids United   | National AIDS Fund                           |                              |
| 93.941      | D                | 311,412              | HIV Demonstration, Research, Public and Professional Education Projects                |   |  |                              |
| 93.945      | D                | 441,378              | Assistance Programs for Chronic Disease Prevention and Control                         |   |  |                              |
| 93.945      | I                | 40,076               | Assistance Programs for Chronic Disease Prevention and Control                         | 0618-076  | Alaska Department of Health and Social S     |                              |
| 93.945      | I                | 17,623               | Assistance Programs for Chronic Disease Prevention and Control                         | 21-4177   | University of South Carolina (USC)           |                              |
| 93.945      | I                | 116,451              | Assistance Programs for Chronic Disease Prevention and Control                         | Subcontract CDC_0002  | Crohns and Colitis Foundation of America     |                              |
| 93.958      | I                | 155,916              | Block Grants for Community Mental Health Services                                      | 359000020   | Duke University                              |                              |
| 93.958      | I                | 730,447              | Block Grants for Community Mental Health Services                                      | 359000065   | Duke University                              |                              |
| 93.964      | D                | (9,787)              | Prevention and Public Health Fund (PPHF) Public Health Traineeships                    |   |  |                              |
| 93.967      | I                | 112,525              | CDC's Collaboration with Academia to Strengthen Public Health                          | G2543_AG_1201   | National Network of Public Health Institute  |                              |
| 93.969      | D                | 857,133              | PPHF Geriatric Education Centers   |   |  |                              |
| 93.969      | I                | 19,883               | PPHF Geriatric Education Centers   | ULRF_19-0740S2-01   | University of Louisville Research Foundation |                              |
| 93.969      | I                | 64,717               | PPHF Geriatric Education Centers   | ULRF_19-0740S3-01   | University of Louisville Research Foundation |                              |
| 93.978      | I                | 26,529               | Sexually Transmitted Diseases (STD) Provider Education Grants                          | 102644  | Family Health International                  |                              |
| 93.989      | D                | 3,534,264            | International Research and Research Training   |   |  |                              |
| 93.989      | I                | 24,075               | International Research and Research Training   | 1062.01.51  | Pacific Institute for Research and Evalu     |                              |
| 93.989      | I                | (294)                | International Research and Research Training   | 1670 PO 1399181   | Rutgers the State University of New Jersey   |                              |
| 93.989      | I                | 4,789                | International Research and Research Training   | 210831  | Wheaton College                              |                              |
| 93.989      | I                | (2,558)              | International Research and Research Training   | 60035474 UNC  | Northwestern University                      |                              |
| 93.989      | I                | 16,789               | International Research and Research Training   | S005253   | Stellenbosch University                      |                              |
| 93.991      | I                | 27,431               | Preventive Health and Health Services Block Grant                                      | 22-4374   | Mississippi Department of Human Services     |                              |
| 93.991      | I                | 16,569               | Preventive Health and Health Services Block Grant                                      | 23-0308   | Health Council of Southeast Florida          |                              |
| 93.994      | I                | 3,932                | Maternal and Child Health Services Block Grant to the States                           | 66696   | Indiana Department of Health                 |                              |
| 93.RD       | D                | (853)                | U. S. Department of Health and Human Services  |   |  | A11-0361-001                 |
| 93.RD       | D                | 1,469                | U. S. Department of Health and Human Services  |   |  | A11-0633-001                 |
| 93.RD       | D                | 8,127                | U. S. Department of Health and Human Services  |   |  | A13-0387-001                 |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                             | Pass-Through Entity Number | Pass-Through Entity Name      | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|-------------------------------|------------------------------|
| 93.RD       | D                | (858)                | U. S. Department of Health and Human Services |                            |                               | A14-1164-001                 |
| 93.RD       | D                | 8,560                | U. S. Department of Health and Human Services |                            |                               | A15-0235-001                 |
| 93.RD       | D                | (2,053)              | U. S. Department of Health and Human Services |                            |                               | A17-0687-007                 |
| 93.RD       | D                | 329,308              | U. S. Department of Health and Human Services |                            |                               | A17-1593-005                 |
| 93.RD       | D                | 255,897              | U. S. Department of Health and Human Services |                            |                               | A17-1593-011                 |
| 93.RD       | D                | (4,542)              | U. S. Department of Health and Human Services |                            |                               | A17-1593-013                 |
| 93.RD       | D                | 419,587              | U. S. Department of Health and Human Services |                            |                               | A17-1593-016                 |
| 93.RD       | D                | 45,384               | U. S. Department of Health and Human Services |                            |                               | A17-1593-017                 |
| 93.RD       | D                | 28,082               | U. S. Department of Health and Human Services |                            |                               | A17-1593-018                 |
| 93.RD       | D                | 541,917              | U. S. Department of Health and Human Services |                            |                               | A17-1593-019                 |
| 93.RD       | D                | 146,809              | U. S. Department of Health and Human Services |                            |                               | A17-1593-020                 |
| 93.RD       | D                | 30,136               | U. S. Department of Health and Human Services |                            |                               | A17-1593-021                 |
| 93.RD       | D                | 117                  | U. S. Department of Health and Human Services |                            |                               | A18-1208-001                 |
| 93.RD       | D                | 611,537              | U. S. Department of Health and Human Services |                            |                               | A18-1208-004                 |
| 93.RD       | D                | 942,406              | U. S. Department of Health and Human Services |                            |                               | A19-0308-006                 |
| 93.RD       | D                | 2,423,573            | U. S. Department of Health and Human Services |                            |                               | A19-0308-008                 |
| 93.RD       | D                | 677,786              | U. S. Department of Health and Human Services |                            |                               | A19-0561-001                 |
| 93.RD       | D                | 341,733              | U. S. Department of Health and Human Services |                            |                               | A19-0625-001                 |
| 93.RD       | D                | 282,813              | U. S. Department of Health and Human Services |                            |                               | A19-0650-009                 |
| 93.RD       | D                | 1,240,243            | U. S. Department of Health and Human Services |                            |                               | A19-0650-010                 |
| 93.RD       | D                | 1,723,403            | U. S. Department of Health and Human Services |                            |                               | A19-0650-012                 |
| 93.RD       | D                | 55,384               | U. S. Department of Health and Human Services |                            |                               | A19-0650-013                 |
| 93.RD       | D                | 1,484,958            | U. S. Department of Health and Human Services |                            |                               | A19-0650-015                 |
| 93.RD       | D                | 199                  | U. S. Department of Health and Human Services |                            |                               | A19-0731-001                 |
| 93.RD       | D                | (691)                | U. S. Department of Health and Human Services |                            |                               | A19-0982-003                 |
| 93.RD       | D                | 100,141              | U. S. Department of Health and Human Services |                            |                               | A19-0982-004                 |
| 93.RD       | D                | 88,137               | U. S. Department of Health and Human Services |                            |                               | A19-0982-005                 |
| 93.RD       | D                | (5,116)              | U. S. Department of Health and Human Services |                            |                               | A19-1528-001                 |
| 93.RD       | D                | 704,153              | U. S. Department of Health and Human Services |                            |                               | A20-0182-001                 |
| 93.RD       | D                | 216,717              | U. S. Department of Health and Human Services |                            |                               | A20-0284-001                 |
| 93.RD       | D                | 24                   | U. S. Department of Health and Human Services |                            |                               | A20-0366-002                 |
| 93.RD       | D                | (2,545)              | U. S. Department of Health and Human Services |                            |                               | A20-0427-001                 |
| 93.RD       | D                | 1,579,540            | U. S. Department of Health and Human Services |                            |                               | A20-0440-001                 |
| 93.RD       | D                | 259,556              | U. S. Department of Health and Human Services |                            |                               | A20-0440-003                 |
| 93.RD       | D                | 24,440               | U. S. Department of Health and Human Services |                            |                               | A20-0791-002                 |
| 93.RD       | D                | 148,869              | U. S. Department of Health and Human Services |                            |                               | A20-0791-003                 |
| 93.RD       | D                | 382,994              | U. S. Department of Health and Human Services |                            |                               | A20-1553-001                 |
| 93.RD       | D                | (1,137)              | U. S. Department of Health and Human Services |                            |                               | A21-0156-001                 |
| 93.RD       | D                | (1,385)              | U. S. Department of Health and Human Services |                            |                               | A21-0156-002                 |
| 93.RD       | D                | 22,529               | U. S. Department of Health and Human Services |                            |                               | A21-0156-003                 |
| 93.RD       | D                | (25)                 | U. S. Department of Health and Human Services |                            |                               | A21-0157-001                 |
| 93.RD       | D                | 5,162                | U. S. Department of Health and Human Services |                            |                               | A21-0284-001                 |
| 93.RD       | D                | 34,540               | U. S. Department of Health and Human Services |                            |                               | A21-1706-001                 |
| 93.RD       | D                | 2,867                | U. S. Department of Health and Human Services |                            |                               | A22-0171-001                 |
| 93.RD       | D                | 613                  | U. S. Department of Health and Human Services |                            |                               | A22-0454-001                 |
| 93.RD       | D                | 263,323              | U. S. Department of Health and Human Services |                            |                               | A22-0540-001                 |
| 93.RD       | D                | 1,659                | U. S. Department of Health and Human Services |                            |                               | A22-0559-001                 |
| 93.RD       | D                | 1,341,252            | U. S. Department of Health and Human Services |                            |                               | A22-0654-001                 |
| 93.RD       | D                | 1,566,049            | U. S. Department of Health and Human Services |                            |                               | A22-0654-002                 |
| 93.RD       | D                | 99,128               | U. S. Department of Health and Human Services |                            |                               | A22-0805-001                 |
| 93.RD       | D                | 17,764               | U. S. Department of Health and Human Services |                            |                               | A22-1085-001                 |
| 93.RD       | D                | 104,539              | U. S. Department of Health and Human Services |                            |                               | A22-1620-001                 |
| 93.RD       | D                | 237,747              | U. S. Department of Health and Human Services |                            |                               | A22-1625-001                 |
| 93.RD       | D                | 17,731               | U. S. Department of Health and Human Services |                            |                               | A22-1652-001                 |
| 93.RD       | D                | 9,530                | U. S. Department of Health and Human Services |                            |                               | A23-0097-001                 |
| 93.RD       | D                | 69,144               | U. S. Department of Health and Human Services |                            |                               | A23-0136-001                 |
| 93.RD       | D                | 37,443               | U. S. Department of Health and Human Services |                            |                               | A23-0304-001                 |
| 93.RD       | D                | 145,015              | U. S. Department of Health and Human Services |                            |                               | A23-0370-001                 |
| 93.RD       | D                | 448,595              | U. S. Department of Health and Human Services |                            |                               | A23-0398-001                 |
| 93.RD       | D                | 21,861               | U. S. Department of Health and Human Services |                            |                               | A23-0528-001                 |
| 93.RD       | D                | 45,041               | U. S. Department of Health and Human Services |                            |                               | A23-0990-001                 |
| 93.RD       | I                | (859)                | U. S. Department of Health and Human Services | 0000724840                 | Fred Hutchinson Cancer Center | A13-0483-003                 |
| 93.RD       | I                | 59,527               | U. S. Department of Health and Human Services | 0001063248                 | Fred Hutchinson Cancer Center | A21-0991-003                 |
| 93.RD       | I                | 33,451               | U. S. Department of Health and Human Services | 0001063248                 | Fred Hutchinson Cancer Center | A21-0991-005                 |



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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                             | Pass-Through Entity Number | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|---|------------------------------|
| 93.RD       |                  | (419)                | U. S. Department of Health and Human Services | 000500918-T013-008         | University of Alabama at Birmingham             | A17-1321-002                 |
| 93.RD       |                  | 53,547               | U. S. Department of Health and Human Services | 000523931-001              | University of Alabama at Birmingham             | A21-1620-001                 |
| 93.RD       |                  | (42,580)             | U. S. Department of Health and Human Services | 000524050-T006-005         | University of Alabama at Birmingham             | A18-1392-001                 |
| 93.RD       |                  | 2,580                | U. S. Department of Health and Human Services | 00741-PSC-CW CURRICU       | JBS International Inc.                          | A17-0579-001                 |
| 93.RD       |                  | 10,700               | U. S. Department of Health and Human Services | 04-4568                    | McKing Consulting Corporation                   | A15-1385-001                 |
| 93.RD       |                  | (1,734)              | U. S. Department of Health and Human Services | 08800-036-00-FPG-0         | Urban Institute                                 | A13-0505-001                 |
| 93.RD       |                  | 237,410              | U. S. Department of Health and Human Services | 1-312-0218236-66618L       | Research Triangle Institute (RTI International) | A22-0731-001                 |
| 93.RD       |                  | 23,356               | U. S. Department of Health and Human Services | 1-340-0216681-65421L       | Research Triangle Institute (RTI International) | A19-0889-001                 |
| 93.RD       |                  | 112,736              | U. S. Department of Health and Human Services | 1001384-UNC                | Versiti Wisconsin, Inc. aka Versiti Bloo        | A21-1067-001                 |
| 93.RD       |                  | 255,098              | U. S. Department of Health and Human Services | 1001629480 FY22.1135       | University of Colorado Denver                   | A22-0516-003                 |
| 93.RD       |                  | (1)                  | U. S. Department of Health and Human Services | 1004354-002_UNC            | Oregon Health and Science University            | A18-0682-001                 |
| 93.RD       |                  | 62,211               | U. S. Department of Health and Human Services | 10062149-01-UNC            | University of Utah                              | A22-1100-001                 |
| 93.RD       |                  | 63,065               | U. S. Department of Health and Human Services | 108078                     | Southern Research Institute                     | A22-1522-001                 |
| 93.RD       |                  | 145,576              | U. S. Department of Health and Human Services | 1188-UNC-2000-01           | Manpower Demonstration Research Corporat        | A23-0224-001                 |
| 93.RD       |                  | 102,140              | U. S. Department of Health and Human Services | 1214-45121-11000000428     | Wake Forest University Health Sciences          | A22-0644-001                 |
| 93.RD       |                  | 117,626              | U. S. Department of Health and Human Services | 1214-45121-11000001492     | Wake Forest University Health Sciences          | A22-0644-003                 |
| 93.RD       |                  | 29,770               | U. S. Department of Health and Human Services | 1557 P ZA399               | University of California at Los Angeles         | A22-0661-001                 |
| 93.RD       |                  | 77                   | U. S. Department of Health and Human Services | 1557 P ZA401               | University of California at Los Angeles         | A22-0906-001                 |
| 93.RD       |                  | 29,001               | U. S. Department of Health and Human Services | 16-2910/PO2000005316       | University of South Carolina (USC)              | A16-1915-001                 |
| 93.RD       |                  | 11,482               | U. S. Department of Health and Human Services | 17049.UNC.01               | Child Trends                                    | A22-1035-001                 |
| 93.RD       |                  | 3,567                | U. S. Department of Health and Human Services | 17184.UNC.01               | Child Trends                                    | A22-1036-001                 |
| 93.RD       |                  | 105,151              | U. S. Department of Health and Human Services | 17X011                     | Leidos Biomedical Research                      | A17-1423-001                 |
| 93.RD       |                  | 12,852               | U. S. Department of Health and Human Services | 17X011 TASK ORDER 7        | Leidos Biomedical Research                      | A17-1423-019                 |
| 93.RD       |                  | 6,159                | U. S. Department of Health and Human Services | 17X011F8                   | Leidos Biomedical Research                      | A17-1423-025                 |
| 93.RD       |                  | (419)                | U. S. Department of Health and Human Services | 19-312-0214780-65388       | Research Triangle Institute (RTI International) | A19-0585-001                 |
| 93.RD       |                  | 6,927                | U. S. Department of Health and Human Services | 2-312-0216363-65862L       | Research Triangle Institute (RTI International) | A20-1318-001                 |
| 93.RD       |                  | 119,211              | U. S. Department of Health and Human Services | 2-312-0217290-66216L       | Research Triangle Institute (RTI International) | A21-0873-001                 |
| 93.RD       |                  | 22,754               | U. S. Department of Health and Human Services | 2-312-0217290-66216L       | Research Triangle Institute (RTI International) | A21-0873-003                 |
| 93.RD       |                  | 7,155                | U. S. Department of Health and Human Services | 2-312-0217290-66216L       | Research Triangle Institute (RTI International) | A21-0873-004                 |
| 93.RD       |                  | 236,367              | U. S. Department of Health and Human Services | 2-312-0217290-66216L       | Research Triangle Institute (RTI International) | A21-0873-005                 |
| 93.RD       |                  | 9,605                | U. S. Department of Health and Human Services | 2-312-0217886-66432L       | Research Triangle Institute (RTI International) | A21-1581-002                 |
| 93.RD       |                  | 78,351               | U. S. Department of Health and Human Services | 2-312-0218272-66675L       | Research Triangle Institute (RTI International) | A22-1369-001                 |
| 93.RD       |                  | 164,383              | U. S. Department of Health and Human Services | 2005480097                 | Johns Hopkins University                        | A22-1304-001                 |
| 93.RD       |                  | 6,303                | U. S. Department of Health and Human Services | 2022-0010                  | Connecticut Department of Public Health         | A22-0440-001                 |
| 93.RD       |                  | 3,528                | U. S. Department of Health and Human Services | 2033764                    | Duke University Medical Center                  | A14-1311-001                 |
| 93.RD       |                  | (843)                | U. S. Department of Health and Human Services | 2038152                    | Duke University                                 | A16-1108-001                 |
| 93.RD       |                  | 52,559               | U. S. Department of Health and Human Services | 204604UNC                  | University of Notre Dame                        | A23-0612-001                 |
| 93.RD       |                  | 2,030                | U. S. Department of Health and Human Services | 218092                     | Duke University                                 | A17-1711-001                 |
| 93.RD       |                  | 338,325              | U. S. Department of Health and Human Services | 21X222                     | Leidos Biomedical Research                      | A22-1023-001                 |
| 93.RD       |                  | 18,599               | U. S. Department of Health and Human Services | 23-2181                    | Georgia State University                        | A23-1149-001                 |
| 93.RD       |                  | 20                   | U. S. Department of Health and Human Services | 250543                     | Duke University                                 | A20-1309-001                 |
| 93.RD       |                  | (23,963)             | U. S. Department of Health and Human Services | 27-312-0214643-65684L      | Research Triangle Institute (RTI International) | A20-0541-001                 |
| 93.RD       |                  | 7,044                | U. S. Department of Health and Human Services | 283-4199                   | Duke University                                 | A21-1704-001                 |
| 93.RD       |                  | 2,726                | U. S. Department of Health and Human Services | 283-4199                   | Duke University                                 | A21-1704-002                 |
| 93.RD       |                  | 14,856               | U. S. Department of Health and Human Services | 30029-03-187-367           | La Jolla Institute for Allergy and Immunology   | A20-1046-004                 |
| 93.RD       |                  | 995                  | U. S. Department of Health and Human Services | 303000388                  | Duke University                                 | A21-1611-002                 |
| 93.RD       |                  | 3,111                | U. S. Department of Health and Human Services | 303000769                  | Duke University                                 | A22-1644-001                 |
| 93.RD       |                  | 3,918                | U. S. Department of Health and Human Services | 303000868                  | Duke University                                 | A22-1772-001                 |
| 93.RD       |                  | 137,337              | U. S. Department of Health and Human Services | 303001267                  | Duke University                                 | A23-0799-001                 |
| 93.RD       |                  | 50,433               | U. S. Department of Health and Human Services | 303001269                  | Duke University Clinical Research Institute     | A20-0966-005                 |
| 93.RD       |                  | 95,912               | U. S. Department of Health and Human Services | 303001385                  | Duke University                                 | A23-0605-001                 |
| 93.RD       |                  | 45,866               | U. S. Department of Health and Human Services | 303001527                  | Duke University                                 | A23-0767-001                 |
| 93.RD       |                  | (1,367)              | U. S. Department of Health and Human Services | 383-4542                   | Duke University                                 | A13-1022-001                 |
| 93.RD       |                  | 94,950               | U. S. Department of Health and Human Services | 383000391                  | Duke University                                 | A22-1566-001                 |
| 93.RD       |                  | 9,082                | U. S. Department of Health and Human Services | 383000393                  | Duke University                                 | A22-1764-001                 |
| 93.RD       |                  | 18,060               | U. S. Department of Health and Human Services | 418-45116-11000000630      | Wake Forest University                          | A21-0543-003                 |
| 93.RD       |                  | 41,388               | U. S. Department of Health and Human Services | 418-45116-11000000630      | Wake Forest University                          | A21-0543-005                 |
| 93.RD       |                  | 6,446                | U. S. Department of Health and Human Services | 430429                     | University of Arizona                           | A17-1737-001                 |
| 93.RD       |                  | (13,194)             | U. S. Department of Health and Human Services | 44774/43775-2              | Abt Associates, Inc.                            | A15-1524-001                 |
| 93.RD       |                  | 68,063               | U. S. Department of Health and Human Services | 50514X06832                | Mathematica, Inc                                | A21-0852-001                 |
| 93.RD       |                  | 442,886              | U. S. Department of Health and Human Services | 51872                      | Abt Associates, Inc.                            | A21-0879-001                 |
| 93.RD       |                  | 7                    | U. S. Department of Health and Human Services | 582751                     | University of Pennsylvania Board of Trus        | A22-0905-001                 |
| 93.RD       |                  | 97,483               | U. S. Department of Health and Human Services | 6-312-0217597-66849L       | Research Triangle Institute (RTI International) | A22-0863-001                 |
| 93.RD       |                  | 8,854                | U. S. Department of Health and Human Services | 62456188-184638            | Leland Stanford Junior University (LSJU)        | A21-1596-001                 |

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Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                             | Pass-Through Entity Number   | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---|--|---|------------------------------|
| 93.RD       | I                | 1,828                | U. S. Department of Health and Human Services | 632369   | Jackson State University                        | A13-1570-001                 |
| 93.RD       | I                | 3,524                | U. S. Department of Health and Human Services | 6473-S07   | Westat, Inc.                                    | A19-1646-003                 |
| 93.RD       | I                | (4,594)              | U. S. Department of Health and Human Services | 66102700414-04UNC-GA   | University of Mississippi Medical Center        | A13-1564-004                 |
| 93.RD       | I                | 822,040              | U. S. Department of Health and Human Services | 6922-03-COVID-S010   | Westat, Inc.                                    | A22-0652-001                 |
| 93.RD       | I                | 26,476               | U. S. Department of Health and Human Services | 710-7147144  | Miriam Hospital                                 | A20-1210-003                 |
| 93.RD       | I                | 49,088               | U. S. Department of Health and Human Services | 75D30120C07725 Subco   | Children's Hospital Boston                      | A20-1537-001                 |
| 93.RD       | I                | 7,787                | U. S. Department of Health and Human Services | 75N94022F00001   | Essex Management                                | A23-0575-001                 |
| 93.RD       | I                | 35,653               | U. S. Department of Health and Human Services | 862-03/PO 003269   | National Association of Community Health        | A22-1155-001                 |
| 93.RD       | I                | 162,818              | U. S. Department of Health and Human Services | 862-04/PO# 003504  | National Association of Community Health        | A22-1155-003                 |
| 93.RD       | I                | 11,657               | U. S. Department of Health and Human Services | 888-11-16-04/1-312-0   | Research Triangle Institute (RTI International) | A13-1333-001                 |
| 93.RD       | I                | 292                  | U. S. Department of Health and Human Services | A032030  | Duke University                                 | A18-0620-003                 |
| 93.RD       | I                | 49,420               | U. S. Department of Health and Human Services | A032674  | Duke University                                 | A20-0947-001                 |
| 93.RD       | I                | 135,611              | U. S. Department of Health and Human Services | A034208  | Duke University                                 | A21-1798-001                 |
| 93.RD       | I                | 11,079               | U. S. Department of Health and Human Services | A035526 243698/2708  | Duke University Clinical Research Institute     | A20-0966-004                 |
| 93.RD       | I                | 7,735                | U. S. Department of Health and Human Services | AR04879/ 000003308   | Public Health Institute                         | A22-1454-001                 |
| 93.RD       | I                | 42,298               | U. S. Department of Health and Human Services | Alliance Prime e1PF  | Alliance NCTN Foundation                        | A19-1481-001                 |
| 93.RD       | I                | 384                  | U. S. Department of Health and Human Services | BMT CTN 1507: Reduced Intensity Conditioning for Haploidentical Bone Marrow Transplantation in Patients with Symptomatic Sickle Cell Disease | National Marrow Donor Program                   | A19-1564-001                 |
| 93.RD       | I                | 33,014               | U. S. Department of Health and Human Services | BMT CTN 1702 - Clinical Transplant-Related Long-term Outcomes of Alternative Donor Allogeneic Transplantation                                | National Marrow Donor Program                   | A19-1752-001                 |
| 93.RD       | I                | 6,858                | U. S. Department of Health and Human Services | BMT CTN 1703/ 1801   | National Marrow Donor Program                   | A20-0535-001                 |
| 93.RD       | I                | (245,622)            | U. S. Department of Health and Human Services | Brigham and Women's Hospital Service Agreement --CALGB   | Brigham and Women's Hospital                    | A10-1773-001                 |
| 93.RD       | I                | 73,920               | U. S. Department of Health and Human Services | C2022016830  | Janssen Pharmaceutica NV                        | A23-0406-001                 |
| 93.RD       | I                | 96,870               | U. S. Department of Health and Human Services | COA#4 1022269_UNC  | Oregon Health and Science University            | A23-0887-001                 |
| 93.RD       | I                | 13,031               | U. S. Department of Health and Human Services | Coordinating Center for Drug Induced Liver Injury Network (DILIN)  | Duke University                                 | A19-1075-001                 |
| 93.RD       | I                | 1,990                | U. S. Department of Health and Human Services | Data and Statistical Coordinating Center (DSCC) for the Collaborative Islet Transplant Registry (CITR)                                       | EMMES Corporation                               | A18-1546-001                 |
| 93.RD       | I                | 587,565              | U. S. Department of Health and Human Services | EA1151   | ECOG-ACRIN Cancer Research Group                | A18-0567-001                 |
| 93.RD       | I                | (1,939)              | U. S. Department of Health and Human Services | EA4151   | ECOG-ACRIN Cancer Research Group                | A18-0655-001                 |
| 93.RD       | I                | 6,435                | U. S. Department of Health and Human Services | FY23.1135.002  | University of Colorado Denver                   | A22-0516-005                 |
| 93.RD       | I                | (12,523)             | U. S. Department of Health and Human Services | Foot Disorders, Pain and Physical Disability in Older Persons  | Hebrew Rehabilitation Center                    | A09-0530-001                 |
| 93.RD       | I                | 90,157               | U. S. Department of Health and Human Services | GENFD0002020423  | Children's Hospital Boston                      | A20-1690-001                 |
| 93.RD       | I                | 15,152               | U. S. Department of Health and Human Services | HHSN-23551801000031  | Duke University Clinical Research Institute     | A19-0998-001                 |
| 93.RD       | I                | (456)                | U. S. Department of Health and Human Services | HR1763 SUB0000341  | National Academy of Sciences                    | A13-1335-001                 |
| 93.RD       | I                | 89,870               | U. S. Department of Health and Human Services | High-throughput latent HIV reservoir assay using microwell arrays  | Cell Microsystems, Inc.                         | A18-1480-002                 |
| 93.RD       | I                | 92,149               | U. S. Department of Health and Human Services | Immune-Based Antiviral Products for Suppression/ Elimination of HIV-1  | MacroGenics, Inc.                               | A16-1013-001                 |
| 93.RD       | I                | 147,494              | U. S. Department of Health and Human Services | MGD020-01  | MacroGenics, Inc.                               | A22-1484-001                 |
| 93.RD       | I                | (77)                 | U. S. Department of Health and Human Services | Modifiers of FMR I-associated disorders: application of high throughput technologies   | Emory University (EU)                           | A17-0837-001                 |
| 93.RD       | I                | 941                  | U. S. Department of Health and Human Services | OLGA OPTION 1-NIDCR (Omics Latinos (OLa) - Genetic Analysis)   | University of Washington                        | A14-1383-001                 |
| 93.RD       | I                | (1,662)              | U. S. Department of Health and Human Services | PHR-SSS-S-15-004303  | Social and Scientific Systems (S3), Inc.        | A15-1086-001                 |
| 93.RD       | I                | (660)                | U. S. Department of Health and Human Services | PHR-SSS-S-15-004492  | Social and Scientific Systems (S3), Inc.        | A15-1421-001                 |
| 93.RD       | I                | 84,096               | U. S. Department of Health and Human Services | PO 430429  | University of Arizona                           | A17-1739-001                 |
| 93.RD       | I                | 4,046                | U. S. Department of Health and Human Services | PO 52040L/ 49-312-02   | Research Triangle Institute (RTI International) | A15-1115-001                 |
| 93.RD       | I                | 100,321              | U. S. Department of Health and Human Services | SA0003170  | University of Texas at Houston Health           | A22-1689-001                 |
| 93.RD       | I                | (1,079)              | U. S. Department of Health and Human Services | SBIR--Electric-Assist Bicycle for Commuting and Exercise   | Intellispeak LLC                                | A10-0714-001                 |
| 93.RD       | I                | 36,848               | U. S. Department of Health and Human Services | SBIR-Chemenzymatic synthesis of heparan sulfate oligosaccharides   | Glycan Therapeutics, Inc.                       | A14-1223-001                 |
| 93.RD       | I                | 25,000               | U. S. Department of Health and Human Services | SP00015121   | Georgia State University                        | A22-1007-001                 |
| 93.RD       | I                | 21,775               | U. S. Department of Health and Human Services | SP14257-SB16   | University of Mississippi Medical Center        | A22-1713-001                 |
| 93.RD       | I                | 25,288               | U. S. Department of Health and Human Services | SP14542-SB16   | University of Mississippi Medical Center        | A22-1713-002                 |
| 93.RD       | I                | 44,727               | U. S. Department of Health and Human Services | SUB00002146-3A   | University of Georgia Research Foundation       | A20-1694-001                 |
| 93.RD       | I                | 206,181              | U. S. Department of Health and Human Services | SUB00002146-4A   | University of Georgia Research Foundation       | A20-1706-001                 |
| 93.RD       | I                | 448,523              | U. S. Department of Health and Human Services | Site 131   | Duke University                                 | A21-0515-001                 |
| 93.RD       | I                | 13,842               | U. S. Department of Health and Human Services | THE-269895   | Mayo Clinic in Rochester                        | A21-0256-001                 |
| 93.RD       | I                | 10,614               | U. S. Department of Health and Human Services | TUL-HSC-560769-22/23   | Tulane University                               | A22-1747-001                 |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title                                   | Pass-Through Entity Number                       | Pass-Through Entity Name                        | Additional Award Information |
|-------------|------------------|----------------------|---|--|---|------------------------------|
| 93.RD       | I                | (15,142)             | U. S. Department of Health and Human Services       | The Insulin-Only Bionic Pancreas Trials          | Jaeb Center for Health Research Foundation      | A20-1413-001                 |
| 93.RD       | I                | 65                   | U. S. Department of Health and Human Services       | UWSC7547/ 758997                                 | University of Washington                        | A15-1126-001                 |
| 93.RD       | I                | 307,127              | U. S. Department of Health and Human Services       | VUMC 94410                                       | Vanderbilt University                           | A22-0391-001                 |
| 93.RD       | I                | 30,315               | U. S. Department of Health and Human Services       | WO1036 PH000714T                                 | Harvard Pilgrim Health Care                     | A22-1683-001                 |
| 94.006      | I                | 58,577               | AmeriCorps  | ASUB00001169                                     | Arizona State University                        |                              |
| 97.044      | D                | 806                  | Assistance to Firefighters Grant                    |  |   |                              |
| 97.061      | D                | 4,415,677            | Centers for Homeland Security                       |  |   |                              |
| 97.RD       | D                | 15,699               | U. S. Department of Homeland Security               |  |   | A14-1394-001                 |
| 97.RD       | D                | 2                    | U. S. Department of Homeland Security               |  |   | A17-0419-003                 |
| 97.RD       | D                | 125,830              | U. S. Department of Homeland Security               |  |   | A23-0549-001                 |
| 97.RD       | I                | 633                  | U. S. Department of Homeland Security               | 12-DHS-1035                                      | Duke University                                 | A11-1526-001                 |
| 98.001      | D                | 13,101,164           | USAID Foreign Assistance for Programs Overseas      |  |   |                              |
| 98.001      | I                | 14                   | USAID Foreign Assistance for Programs Overseas      | 107385   | United States Pharmacopeia Convention           |                              |
| 98.001      | I                | 10,244               | USAID Foreign Assistance for Programs Overseas      | 108738   | United States Pharmacopeia Convention           |                              |
| 98.001      | I                | 1,042                | USAID Foreign Assistance for Programs Overseas      | 12-330-0212555-52302                             | Research Triangle Institute (RTI International) |                              |
| 98.001      | I                | 98,629               | USAID Foreign Assistance for Programs Overseas      | ENS-20-004                                       | Eastern Virginia Medical School                 |                              |
| 98.001      | I                | 1,429                | USAID Foreign Assistance for Programs Overseas      | M143P33S02-03-02                                 | Centre for Infectious Disease Research          |                              |
| 98.RD       | D                | (1,767)              | U. S. Agency for International Development          |  |   | A09-0394-001                 |
| 98.RD       | D                | (277)                | U. S. Agency for International Development          |  |   | A14-1017-001                 |
| 98.RD       | D                | 9,421,875            | U. S. Agency for International Development          |  |   | A19-0401-001                 |
| 98.RD       | D                | 11,877,924           | U. S. Agency for International Development          |  |   | A19-1439-001                 |
| 98.RD       | I                | 16,931               | U. S. Agency for International Development          | 219U   | Task Force for Global Health                    | A20-1688-001                 |
| 98.RD       | I                | (850)                | U. S. Agency for International Development          | 5305/2001208292                                  | Johns Hopkins University                        | A11-1200-001                 |
| 98.RD       | I                | 25,508               | U. S. Agency for International Development          | 800-3UNC   | Making Cents International                      | A23-0706-001                 |
| 98.RD       | I                | (954)                | U. S. Agency for International Development          | KHULISA/USAID/SUN-LE                             | Khulisa Management Services                     | A19-1660-004                 |
| 98.RD       | I                | 88,491               | U. S. Agency for International Development          | KHULISA/USAID/SUN-LE/UNC/                        | Khulisa Management Services                     | A19-1660-006                 |
| 98.RD       | I                | (1,759)              | U. S. Agency for International Development          | PPC-11-119                                       | Eastern Virginia Medical School                 | A11-1478-001                 |
| 98.RD       | I                | (6,061)              | U. S. Agency for International Development          | Right to Care - Adolescent Project               | Right to Care                                   | A17-0775-001                 |
| 98.RD       | I                | (7,824)              | U. S. Agency for International Development          | Right to Care Cervical Cancer Prevention Program | Right to Care                                   | A15-0657-002                 |
| 98.RD       | I                | 532,185              | U. S. Agency for International Development          | SCON-10000738                                    | National Academy of Sciences                    | A19-1129-001                 |
| 98.RD       | I                | (4,305)              | U. S. Agency for International Development          | UNC001   | Witkoppen Health and Welfare Center             | A13-0976-001                 |
| 98.RD       | I                | 362                  | U. S. Agency for International Development          | USAID-AN-149                                     | JSI Research and Training Institute, Inc        | A21-1284-001                 |
| 98.RD       | I                | 35,376               | U. S. Agency for International Development          | USAID-AN-248                                     | JSI Research and Training Institute, Inc        | A22-1207-001                 |
| 98.RD       | I                | 4,735                | U. S. Agency for International Development          | USAID/SUN-LE/UN/001/18                           | Khulisa Management Services                     | A19-1660-009                 |
|             |                  | <u>1,094,631,656</u> | Total - University of North Carolina at Chapel Hill |  |   |                              |

**University of North Carolina at Charlotte**

|        |   |         |  |                          |   |                                     |
|--------|---|---------|--|--------------------------|---|-------------------------------------|
| 10.001 | D | 105,302 | Agricultural Research Basic and Applied Research                 |                          |   |                                     |
| 10.868 | D | 18,589  | Rural Energy for America Program                                 |                          |   |                                     |
| 11.024 | D | 4,620   | BUILD TO SCALE   |                          |   |                                     |
| 11.307 | I | 7,128   | Economic Adjustment Assistance                                   | Executed 12-10-2021      | E4Carolinas Inc                                 |                                     |
| 11.468 | I | 56,711  | Applied Meteorological Research                                  | NA19NWS4680003           | National Oceanic and Atmospheric Administration |                                     |
| 11.609 | D | 37,558  | Measurement and Engineering Research and Standards               |                          |   |                                     |
| 11.620 | D | 28,599  | Science, Technology, Business and/or Education Outreach          |                          |   |                                     |
| 12.300 | D | 477,089 | Basic and Applied Scientific Research                            |                          |   |                                     |
| 12.300 | I | 54,516  | Basic and Applied Scientific Research                            | 1141338-445302           | Carnegie Mellon University                      |                                     |
| 12.300 | I | 56,490  | Basic and Applied Scientific Research                            | 2206-202-2023940         | Clemson University                              |                                     |
| 12.300 | I | 31,089  | Basic and Applied Scientific Research                            | 2975-20-0904             | IRflex Corporation                              |                                     |
| 12.300 | I | 19,204  | Basic and Applied Scientific Research                            | 3200004393-22-089        | University of Kentucky Research Foundation      |                                     |
| 12.300 | I | 67,505  | Basic and Applied Scientific Research                            | A20-1301-S001            | University of Tennessee                         |                                     |
| 12.420 | D | 465,291 | Military Medical Research and Development                        |                          |   |                                     |
| 12.431 | D | 426,012 | Basic Scientific Research  |                          |   |                                     |
| 12.630 | D | 182,056 | Basic, Applied, and Advanced Research in Science and Engineering |                          |   |                                     |
| 12.630 | I | 1,010   | Basic, Applied, and Advanced Research in Science and Engineering | 20-871-107 & 20-871-108  | National Science Teachers Association           |                                     |
| 12.630 | I | 71,495  | Basic, Applied, and Advanced Research in Science and Engineering | 586938                   | Trustees of the University of Pennsylvania      |                                     |
| 12.800 | D | 227,668 | Air Force Defense Research Sciences Program                      |                          |   |                                     |
| 12.800 | I | 83,829  | Air Force Defense Research Sciences Program                      | A21-0146-S001 (P0298340) | Rensselaer Polytechnic Institute                |                                     |
| 12.902 | D | 71,695  | Information Security Grants                                      |                          |   |                                     |
| 12.903 | D | 40,710  | GenCyber Grants Program  |                          |   |                                     |
| 12.905 | I | 298,066 | CyberSecurity Core Curriculum                                    | 13000952-034             | Purdue University                               |                                     |
| 12.U11 | D | 183,963 | U. S. Department of Defense                                      |                          |   | Passive Samplers for Per-- and Poly |
| 12.U12 | D | 500     | U. S. Department of Defense                                      |                          |   | UNCC GenCyber: Promoting GenCyber   |
| 12.U13 | D | 63      | U. S. Department of Defense                                      |                          |   | Musculoskeletal Injury, Mental Heal |
| 12.U14 | D | 85,627  | U. S. Department of Defense                                      |                          |   | UNC Charlotte Intelligence Com      |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number           | Pass-Through Entity Name                          | Additional Award Information        |
|-------------|------------------|----------------------|--|--------------------------------------|---|-------------------------------------|
| 12.U15      | D                | 660                  | U. S. Department of Defense  |                                      |   | UNC Charlotte Intelligence Com      |
| 12.U16      | D                | 163,583              | U. S. Department of Defense  |                                      |   | UNC Charlotte Intelligence Com      |
| 12.U17      | D                | 55,840               | U. S. Department of Defense  |                                      |   | UNC Charlotte Intelligence Com      |
| 12.U18      | D                | 30,412               | U. S. Department of Defense  |                                      |   | Transcending Chu Limits             |
| 12.U19      | D                | 143,357              | U. S. Department of Defense  |                                      |   | Tactical Energy Converter           |
| 12.U20      | D                | 3,816                | U. S. Department of Defense  |                                      |   | PFAS chemical degradation           |
| 12.U21      | I                | 16,198               | U. S. Department of Defense  | US001-0000753894                     | Battelle Memorial Institute                       | NC Strategic Partnership            |
| 12.U22      | I                | 79,139               | U. S. Department of Defense  | 2975-20-0246                         | Nanohmics, Inc.                                   | STTR: STTR Phase II: IR Scatter     |
| 12.U23      | I                | 57,091               | U. S. Department of Defense  | S20-1014                             | MZA Associates Corporation                        | SBIR: Semi-Analytic Phase II        |
| 12.U24      | I                | 3,156                | U. S. Department of Defense  | 2021-09                              | MxD USA   | Development of Manufacturing Equip  |
| 12.U25      | I                | 30,168               | U. S. Department of Defense  | GS.1403.012.UNCC.21.01               | TDA Research, Inc.                                | Testis preservation                 |
| 12.U26      | I                | 39,150               | U. S. Department of Defense  | SPF1160215                           | Allion Science and Technology Corporation         | Development of CFD-based Data-drive |
| 12.U27      | I                | 28,942               | U. S. Department of Defense  | TSI-5026-21-20206311                 | Triton Systems, Inc.                              | SBIR: Real-time Muzzle Velocity     |
| 12.U28      | I                | 4,651                | U. S. Department of Defense  | US002-000839192                      | Battelle Memorial Institute                       | Army Outreach and Education Program |
| 12.U29      | I                | 134,520              | U. S. Department of Defense  | 598710-78050                         | Northeastern University                           | DeepShare for Concurrent Resilient  |
| 13.U01      | I                | 41,575               | U.S. Central Intelligence Agency   | Agreement Dated 04/10/23             | DEFENSEWERX                                       | Autonomous Systems and Robotic      |
| 15.560      | D                | 32,173               | SECURE Water Act – Research Agreements   |                                      |   |                                     |
| 15.820      | I                | 8,404                | National and Regional Climate Adaptation Science Centers                           | PO-0000188890                        | Louisiana State University                        |                                     |
| 16.560      | D                | 67,455               | National Institute of Justice Research, Evaluation, and Development Project Grants |                                      |   |                                     |
| 16.745      | I                | 6,907                | Criminal and Juvenile Justice and Mental Health Collaboration Program              | 2317-205-2024648                     | Clemson University                                |                                     |
| 16.830      | D                | 10,288               | Girls in the Juvenile Justice System   |                                      |   |                                     |
| 16.833      | I                | 1,313                | National Sexual Assault Kit Initiative   | PO#20006513-02                       | Charlotte Mecklenburg Police Dept                 |                                     |
| 17.502      | D                | 38,936               | Occupational Safety and Health Susan Harwood Training Grants                       |                                      |   |                                     |
| 19.015      | I                | 2,500                | Cultural, Technical and Educational Centers  | Small Grant Agreement March 2022     | The Hollings Center for International Dialogue    |                                     |
| 19.017      | D                | 45,417               | Environmental and Scientific Partnerships and Programs                             |                                      |   |                                     |
| 19.U01      | I                | 1,218                | U. S. Department of State  | 3000287550                           | Institute of International Education Inc          | Fulbright Pre-Academic Program      |
| 19.U02      | I                | 82                   | U. S. Department of State  | 3000287550                           | Institute of International Education Inc          | Fulbright Pre-Academic Program      |
| 20.200      | I                | 24,285               | Highway Research and Development Program   | 019859WO1A                           | Iowa State University                             |                                     |
| 20.200      | I                | 25,802               | Highway Research and Development Program   | 019859WO2A                           | Iowa State University                             |                                     |
| 20.701      | D                | 743,108              | University Transportation Centers Program  |                                      |   |                                     |
| 20.701      | I                | 155,733              | University Transportation Centers Program  | 21-1100-5726-UNCC                    | San Jose State University Research Foundation     |                                     |
| 20.U01      | D                | 133,497              | U. S. Department of Transportation   |                                      |   | Intelligent Wireless Power Transfer |
| 20.U02      | D                | 76,726               | U. S. Department of Transportation   |                                      |   | PEM for Airfield Pavements          |
| 20.U03      | I                | 110,686              | U. S. Department of Transportation   | 023063E                              | Iowa State University                             | QC QA for Airfield Pavements        |
| 21.027      | D                | 110,628              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                       |                                      |   |                                     |
| 43.001      | D                | 89,469               | Science  |                                      |   |                                     |
| 43.001      | I                | 59,175               | Science  | 1669077                              | Cal Tech/JPL                                      |                                     |
| 43.U02      | I                | 27,598               | U. S. National Aeronautics and Space Administration                                | 2975-2020-0570                       | OptiPro Systems LLC                               | Advance Nanometer Class CMM         |
| 43.U03      | I                | 18,843               | U. S. National Aeronautics and Space Administration                                | 190210-19-02-C1                      | ARCTOS Technology Solution                        | Implementation of Fringe Projection |
| 43.U04      | I                | 9,352                | U. S. National Aeronautics and Space Administration                                | 2975-2020-0571                       | OptiPro Systems LLC                               | CIP for Optical Metrology           |
| 43.U05      | I                | 8,557                | U. S. National Aeronautics and Space Administration                                | 2975-2019-0697                       | OptiPro Systems LLC                               | SBIR: Advanced NM Coordinate Metro  |
| 45.024      | D                | 11,163               | Promotion of the Arts Grants to Organizations and Individuals                      |                                      |   |                                     |
| 45.161      | I                | 22,870               | Promotion of the Humanities Research   | Award Accepted 03/11/2021            | Archaeological Institute of America               |                                     |
| 45.310      | I                | 23,876               | Grants to States   | 013222                               | State Library of Iowa                             |                                     |
| 45.U02      | I                | 4,468                | U. S. National Foundation on the Arts and the Humanities                           | Direct Award Letter Dated 02/18/2021 | Massachusetts Historical Society                  | Chinese-American Tea Trade in       |
| 47.041      | D                | 2,138,032            | Engineering  |                                      |   |                                     |
| 47.041      | I                | 70,729               | Engineering  | 1919233                              | National Science Foundation                       |                                     |
| 47.041      | I                | 62,729               | Engineering  | 21-0267                              | Light and Charge Solutions LLC                    |                                     |
| 47.041      | I                | 26,018               | Engineering  | 2975-2021-0096                       | NeuroDyne, Inc.                                   |                                     |
| 47.041      | I                | 3,629                | Engineering  | 417462/URFAO:GR5106330               | University of Rochester                           |                                     |
| 47.041      | I                | 1,732                | Engineering  | 417463/URFAO: GR510865               | University of Rochester                           |                                     |
| 47.041      | I                | 35,333               | Engineering  | 417464 / URFAO: GR106866             | University of Rochester                           |                                     |
| 47.041      | I                | 12,711               | Engineering  | 417465 / URFAO: GR5106867            | University of Rochester                           |                                     |
| 47.041      | I                | 39,708               | Engineering  | 417872 / URFAO: GR51146              | University of Rochester                           |                                     |
| 47.041      | I                | 7,543                | Engineering  | AGT-21-00029                         | Smart Girls HQ LLC                                |                                     |
| 47.041      | I                | 98,493               | Engineering  | AGT-22-00270 - 2136728               | ArchAIC, LLC                                      |                                     |
| 47.041      | I                | 59,873               | Engineering  | SUB00000215/URFAO: GR532142          | University of Rochester                           |                                     |
| 47.041      | I                | 11,500               | Engineering  | SUB00000225 / URFAO: GR531857        | University of Rochester                           |                                     |
| 47.041      | I                | 2,483                | Engineering  | SUB00000228 / URFAO: GR531859        | University of Rochester                           |                                     |
| 47.049      | D                | 796,994              | Mathematical and Physical Sciences   |                                      |   |                                     |
| 47.049      | I                | 68,941               | Mathematical and Physical Sciences   | UTAUS-SUB00000042                    | University of Texas at Austin                     |                                     |
| 47.050      | D                | 294,277              | Geosciences  |                                      |   |                                     |
| 47.070      | D                | 3,100,474            | Computer and Information Science and Engineering                                   |                                      |   |                                     |
| 47.070      | I                | 7,595                | Computer and Information Science and Engineering                                   | Agreement No. ULRF 18-1153           | University of Louisville Research Foundation, Inc |                                     |

State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number   | Pass-Through Entity Name                            | Additional Award Information        |
|-------------|------------------|----------------------|--|------------------------------|---|-------------------------------------|
| 47.070      | I                | 13,080               | Computer and Information Science and Engineering   | UT20888 (PO #333-31907-2-US) | Ohio University                                     |                                     |
| 47.074      | D                | 814,818              | Biological Sciences  |                              |   |                                     |
| 47.074      | I                | 58,117               | Biological Sciences  | 00001544                     | Brown University                                    |                                     |
| 47.074      | I                | 108,552              | Biological Sciences  | 99797-Z3239201               | University of Maryland                              |                                     |
| 47.075      | D                | 647,958              | Social, Behavioral, and Economic Sciences  |                              |   |                                     |
| 47.075      | I                | 467                  | Social, Behavioral, and Economic Sciences  | 579865                       | University of Pennsylvania                          |                                     |
| 47.075      | I                | 7,328                | Social, Behavioral, and Economic Sciences  | S001459-NSF                  | Pennsylvania State University                       |                                     |
| 47.076      | D                | 3,365,014            | Education and Human Resources  |                              |   |                                     |
| 47.076      | I                | 33,843               | Education and Human Resources  | 18-0072                      | University of Arizona                               |                                     |
| 47.079      | D                | 48,867               | Office of International Science and Engineering  |                              |   |                                     |
| 47.083      | D                | 27,675               | Integrative Activities   |                              |   |                                     |
| 47.083      | I                | 75,014               | Integrative Activities   | 60057072UNCC                 | Northwestern University                             |                                     |
| 47.084      | D                | 125,744              | NSF Technology, Innovation, and Partnerships   |                              |   |                                     |
| 47.U03      | D                | 11,025               | U. S. National Science Foundation  |                              |   | Support for student teams to        |
| 47.U04      | D                | 15,702               | U. S. National Science Foundation  |                              |   | WLS                                 |
| 47.U05      | D                | 96,579               | U. S. National Science Foundation  |                              |   | IPA-Program Director                |
| 47.U06      | D                | 1,600                | U. S. National Science Foundation  |                              |   | Discipline and EOCs                 |
| 47.U07      | I                | 10,314               | U. S. National Science Foundation  | 417686/URFAO: GR511017       | University of Rochester                             | Freeform Optics Metrology Round     |
| 47.U08      | I                | 4,837                | U. S. National Science Foundation  | 417685/URFAO: GR511016       | University of Rochester                             | Freeform Lens Arrays Phase II       |
| 47.U09      | I                | 27,813               | U. S. National Science Foundation  | 2131 PO#25088597             | Rutgers The State University                        | Non-Degree Data Infrastructure      |
| 47.U10      | I                | 22,723               | U. S. National Science Foundation  | 997728                       | New Jersey Institute of Technology                  | AirEdge                             |
| 59.037      | I                | 411,356              | Small Business Development Centers   | AWD-IPF2022-0956             | Small Business and Technology Development Center    |                                     |
| 59.037      | I                | 44,306               | Small Business Development Centers   | BPM 2021-3                   | Small Business and Technology Development Center    |                                     |
| 59.037      | I                | 845                  | Small Business Development Centers   | UNC-C 2021-4 (SBA)           | Small Business and Technology Development Center    |                                     |
| 64.U03      | D                | 10,800               | U. S. Department of Veterans Affairs   |                              |   | Expanding PRIDE                     |
| 66.516      | D                | 60,160               | P3 Award: National Student Design Competition for Sustainability   |                              |   |                                     |
| 66.U03      | D                | 5,663                | U. S. Environmental Protection Agency  |                              |   | AOF method validation               |
| 81.008      | D                | 40,973               | Cybersecurity, Energy Security & Emergency Response (CESER)  |                              |   |                                     |
| 81.057      | D                | 140,824              | University Coal Research   |                              |   |                                     |
| 81.086      | D                | 263,495              | Conservation Research and Development  |                              |   |                                     |
| 81.086      | I                | 128,569              | Conservation Research and Development  | 10566-UNC                    | Western Michigan University                         |                                     |
| 81.087      | D                | 1,339,978            | Renewable Energy Research and Development  |                              |   |                                     |
| 81.087      | I                | 25,847               | Renewable Energy Research and Development  | AGT-22-00121 (DE-EE0009333)  | Silicon Valley Material Technology, LLC             |                                     |
| 81.087      | I                | 73,007               | Renewable Energy Research and Development  | AGT-22-00193                 | Bert Thin Films LLC                                 |                                     |
| 81.087      | I                | 6,544                | Renewable Energy Research and Development  | AWD-002368-G1                | Georgia Institute of Technology                     |                                     |
| 81.089      | D                | 474,524              | Fossil Energy Research and Development   |                              |   |                                     |
| 81.117      | D                | 228,216              | Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance |                              |   |                                     |
| 81.U02      | D                | 4,769                | U. S. Department of Energy   |                              |   | CAPER - Federal Memberships         |
| 81.U03      | D                | 52,562               | U. S. Department of Energy   |                              |   | CAPER - Federal Memberships         |
| 81.U04      | D                | 55,410               | U. S. Department of Energy   |                              |   | Defect detection workflow           |
| 81.U05      | I                | 86,565               | U. S. Department of Energy   | SUB-2020-10292               | Alliance for Sustainable Energy LLC                 | Building BTM Devices and Support    |
| 81.U06      | I                | 107,882              | U. S. Department of Energy   | 4000181603/4000192649        | UT-Battelle, LLC                                    | Intelligent Power Stages            |
| 81.U07      | I                | 39,919               | U. S. Department of Energy   | TO 4300166142                | Consolidated Nuclear Security, LLC                  | SAM Task Order GFY21                |
| 81.U08      | I                | 3,612                | U. S. Department of Energy   | PO 2205172                   | Sandia National Laboratories                        | Radialene Radicals as Tunable Activ |
| 81.U09      | I                | 13,519               | U. S. Department of Energy   | 2975-2020-0074               | Osazda Energy, LLC                                  | Low-Cost, Crack-Tolerant, Screen-Pr |
| 81.U10      | I                | 3,600                | U. S. Department of Energy   | PO US001-0000824363          | Battelle Memorial Institute                         | Organic Fluorine Analysis for Water |
| 81.U11      | I                | 461,271              | U. S. Department of Energy   | 4000193622                   | Oak Ridge National Laboratory                       | Design and Control of Advanced Mach |
| 81.U12      | I                | 125,770              | U. S. Department of Energy   | PO N000425367                | Honeywell Federal Manufacturing & Technologies, LLC | Enhanced Optical Measurement Techno |
| 81.U13      | I                | 613,200              | U. S. Department of Energy   | 10014917                     | Electric Power Research Institute EPRI              | UNCC Support for GE Hitachi NRIC    |
| 81.U14      | I                | 35,593               | U. S. Department of Energy   | 651754                       | Dept of Energy                                      | DOE CCS                             |
| 81.U15      | I                | 155,330              | U. S. Department of Energy   | C3147                        | Triad National Security, LLC                        | Securing Amer Manufact GFY23        |
| 81.U16      | I                | 12,801               | U. S. Department of Energy   | PO2441605                    | Sandia National Laboratories                        | DOE Sandia NARFB                    |
| 84.007      | D                | 1,192,399            | Federal Supplemental Educational Opportunity Grants  |                              |   |                                     |
| 84.033      | D                | 1,282,943            | Federal Work-Study Program   |                              |   |                                     |
| 84.063      | D                | 43,377,210           | Federal Pell Grant Program   |                              |   |                                     |
| 84.200      | D                | 129,451              | Graduate Assistance in Areas of National Need  |                              |   |                                     |
| 84.268      | D                | 109,182,562          | Federal Direct Student Loans   |                              |   |                                     |
| 84.305      | I                | 1,866                | Education Research, Development and Dissemination  | Agmt dated 02/20/2017        | Assoc of Public and Land Grant Universities APLU    |                                     |
| 84.324      | D                | 295,941              | Research in Special Education  |                              |   |                                     |
| 84.324      | I                | 42,712               | Research in Special Education  | 362596                       | University of Connecticut                           |                                     |
| 84.324      | I                | 128,054              | Research in Special Education  | FY2018-077                   | University of Kansas                                |                                     |
| 84.324      | I                | 81,515               | Research in Special Education  | FY2019-013                   | University of Kansas Center for Research Inc        |                                     |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name                          | Additional Award Information       |
|-------------|------------------|----------------------|--|----------------------------|---|------------------------------------|
| 84.325      | D                | 764,060              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                           |                            |   |                                    |
| 84.326      | D                | 4,283,095            | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities            |                            |   |                                    |
| 84.326      | I                | 186,503              | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities            | A006557004                 | University of Minnesota                           |                                    |
| 84.327      | I                | 85,979               | Special Education Educational Technology Media, and Materials for Individuals with Disabilities                                    | PM00896810                 | Georgia State University                          |                                    |
| 84.336      | D                | 570,079              | Teacher Quality Partnership Grants   |                            |   |                                    |
| 84.373      | I                | 61,689               | Special Education Technical Assistance on State Data Collection  | 6738-S-008                 | WESTAT  |                                    |
| 84.425F     | D                | 5,914,701            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                 |                            |   |                                    |
| 84.425M     | D                | 34                   | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)  |                            |   |                                    |
| 84.U04      | I                | 262,521              | U. S. Department of Education  | 04898                      | American Institutes for Research                  | NTACT/AIR Collaboration to Improve |
| 93.070      | I                | 37,565               | Environmental Public Health and Emergency Response   | AWD-IPF2022-0913           | Gaston County Department of Health                |                                    |
| 93.084      | D                | 135,513              | Prevention of Disease, Disability, and Death by Infectious Diseases  |                            |   |                                    |
| 93.088      | D                | 35,104               | Advancing System Improvements for Key Issues in Women's Health   |                            |   |                                    |
| 93.088      | I                | 28,690               | Advancing System Improvements for Key Issues in Women's Health   | PO #7800006365             | University of Kentucky Research Foundation        |                                    |
| 93.110      | I                | 14,230               | Maternal and Child Health Federal Consolidated Programs  | 22-4865                    | University of South Carolina                      |                                    |
| 93.113      | D                | 155,795              | Environmental Health   |                            |   |                                    |
| 93.113      | I                | 675,657              | Environmental Health   | 2-340-0127136-65711L       | RTI International                                 |                                    |
| 93.124      | D                | 22,708               | Nurse Anesthetist Traineeship  |                            |   |                                    |
| 93.136      | D                | 18,414               | Injury Prevention and Control Research and State and Community Based Programs  |                            |   |                                    |
| 93.142      | I                | 16,129               | NIEHS Hazardous Waste Worker Health and Safety Training  | AGT-22-00073               | Nanodiagnostic Technology, LLC                    |                                    |
| 93.172      | D                | 120,103              | Human Genome Research  |                            |   |                                    |
| 93.191      | D                | 200,546              | Graduate Psychology Education  |                            |   |                                    |
| 93.213      | D                | 59,815               | Research and Training in Complementary and Integrative Health  |                            |   |                                    |
| 93.242      | D                | 151,621              | Mental Health Research Grants  |                            |   |                                    |
| 93.242      | I                | 9,923                | Mental Health Research Grants  | 223405562                  | University of Wisconsin at Milwaukee              |                                    |
| 93.243      | I                | 90,006               | Substance Abuse and Mental Health Services Projects of Regional and National Significance  | 1H79SM083941-01            | Dept of Health and Human Services                 |                                    |
| 93.243      | I                | 101,415              | Substance Abuse and Mental Health Services Projects of Regional and National Significance  | 37205061                   | Mecklenburg County Health Department              |                                    |
| 93.273      | D                | 186,630              | Alcohol Research Programs  |                            |   |                                    |
| 93.286      | D                | 310,252              | Discovery and Applied Research for Technological Innovations to Improve Human Health   |                            |   |                                    |
| 93.286      | I                | 52,934               | Discovery and Applied Research for Technological Innovations to Improve Human Health   | 20-0732-001                | Ball State University                             |                                    |
| 93.391      | I                | 320,039              | Activities to Support State, Tribal, Local and Territorial (STLT) Health Department Response to Public Health or Healthcare Crises | 41690796                   | Mecklenburg County Health Department              |                                    |
| 93.393      | D                | 788,753              | Cancer Cause and Prevention Research   |                            |   |                                    |
| 93.394      | D                | 108,819              | Cancer Detection and Diagnosis Research  |                            |   |                                    |
| 93.394      | I                | 20,599               | Cancer Detection and Diagnosis Research  | AGT-22-00105               | OncoTab Inc                                       |                                    |
| 93.394      | I                | 11,059               | Cancer Detection and Diagnosis Research  | G002000-7505               | Southern Methodist University                     |                                    |
| 93.395      | D                | 349,873              | Cancer Treatment Research  |                            |   |                                    |
| 93.395      | I                | 20,399               | Cancer Treatment Research  | AGT-22-0104                | OncoTab Inc                                       |                                    |
| 93.395      | I                | 12,462               | Cancer Treatment Research  | ULRF_20-0298-01            | University of Louisville Research Foundation, Inc |                                    |
| 93.396      | I                | 96,500               | Cancer Biology Research  | CCF22012233                | Cleveland Clinic                                  |                                    |
| 93.421      | I                | 11,743               | Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health          | CONTRACT DATED 5/5/21      | American Public Health Association                |                                    |
| 93.686      | I                | 161,116              | Ending the HIV Epidemic: A Plan for America - Ryan White HIV/AIDS Program Parts A and B  | 40182971                   | Mecklenburg County Health Department              |                                    |
| 93.686      | I                | 283,769              | Ending the HIV Epidemic: A Plan for America - Ryan White HIV/AIDS Program Parts A and B  | 41331495                   | Mecklenburg County Health Department              |                                    |
| 93.732      | D                | 388,694              | Mental and Behavioral Health Education and Training Grants   |                            |   |                                    |
| 93.837      | D                | 253,614              | Cardiovascular Diseases Research   |                            |   |                                    |
| 93.837      | I                | 9,851                | Cardiovascular Diseases Research   | R25HL126145                | University of Houston                             |                                    |
| 93.839      | I                | 14,927               | Blood Diseases and Resources Research  | 23-1576-UNCC               | University of Tennessee Health Science Center     |                                    |
| 93.846      | D                | 60,929               | Arthritis, Musculoskeletal and Skin Diseases Research  |                            |   |                                    |
| 93.847      | I                | 19,359               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | 134397062                  | University of Southern California                 |                                    |
| 93.847      | I                | 74,491               | Diabetes, Digestive, and Kidney Diseases Extramural Research   | CY21-048-UNCC              | Sanford Research North                            |                                    |
| 93.847      | I                | 193,055              | Diabetes, Digestive, and Kidney Diseases Extramural Research   | VUMC 62470                 | Vanderbilt University                             |                                    |
| 93.853      | D                | 122,542              | Extramural Research Programs in the Neurosciences and Neurological Disorders   |                            |   |                                    |
| 93.853      | I                | 62,220               | Extramural Research Programs in the Neurosciences and Neurological Disorders   | 2117-209-2013228           | Clemson University                                |                                    |
| 93.855      | D                | 927,749              | Allergy and Infectious Diseases Research   |                            |   |                                    |

State of North Carolina

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For the Fiscal Year Ended June 30, 2023

| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name                   | Additional Award Information        |
|-------------|------------------|----------------------|--|----------------------------|--|-------------------------------------|
| 93.855      | I                | 90,470               | Allergy and Infectious Diseases Research                     | 0001109964                 | Fred Hutchinson Cancer Research Center     |                                     |
| 93.859      | D                | 3,036,304            | Biomedical Research and Research Training                    |                            |  |                                     |
| 93.865      | D                | 499,448              | Child Health and Human Development Extramural Research       |                            |  |                                     |
| 93.865      | I                | 295,269              | Child Health and Human Development Extramural Research       | 123915                     | The Brigham and Women's Hospital Inc.      |                                     |
| 93.866      | D                | 252,224              | Aging Research   |                            |  |                                     |
| 93.958      | D                | 24,657               | Block Grants for Community Mental Health Services            |                            |  |                                     |
| 93.959      | I                | 10,000               | Block Grants for Prevention and Treatment of Substance Abuse | MOU signed 12/4/21         | Governor's Institute on Substance Abuse    |                                     |
| 93.U07      | D                | 3                    | U. S. Department of Health and Human Services                |                            |  | Cadence Adults Cadence and Intensit |
| 93.U08      | D                | 49,961               | U. S. Department of Health and Human Services                |                            |  | School-based YAP-P                  |
| 93.U09      | D                | 161,625              | U. S. Department of Health and Human Services                |                            |  | Region 4 Wastewater                 |
| 93.U10      | I                | 95,794               | U. S. Department of Health and Human Services                | PO 7800006400              | University of Kentucky Research Foundation | Bystander-informed See it Stop      |
|             |                  | <u>202,282,627</u>   | Total - University of North Carolina at Charlotte            |                            |  |                                     |

University of North Carolina at Greensboro

|        |   |         |   |                   |   |  |
|--------|---|---------|---|-------------------|---|--|
| 10.001 | D | 11,815  | Agricultural Research Basic and Applied Research  |                   |   |  |
| 10.217 | D | 127,182 | Higher Education - Institution Challenge Grants Program   |                   |   |  |
| 10.253 | D | 6,873   | Consumer Data and Nutrition Research  |                   |   |  |
| 10.310 | D | 774,911 | Agriculture and Food Research Initiative (AFRI)   |                   |   |  |
| 10.310 | I | 36,538  | Agriculture and Food Research Initiative (AFRI)   | 2027-207-2012546  | Clemson University                      |  |
| 10.310 | I | 19,492  | Agriculture and Food Research Initiative (AFRI)   | 203909-780        | Utah State University                   |  |
| 10.310 | I | 69,197  | Agriculture and Food Research Initiative (AFRI)   | 2196-207-2013869  | Clemson University                      |  |
| 11.467 | I | 24,236  | Meteorologic and Hydrologic Modernization Development   | 002869            | Univ Corp for Atmospheric Research      |  |
| 11.609 | D | 281,250 | Measurement and Engineering Research and Standards  |                   |   |  |
| 11.620 | D | 126,062 | Science, Technology, Business and/or Education Outreach   |                   |   |  |
| 12.330 | D | 10,618  | Science, Technology, Engineering & Mathematics (STEM) Education, Outreach and Workforce Program |                   |   |  |
| 12.431 | D | 150,318 | Basic Scientific Research   |                   |   |  |
| 12.431 | I | 35,597  | Basic Scientific Research   | 743751-2          | College of William & Mary               |  |
| 12.560 | I | 26,910  | DOD, NDEP, DOTC-STEM Education Outreach Implementation  | 13000844-041      | Purdue University                       |  |
| 12.630 | D | 39,767  | Basic, Applied, and Advanced Research in Science and Engineering                                |                   |   |  |
| 12.800 | I | 34,389  | Air Force Defense Research Sciences Program   | FA8650-21-2-5028  | Biomade                                 |  |
| 14.901 | I | 7,082   | Healthy Homes Demonstration Grants  | N/A               | Piedmont Triad Regional Council         |  |
| 15.805 | I | 46,425  | Assistance to State Water Resources Research Institutes   | G-03652-01        | Colorado State university               |  |
| 15.808 | D | 13,046  | U.S. Geological Survey Research and Data Collection   |                   |   |  |
| 16.045 | I | 3,151   | Community-Based Violence Intervention and Prevention Initiative                                 | N/A               | GSO Police Department                   |  |
| 16.738 | I | 17,279  | Edward Byrne Memorial Justice Assistance Grant Program  | 2020SPI           | City of Winston-Salem                   |  |
| 19.408 | I | 183,634 | Academic Exchange Programs - Teachers   | FY22-FTEA-UNCG-01 | Int Research & Exchange Board           |  |
| 20.205 | I | 10,858  | Highway Planning and Construction   | 2019-5358         | City of Greensboro                      |  |
| 21.023 | I | 60,459  | COVID-19 - Emergency Rental Assistance Program  | N/A               | Guilford County                         |  |
| 21.027 | I | 374,266 | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                    | 90004637          | Guilford County                         |  |
| 21.027 | I | 35,778  | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                    | N/A               | Forsyth County                          |  |
| 43.007 | D | 21,666  | Space Operations  |                   |   |  |
| 45.161 | I | 32,815  | Promotion of the Humanities Research  | NEH-NMU2021-001   | Northern Michigan University            |  |
| 45.162 | D | 21,834  | Promotion of the Humanities Teaching and Learning Resources and Curriculum Development          |                   |   |  |
| 45.164 | I | 98,070  | Promotion of the Humanities Public Programs   | N/A               | Social Science Research Council         |  |
| 45.169 | D | 54,648  | Promotion of the Humanities Office of Digital Humanities  |                   |   |  |
| 45.312 | D | 24,153  | National Leadership Grants  |                   |   |  |
| 45.312 | I | 10,654  | National Leadership Grants  | 2020-11           | University of Oklahoma                  |  |
| 45.313 | D | 68,385  | Laura Bush 21st Century Librarian Program   |                   |   |  |
| 47.041 | D | 111,576 | Engineering   |                   |   |  |
| 47.041 | I | 9,363   | Engineering   | 087442-16573      | University of Illinois Urbana-Champaign |  |
| 47.041 | I | 8,774   | Engineering   | 100000719-080     | Purdue University                       |  |
| 47.041 | I | 2,852   | Engineering   | 8233              | Indiana University                      |  |
| 47.041 | I | 79,407  | Engineering   | AWD-001459-G2     | Georgia Inst of Technology              |  |
| 47.041 | I | 46,199  | Engineering   | N/A               | Optera LLP                              |  |
| 47.049 | D | 531,572 | Mathematical and Physical Sciences  |                   |   |  |
| 47.050 | D | 171,326 | Geosciences   |                   |   |  |
| 47.070 | D | 335,747 | Computer and Information Science and Engineering  |                   |   |  |
| 47.070 | I | 23,509  | Computer and Information Science and Engineering  | 096085-17569      | University of Illinois Urbana-Champaign |  |
| 47.070 | I | 46,453  | Computer and Information Science and Engineering  | UTAS-SUB000000118 | Univ of Texas at Austin                 |  |
| 47.074 | D | 559,536 | Biological Sciences   |                   |   |  |
| 47.074 | I | 46,838  | Biological Sciences   | 101519-18256      | University of Illinois Urbana-Champaign |  |
| 47.074 | I | 74,321  | Biological Sciences   | UTA18-001150      | Univ of Texas at Austin                 |  |

State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name         | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|----------------------------------|------------------------------|
| 47.075      | D                | 93,157               | Social, Behavioral, and Economic Sciences   |                            |                                  |                              |
| 47.075      | I                | 19,115               | Social, Behavioral, and Economic Sciences   | 2230177                    | Univ of Kansas                   |                              |
| 47.076      | D                | 1,510,059            | Education and Human Resources   |                            |                                  |                              |
| 47.076      | I                | 52,487               | Education and Human Resources   | 000000927 - 012362         | University of Pittsburg          |                              |
| 47.076      | I                | 4,613                | Education and Human Resources   | 00012199                   | University of Michigan           |                              |
| 47.076      | I                | 7,407                | Education and Human Resources   | 00016465                   | University of Michigan           |                              |
| 47.076      | I                | 12,840               | Education and Human Resources   | 004128G3                   | Georgia Institute of Technology  |                              |
| 47.076      | I                | 37,529               | Education and Human Resources   | 2112532-UNCG               | Georgia Research Alliance        |                              |
| 47.076      | I                | 31,782               | Education and Human Resources   | 25-0536-0057-006           | University of Nebraska Lincoln   |                              |
| 47.076      | I                | 5,747                | Education and Human Resources   | 45000003628                | Boston University                |                              |
| 47.076      | I                | 21,984               | Education and Human Resources   | 828167-156                 | Rutgers University               |                              |
| 47.076      | I                | 151,908              | Education and Human Resources   | G0104-Y4                   | The Exploratorium                |                              |
| 47.076      | I                | 12,178               | Education and Human Resources   | UNC-G 10114                | Western Michigan university      |                              |
| 47.079      | I                | 7,164                | Office of International Science and Engineering   | 333-2781                   | Duke University                  |                              |
| 47.079      | I                | 10,590               | Office of International Science and Engineering   | N/A                        | Minerva Lithium                  |                              |
| 47.084      | D                | 31,383               | NSF Technology, Innovation, and Partnerships  |                            |                                  |                              |
| 81.049      | D                | 48,292               | Office of Science Financial Assistance Program  |                            |                                  |                              |
| 81.123      | I                | 50                   | National Nuclear Security Administration (NNSA) Minority Serving Institutions (MSI) Program                             | 000602834                  | Battalle Savannah River Alliance |                              |
| 84.007      | D                | 1,335,012            | Federal Supplemental Educational Opportunity Grants   |                            |                                  |                              |
| 84.033      | D                | 288,695              | Federal Work-Study Program  |                            |                                  |                              |
| 84.038      | D                | 1,016,985            | Federal Perkins Loan Program Federal Capital Contributions  |                            |                                  |                              |
| 84.042      | D                | 417,943              | TRIO Student Support Services   |                            |                                  |                              |
| 84.063      | D                | 37,826,765           | Federal Pell Grant Program  |                            |                                  |                              |
| 84.184      | D                | 43,996               | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)              |                            |                                  |                              |
| 84.184      | I                | 74,025               | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)              | S18X190008                 | Rockingham County Schools        |                              |
| 84.215      | D                | 86,555               | Innovative Approaches to Literacy, Full-service Community Schools; and Promise Neighborhoods                            |                            |                                  |                              |
| 84.217      | D                | 192,189              | TRIO McNair Post-Baccalaureate Achievement  |                            |                                  |                              |
| 84.268      | D                | 66,216,648           | Federal Direct Student Loans  |                            |                                  |                              |
| 84.283      | D                | 3,669,698            | Comprehensive Centers   |                            |                                  |                              |
| 84.283      | I                | 25,615               | Comprehensive Centers   | 6729-S-011                 | Westate, Inc                     |                              |
| 84.283      | I                | 29,490               | Comprehensive Centers   | R00002991                  | Florida State university         |                              |
| 84.305      | D                | 509,203              | Education Research, Development and Dissemination   |                            |                                  |                              |
| 84.305      | I                | 32,883               | Education Research, Development and Dissemination   | 0467100007                 | American Institutes for Research |                              |
| 84.324      | I                | 10,774               | Research in Special Education   | 54033                      | Abt Associates                   |                              |
| 84.324      | I                | 12                   | Research in Special Education   | FY2020-0490M2              | University of Kansas             |                              |
| 84.325      | D                | 186,870              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                |                            |                                  |                              |
| 84.326      | I                | 91,830               | Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | A006557003                 | University of Minnesota          |                              |
| 84.336      | D                | 937,255              | Teacher Quality Partnership Grants  |                            |                                  |                              |
| 84.365      | D                | 943,379              | English Language Acquisition State Grants   |                            |                                  |                              |
| 84.365      | I                | 34,866               | English Language Acquisition State Grants   | AWD7774919-GR207181        | Georgetown University            |                              |
| 84.379      | D                | 927                  | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)                                     |                            |                                  |                              |
| 84.411      | I                | 665                  | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 1516-013-01                | Columbus State Community College |                              |
| 84.411      | I                | 154,886              | Education Innovation and Research (formerly Investing in Innovation (i3) Fund)  | 201910                     | University of Indianapolis       |                              |
| 84.423      | I                | 46,805               | Supporting Effective Educator Development Program   | F2019-054-M2               | University of Kansas             |                              |
| 84.425E     | D                | 8,264,723            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion            |                            |                                  |                              |
| 84.425F     | D                | 23,116,740           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion      |                            |                                  |                              |
| 84.U05      | D                | 1,905,866            | U. S. Department of Education   |                            |                                  | 47QRAA19D006U                |
| 89.003      | I                | 4,026                | National Historical Publications and Records Grants   | N/A                        | Johnson C Smith University       |                              |
| 93.068      | I                | 29,760               | Chronic Diseases: Research, Control, and Prevention   | N/A                        | Equiti Foods, LLC                |                              |
| 93.110      | D                | 161,172              | Maternal and Child Health Federal Consolidated Programs   |                            |                                  |                              |
| 93.113      | D                | 286,446              | Environmental Health  |                            |                                  |                              |
| 93.113      | I                | 41,523               | Environmental Health  | M230011                    | Texas A & M                      |                              |
| 93.124      | D                | 33,922               | Nurse Anesthetist Traineeship   |                            |                                  |                              |
| 93.136      | I                | 138,045              | Injury Prevention and Control Research and State and Community Based Programs   | N/A                        | Guilford County                  |                              |
| 93.178      | D                | 543,123              | Nursing Workforce Diversity   |                            |                                  |                              |
| 93.213      | D                | 170,957              | Research and Training in Complementary and Integrative Health   |                            |                                  |                              |



State of North Carolina

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                    | Additional Award Information |
|-------------|------------------|----------------------|---|----------------------------|---|------------------------------|
| 93.213      | I                | 407,773              | Research and Training in Complementary and Integrative Health                             | 132416-SPC004778           | Washington State university                 |                              |
| 93.213      | I                | 253,710              | Research and Training in Complementary and Integrative Health                             | A18-0910-S003              | University of California Santa Cruz         |                              |
| 93.233      | D                | 20,629               | National Center on Sleep Disorders Research   |                            |   |                              |
| 93.242      | D                | 955,659              | Mental Health Research Grants   |                            |   |                              |
| 93.242      | I                | 50,320               | Mental Health Research Grants   | A791962                    | Emory University                            |                              |
| 93.243      | I                | 27,160               | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 23-SA-50                   | Sandhills Center                            |                              |
| 93.243      | I                | 9,931                | Substance Abuse and Mental Health Services Projects of Regional and National Significance | 788-UNCG                   | Gallaudet University                        |                              |
| 93.264      | D                | 121,154              | Nurse Faculty Loan Program (NFLP)   |                            |   |                              |
| 93.273      | D                | 1,187,675            | Alcohol Research Programs   |                            |   |                              |
| 93.273      | I                | 18,063               | Alcohol Research Programs   | 1-312-0217134-65740L       | Research triangle Institute                 |                              |
| 93.279      | D                | 52,479               | Drug Abuse and Addiction Research Programs  |                            |   |                              |
| 93.286      | D                | 114,952              | Discovery and Applied Research for Technological Innovations to Improve Human Health      |                            |   |                              |
| 93.310      | D                | 229,930              | Trans-NIH Research Support  |                            |   |                              |
| 93.310      | I                | 81,664               | Trans-NIH Research Support  | 1236-45117-1100000004      | Wake Forest Univ Health Sciences            |                              |
| 93.359      | D                | 853,260              | Nurse Education, Practice Quality and Retention Grants                                    |                            |   |                              |
| 93.361      | I                | 43,833               | Nursing Research  | 1089-45117-11000000001     | Wake Forest Univ Health Sciences            |                              |
| 93.361      | I                | 45,192               | Nursing Research  | 346-45117-1000055001       | Wake Forest Univ Health Sciences            |                              |
| 93.368      | I                | 7,379                | 21st Century Cures Act - Precision Medicine Initiative                                    | N/A                        | American Association of Colleges of Nursing |                              |
| 93.395      | D                | 87,518               | Cancer Treatment Research   |                            |   |                              |
| 93.395      | I                | 49,485               | Cancer Treatment Research   | 45000002674                | Boston University                           |                              |
| 93.395      | I                | 357,140              | Cancer Treatment Research   | GR119452/SPC-1000          | The Ohio State University                   |                              |
| 93.396      | I                | 7,238                | Cancer Biology Research   | 21-027                     | Wake Forest Univ Health Sciences            |                              |
| 93.575      | I                | 119,346              | Child Care and Development Block Grant  | 17243                      | Child Trends                                |                              |
| 93.600      | D                | 23,142               | Head Start  |                            |   |                              |
| 93.647      | D                | 5,233                | Social Services Research and Demonstration  |                            |   |                              |
| 93.647      | I                | 138,358              | Social Services Research and Demonstration  | 90PH0028-01                | Child Trends                                |                              |
| 93.732      | D                | 557,438              | Mental and Behavioral Health Education and Training Grants                                |                            |   |                              |
| 93.837      | D                | 109,991              | Cardiovascular Diseases Research  |                            |   |                              |
| 93.837      | I                | 7,592                | Cardiovascular Diseases Research  | 100-1091654-93310          | State University of New York                |                              |
| 93.838      | I                | 26,766               | Lung Diseases Research  | 000887/120120              | University of Rhode Island                  |                              |
| 93.847      | D                | 670,298              | Diabetes, Digestive, and Kidney Diseases Extramural Research                              |                            |   |                              |
| 93.853      | D                | 104,815              | Extramural Research Programs in the Neurosciences and Neurological Disorders              |                            |   |                              |
| 93.853      | I                | 28,089               | Extramural Research Programs in the Neurosciences and Neurological Disorders              | 237442                     | Mass General Hospital                       |                              |
| 93.855      | D                | 209,101              | Allergy and Infectious Diseases Research  |                            |   |                              |
| 93.855      | I                | 48,044               | Allergy and Infectious Diseases Research  | FY20.983.003               | University of Colorado                      |                              |
| 93.855      | I                | 198,118              | Allergy and Infectious Diseases Research  | OSA00000075                | Vanderbilt University                       |                              |
| 93.859      | D                | 1,922,991            | Biomedical Research and Research Training   |                            |   |                              |
| 93.859      | I                | 24,258               | Biomedical Research and Research Training   | G0107-Y4                   | The Exploratorium                           |                              |
| 93.859      | I                | 8,349                | Biomedical Research and Research Training   | OSA000000144               | Vanderbilt University                       |                              |
| 93.865      | D                | 1,394,813            | Child Health and Human Development Extramural Research                                    |                            |   |                              |
| 93.865      | I                | 4,920                | Child Health and Human Development Extramural Research                                    | K000012460                 | University of Michigan                      |                              |
| 93.865      | I                | 1,141                | Child Health and Human Development Extramural Research                                    | R0000003149                | Florida State University                    |                              |
| 93.866      | D                | 653,259              | Aging Research  |                            |   |                              |
| 93.867      | I                | 32,801               | Vision Research   | AWD000002082               | University of Pittsburgh                    |                              |
| 93.925      | D                | 426,741              | Scholarships for Health Professions Students from Disadvantaged Backgrounds               |                            |   |                              |
| 93.941      | I                | 1,614                | HIV Demonstration, Research, Public and Professional Education Projects                   | 458-45117-10000011580      | Wake Forest Univ Health Sciences            |                              |
| 93.958      | I                | 195,955              | Block Grants for Community Mental Health Services   | 121289-4                   | Sandhills Center                            |                              |
| 93.959      | I                | 797,447              | Block Grants for Prevention and Treatment of Substance Abuse                              | 23-SA-43                   | Sandhills Center                            |                              |
| 97.010      | D                | 124,500              | Citizenship Education and Training  |                            |   |                              |
|             |                  | <u>168,652,654</u>   | Total - University of North Carolina at Greensboro  |                            |   |                              |

University of North Carolina at Pembroke

|        |   |         |   |                |                               |  |
|--------|---|---------|---|----------------|-------------------------------|--|
| 10.001 | D | 10,867  | Agricultural Research Basic and Applied Research  |                |                               |  |
| 10.025 | D | 141,588 | Plant and Animal Disease, Pest Control, and Animal Care                                     |                |                               |  |
| 12.431 | D | 89,001  | Basic Scientific Research   |                |                               |  |
| 16.525 | D | 67,976  | Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus |                |                               |  |
| 17.259 | I | 438,275 | WIOA Youth Activities   | 44-25-5467-Yth | Lumbee River Council of Gov't |  |
| 20.205 | D | 52,836  | Highway Planning and Construction   |                |                               |  |
| 21.027 | D | 681,890 | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds                                |                |                               |  |
| 47.076 | D | 328,755 | Education and Human Resources   |                |                               |  |

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| Federal ALN                                       | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number    | Pass-Through Entity Name | Additional Award Information                             |
|---|------------------|----------------------|---|-------------------------------|--------------------------|--|
| 59.075  | D                | 30,615               | Shuttered Venue Operators Grant Program   |                               |                          |  |
| 84.007  | D                | 98,449               | Federal Supplemental Educational Opportunity Grants   |                               |                          |  |
| 84.031  | D                | 742,169              | Higher Education Institutional Aid  |                               |                          |  |
| 84.033  | D                | 176,080              | Federal Work-Study Program  |                               |                          |  |
| 84.038  | D                | 540,429              | Federal Perkins Loan Program Federal Capital Contributions  |                               |                          |  |
| 84.042  | D                | 347,980              | TRIO Student Support Services   |                               |                          |  |
| 84.063  | D                | 14,824,768           | Federal Pell Grant Program  |                               |                          |  |
| 84.116  | D                | 67,749               | Fund for the Improvement of Postsecondary Education   |                               |                          |  |
| 84.184  | I                | 1,934                | School Safety National Activities (formerly, Safe and Drug-Free Schools and Communities-National Programs)                  | Work Order #20-0021           |                          | Public Schools of Robeson County                         |
| 84.268  | D                | 31,260,824           | Federal Direct Student Loans  |                               |                          |  |
| 84.299  | D                | 644,608              | Indian Education -- Special Programs for Indian Children  |                               |                          |  |
| 84.299  | I                | 159,131              | Indian Education -- Special Programs for Indian Children  | 20-21FEC                      |                          | Lumbee Tribe   |
| 84.379  | D                | 68,689               | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |                               |                          |  |
| 84.382  | D                | 154,944              | Strengthening Minority-Serving Institutions   |                               |                          |  |
| 84.425E   | D                | 700                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                |                               |                          |  |
| 84.425L   | D                | 802,283              | COVID-19 - Education Stabilization Fund Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs) |                               |                          |  |
| 93.172  | I                | 247,487              | Human Genome Research   | 303001272                     |                          | Duke University  |
| 93.243  | D                | 33,009               | Substance Abuse and Mental Health Services Projects of Regional and National Significance                                   |                               |                          |  |
| 93.398  | I                | 6,025                | Cancer Research Manpower  | 341-100200-114320             |                          | Wake Forest  |
| 93.732  | D                | 566,801              | Mental and Behavioral Health Education and Training Grants  |                               |                          |  |
| 93.859  | D                | 226,896              | Biomedical Research and Research Training   |                               |                          |  |
| 93.925  | D                | 613,571              | Scholarships for Health Professions Students from Disadvantaged Backgrounds   |                               |                          |  |
| 93.926  | D                | 1,709,846            | Healthy Start Initiative  |                               |                          |  |
|   |                  | 55,136,175           | Total - University of North Carolina at Pembroke  |                               |                          |  |
| <b>University of North Carolina at Wilmington</b> |                  |                      |   |                               |                          |  |
| 10.310  | I                | 90,100               | Agriculture and Food Research Initiative (AFRI)   | SUB00002760                   |                          | The Board of Regents of the University System of Georgia |
| 10.664  | D                | 6,993                | Cooperative Forestry Assistance   |                               |                          |  |
| 11.011  | I                | 6,587                | Ocean Exploration   | 110428 1                      |                          | Los Angeles County Museum of Natural History Foundation  |
| 11.012  | I                | (616)                | Integrated Ocean Observing System (IOOS)  | 1OOS.16(028)UNCW.LL.OBS.1     |                          | SECOORA  |
| 11.012  | I                | 43,641               | Integrated Ocean Observing System (IOOS)  | IOOS.23(81)UNCW.LL.Topic1.1   |                          | SECOORA  |
| 11.012  | I                | 299,429              | Integrated Ocean Observing System (IOOS)  | IOOS.21-097 UNCW.LL.OBS.1     |                          | SECOORA  |
| 11.021  | I                | 28,182               | NOAA Small Business Innovation Research (SBIR) Program  | NA21OAR0210489                |                          | Sunburst Sensors, LLC                                    |
| 11.022  | I                | 54,872               | Bipartisan Budget Act of 2018   | 100S.20(220)UNCW.JL.WEBCOOS.1 |                          | SECOORA  |
| 11.419  | I                | 11,000               | Coastal Zone Management Administration Awards   | SUBK00018015                  |                          | Regents of the University of Michigan                    |
| 11.420  | D                | 16,235               | Coastal Zone Management Estuarine Research Reserves   |                               |                          |  |
| 11.429  | I                | 2,517                | Marine Sanctuary Program  | 5300-23-01-025/NA22NOS4290160 |                          | National Marine Sanctuary Foundation                     |
| 11.432  | I                | (341)                | National Oceanic and Atmospheric Administration (NOAA) Cooperative Institutes   | URJ58                         |                          | Florida Atlantic University                              |
| 11.439  | D                | 93,769               | Marine Mammal Data Program  |                               |                          |  |
| 11.463  | D                | 46,699               | Habitat Conservation  |                               |                          |  |
| 11.463  | I                | 1,346                | Habitat Conservation  | 5300-23--03-044               |                          | National Marine Sanctuary Foundation                     |
| 11.478  | I                | 40,390               | Center for Sponsored Coastal Ocean Research Coastal Ocean Program   | SUB00002941                   |                          | The Board of Regents of the University System of Georgia |
| 11.482  | I                | 28,462               | Coral Reef Conservation Program   | 441097/23-5105-A0001-SUB03    |                          | Nova Southeastern University                             |
| 12.300  | D                | 111,413              | Basic and Applied Scientific Research   |                               |                          |  |
| 12.300  | I                | 45,168               | Basic and Applied Scientific Research   | A21 0686 S001                 |                          | University of Tennessee                                  |
| 12.300  | I                | 173,583              | Basic and Applied Scientific Research   | PO 4720008331                 |                          | University of California at San Diego                    |
| 12.630  | D                | 73,050               | Basic, Applied, and Advanced Research in Science and Engineering  |                               |                          |  |
| 12.800  | D                | 76,936               | Air Force Defense Research Sciences Program   |                               |                          |  |
| 12.800  | I                | 12,860               | Air Force Defense Research Sciences Program   | FA8651-23-2-0005              |                          | Office Of Naval Research                                 |
| 12.902  | D                | 15,453               | Information Security Grants   |                               |                          |  |
| 12.RD   | I                | 22,327               | U. S. Department of Defense   | GLAP                          |                          | United States Geospatial Intelligence Foundation         |
| 15.224  | I                | 30,360               | Cultural and Paleontological Resources Management   | SA0000776                     |                          | San Diego State University                               |
| 15.423  | D                | 434,489              | Bureau of Ocean Energy Management (BOEM) Environmental Studies (ES)   |                               |                          |  |
| 15.678  | D                | 22,350               | Cooperative Ecosystem Studies Units   |                               |                          |  |
| 15.808  | D                | 23,575               | U.S. Geological Survey Research and Data Collection   |                               |                          |  |
| 15.810  | D                | 26,248               | National Cooperative Geologic Mapping   |                               |                          |  |
| 15.945  | D                | 129,251              | Cooperative Research and Training Programs -- Resources of the National Park System   |                               |                          |  |
| 16.585  | D                | 884,167              | Drug Court Discretionary Grant Program  |                               |                          |  |

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| Federal ALN | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number  | Pass-Through Entity Name                      | Additional Award Information |
|-------------|------------------|----------------------|--|-----------------------------|---|------------------------------|
| 19.408      | D                | (196)                | Academic Exchange Programs - Teachers  |                             |   |                              |
| 19.900      | D                | 163,680              | AEECA/ESF PD Programs  |                             |   |                              |
| 20.820      | D                | 68,507               | Maritime Studies and Innovations   |                             |   |                              |
| 21.015      | I                | 4,110                | Resources and Ecosystems Sustainability, Tourist Opportunities, and Revived Economies of the Gulf Coast States | MESC ALCOE KD HALANYCH      | Dauphin Island Sea Lab                        |                              |
| 43.001      | D                | 117,003              | Science  |                             |   |                              |
| 43.001      | I                | 35,421               | Science  | UWSC13067                   | University of Washington                      |                              |
| 45.024      | D                | 34,578               | Promotion of the Arts Grants to Organizations and Individuals  |                             |   |                              |
| 45.024      | I                | 17,256               | Promotion of the Arts Grants to Organizations and Individuals  | 00031563                    | Arts Midwest                                  |                              |
| 45.024      | I                | (13)                 | Promotion of the Arts Grants to Organizations and Individuals  | 29590                       | Arts Midwest                                  |                              |
| 45.024      | I                | 2,000                | Promotion of the Arts Grants to Organizations and Individuals  | 6318                        | South Arts Inc                                |                              |
| 45.160      | I                | 74,967               | Promotion of the Humanities Fellowships and Stipends   | FEL 282529 22               | National Endowment for the Humanities         |                              |
| 47.049      | D                | 206,743              | Mathematical and Physical Sciences   |                             |   |                              |
| 47.050      | D                | 804,811              | Geosciences  |                             |   |                              |
| 47.050      | I                | 26,431               | Geosciences  | UWSC13068; BPO 59214        | University of Washington                      |                              |
| 47.070      | D                | 38,195               | Computer and Information Science and Engineering   |                             |   |                              |
| 47.074      | D                | 376,362              | Biological Sciences  |                             |   |                              |
| 47.074      | I                | 98,433               | Biological Sciences  | CCU 31-2999                 | Coastal Carolina University                   |                              |
| 47.075      | D                | 54,596               | Social, Behavioral, and Economic Sciences  |                             |   |                              |
| 47.075      | I                | 8,540                | Social, Behavioral, and Economic Sciences  | A17-1027-S001               | University of Tennessee                       |                              |
| 47.076      | D                | 189,492              | Education and Human Resources  |                             |   |                              |
| 47.076      | I                | 5,550                | Education and Human Resources  | 1922291                     | New York University                           |                              |
| 47.076      | I                | 32,687               | Education and Human Resources  | 2143-206-2013438            | Clemson University                            |                              |
| 47.076      | I                | 69,290               | Education and Human Resources  | DGE-1842096                 | Whatcom Community College                     |                              |
| 47.078      | D                | 376,846              | Polar Programs   |                             |   |                              |
| 47.083      | D                | 313,199              | Integrative Activities   |                             |   |                              |
| 47.083      | I                | 94,127               | Integrative Activities   | TUL-SCC-559686-21/22        | Tulane University                             |                              |
| 47.084      | D                | 81,525               | NSF Technology, Innovation, and Partnerships   |                             |   |                              |
| 47.084      | I                | 103,176              | NSF Technology, Innovation, and Partnerships   | NSF00143-01                 | University of Maryland Baltimore County(UMBC) |                              |
| 59.075      | D                | 61,986               | Shuttered Venue Operators Grant Program  |                             |   |                              |
| 64.034      | D                | 129,733              | VA Grants for Adaptive Sports Programs for Disabled Veterans and Disabled Members of the Armed Forces          |                             |   |                              |
| 66.460      | I                | 2,658                | Nonpoint Source Implementation Grants  | 2020-03-24-001              | Cape Fear River Watch                         |                              |
| 81.049      | D                | 45,326               | Office of Science Financial Assistance Program   |                             |   |                              |
| 81.135      | I                | 68,872               | Advanced Research Projects Agency - Energy   | PO 1001778307               | University of Colorado                        |                              |
| 84.007      | D                | 379,879              | Federal Supplemental Educational Opportunity Grants  |                             |   |                              |
| 84.033      | D                | 622,379              | Federal Work-Study Program   |                             |   |                              |
| 84.038      | D                | 687,437              | Federal Perkins Loan Program Federal Capital Contributions   |                             |   |                              |
| 84.047      | D                | 94,772               | TRIO Upward Bound  |                             |   |                              |
| 84.063      | D                | 18,791,951           | Federal Pell Grant Program   |                             |   |                              |
| 84.268      | D                | 69,564,823           | Federal Direct Student Loans   |                             |   |                              |
| 84.379      | D                | 43,849               | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)                            |                             |   |                              |
| 84.408      | D                | 6,502                | Postsecondary Education Scholarships for Veteran's Dependents  |                             |   |                              |
| 93.121      | I                | 32,225               | Oral Diseases and Disorders Research   | 2017-3474                   | University of California                      |                              |
| 93.243      | D                | 118,394              | Substance Abuse and Mental Health Services Projects of Regional and National Significance                      |                             |   |                              |
| 93.243      | I                | 2,292                | Substance Abuse and Mental Health Services Projects of Regional and National Significance                      | UNC -SAMHSA-03              | County of Brunswick                           |                              |
| 93.243      | I                | 16,809               | Substance Abuse and Mental Health Services Projects of Regional and National Significance                      | UNC -SAMHSA-05              | County of Brunswick                           |                              |
| 93.273      | D                | 69,466               | Alcohol Research Programs  |                             |   |                              |
| 93.273      | I                | 14,181               | Alcohol Research Programs  | 303001288                   | Duke University                               |                              |
| 93.279      | D                | 105,363              | Drug Abuse and Addiction Research Programs   |                             |   |                              |
| 93.361      | I                | 72,546               | Nursing Research   | UWSC13042/1R01NR019268-01A1 | University of Washington                      |                              |
| 93.393      | I                | 7,088                | Cancer Cause and Prevention Research   | 210853-UNCW-05              | Kaiser Foundation Research Institute          |                              |
| 93.395      | D                | 48,752               | Cancer Treatment Research  |                             |   |                              |
| 93.516      | I                | 1,684                | Public Health Training Centers Program   | A505144                     | Emory University                              |                              |
| 93.859      | D                | 267,289              | Biomedical Research and Research Training  |                             |   |                              |
| 93.959      | D                | (122)                | Block Grants for Prevention and Treatment of Substance Abuse   |                             |   |                              |
| 93.959      | I                | 27,009               | Block Grants for Prevention and Treatment of Substance Abuse   | UTAUS-SUB00000624           | University of Texas at Austin                 |                              |
|             |                  | <u>97,530,954</u>    | Total - University of North Carolina at Wilmington   |                             |   |                              |

University of North Carolina School of the Arts

|        |   |         |  |  |  |  |
|--------|---|---------|--|--|--|--|
| 21.027 | D | 364,253 | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds |  |  |  |
|--------|---|---------|--|--|--|--|

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                        | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number   | Pass-Through Entity Name               | Additional Award Information |
|------------------------------------|------------------|----------------------|---|------------------------------|--|------------------------------|
| 84.007                             | D                | 56,500               | Federal Supplemental Educational Opportunity Grants   |                              |  |                              |
| 84.033                             | D                | 45,622               | Federal Work-Study Program  |                              |  |                              |
| 84.063                             | D                | 1,164,755            | Federal Pell Grant Program  |                              |  |                              |
| 84.268                             | D                | 7,543,260            | Federal Direct Student Loans  |                              |  |                              |
| 84.425F                            | D                | 462,537              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                              |  |                              |
|                                    |                  | <u>9,636,927</u>     | Total - University of North Carolina System Office  |                              |  |                              |
| <b>Western Carolina University</b> |                  |                      |   |                              |  |                              |
| 10.351                             | D                | 52,846               | Rural Business Development Grant  |                              |  |                              |
| 10.435                             | D                | 143,826              | State Mediation Grants  |                              |  |                              |
| 10.525                             | D                | 195                  | Farm and Ranch Stress Assistance Network Competitive Grants Program   |                              |  |                              |
| 10.652                             | D                | 1,665                | Forestry Research   |                              |  |                              |
| 10.699                             | D                | 116,961              | Partnership Agreements  |                              |  |                              |
| 11.303                             | D                | 5,397                | Economic Development Technical Assistance   |                              |  |                              |
| 15.657                             | D                | 91,940               | Endangered Species Recovery Implementation  |                              |  |                              |
| 15.945                             | D                | 295,969              | Cooperative Research and Training Programs – Resources of the National Park System  |                              |  |                              |
| 16.560                             | D                | 20,441               | National Institute of Justice Research, Evaluation, and Development Project Grants  |                              |  |                              |
| 43.001                             | D                | 24,688               | Science   |                              |  |                              |
| 43.001                             | I                | 7,543                | Science   | 80NSSC19K0558, Subaward 0946 | Rutgers University                     |                              |
| 45.024                             | D                | 496                  | Promotion of the Arts Grants to Organizations and Individuals   |                              |  |                              |
| 45.313                             | D                | 136,798              | Laura Bush 21st Century Librarian Program   |                              |  |                              |
| 47.049                             | D                | 62,820               | Mathematical and Physical Sciences  |                              |  |                              |
| 47.050                             | D                | 19,386               | Geosciences   |                              |  |                              |
| 47.074                             | D                | 177,984              | Biological Sciences   |                              |  |                              |
| 47.076                             | D                | 189,872              | Education and Human Resources   |                              |  |                              |
| 59.075                             | D                | 213                  | Shuttered Venue Operators Grant Program   |                              |  |                              |
| 77.008                             | D                | 111,507              | U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program   |                              |  |                              |
| 84.007                             | D                | 453,117              | Federal Supplemental Educational Opportunity Grants   |                              |  |                              |
| 84.010                             | D                | 901                  | Title I Grants to Local Educational Agencies  |                              |  |                              |
| 84.027                             | D                | 26,482               | Special Education Grants to States  |                              |  |                              |
| 84.027X                            | D                | 2,476                | COVID-19 - Individuals with Disabilities Education Act/American Rescue Plan of 2021 (ARP) - Title VI-B Handicapped                |                              |  |                              |
| 84.033                             | D                | 482,474              | Federal Work-Study Program  |                              |  |                              |
| 84.038                             | D                | 2,003,786            | Federal Perkins Loan Program Federal Capital Contributions  |                              |  |                              |
| 84.044                             | D                | 451,014              | TRIO Talent Search  |                              |  |                              |
| 84.063                             | D                | 16,932,102           | Federal Pell Grant Program  |                              |  |                              |
| 84.268                             | D                | 44,675,441           | Federal Direct Student Loans  |                              |  |                              |
| 84.325                             | D                | 380,353              | Special Education - Personnel Development to Improve Services and Results for Children with Disabilities                          |                              |  |                              |
| 84.335                             | D                | 142,699              | Child Care Access Means Parents in School   |                              |  |                              |
| 84.367                             | D                | 2,764                | Supporting Effective Instruction State Grants (formerly Improving Teacher Quality State Grants)                                   |                              |  |                              |
| 84.379                             | D                | 45,264               | Teacher Education Assistance for College and Higher Education Grants (TEACH Grants)   |                              |  |                              |
| 84.424                             | D                | 14,605               | Student Support and Academic Enrichment Program   |                              |  |                              |
| 84.425D                            | D                | 5,809                | COVID-19 - Education Stabilization Fund - Elementary and Secondary School Emergency Relief (ESSER) Fund                           |                              |  |                              |
| 84.425E                            | D                | 3,543,242            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                              |  |                              |
| 84.425F                            | D                | 2,760,768            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                              |  |                              |
| 84.425M                            | D                | 616,605              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                              |  |                              |
| 84.425U                            | D                | 17,974               | COVID-19 - Education Stabilization Fund - American Rescue Plan Elementary and Secondary School Emergency Relief (ARP ESSER) Fund  |                              |  |                              |
| 93.124                             | D                | 6,434                | Nurse Anesthetist Traineeship   |                              |  |                              |
| 93.178                             | D                | 582,740              | Nursing Workforce Diversity   |                              |  |                              |
| 93.307                             | I                | 9,956                | Minority Health and Health Disparities Research   | 127687 G003655               | USDHHS via Washington State University |                              |
| 93.359                             | D                | 321,058              | Nurse Education, Practice Quality and Retention Grants  |                              |  |                              |
| 93.361                             | D                | 139,613              | Nursing Research  |                              |  |                              |
| 93.732                             | D                | 1,214,605            | Mental and Behavioral Health Education and Training Grants  |                              |  |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN  | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number                    | Pass-Through Entity Name                       | Additional Award Information     |
|--|------------------|----------------------|---|---|--|----------------------------------|
| 93.847   | D                | 16,269               | Diabetes, Digestive, and Kidney Diseases Extramural Research  |   |  |                                  |
| 93.847   | I                | 4                    | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 2P30DK092923-11, Subaward FY22.001.021        | University of Colorado                         |                                  |
|  |                  | <u>76,309,102</u>    | Total - Western Carolina University   |   |  |                                  |
| <b>Winston-Salem State University</b>                                  |                  |                      |   |   |  |                                  |
| 17.287   | D                | 481,282              | Job Corps Experimental Projects and Technical Assistance  |   |  |                                  |
| 20.205   | D                | 40,628               | Highway Planning and Construction   |   |  |                                  |
| 47.041   | D                | 10,249               | Engineering   |   |  |                                  |
| 47.049   | D                | 242,380              | Mathematical and Physical Sciences  |   |  |                                  |
| 47.070   | D                | 190,715              | Computer and Information Science and Engineering  |   |  |                                  |
| 47.074   | D                | 124,236              | Biological Sciences   |   |  |                                  |
| 47.075   | D                | 57,865               | Social, Behavioral, and Economic Sciences   |   |  |                                  |
| 47.076   | D                | 581,725              | Education and Human Resources   |   |  |                                  |
| 59.037   | I                | 342,459              | Small Business Development Centers  | BPM 2022-1                                    | Small Business Technology Development Center   |                                  |
| 81.049   | D                | 61,141               | Office of Science Financial Assistance Program  |   |  |                                  |
| 84.007   | D                | 740,290              | Federal Supplemental Educational Opportunity Grants   |   |  |                                  |
| 84.031   | D                | 4,897,369            | Higher Education Institutional Aid  |   |  |                                  |
| 84.033   | D                | 407,157              | Federal Work-Study Program  |   |  |                                  |
| 84.042   | D                | 184                  | TRIO Student Support Services   |   |  |                                  |
| 84.063   | D                | 15,567,575           | Federal Pell Grant Program  |   |  |                                  |
| 84.116   | D                | 249,642              | Fund for the Improvement of Postsecondary Education   |   |  |                                  |
| 84.129   | D                | 530,251              | Rehabilitation Long-Term Training   |   |  |                                  |
| 84.268   | D                | 30,753,328           | Federal Direct Student Loans  |   |  |                                  |
| 84.334   | D                | 1,557,814            | Gaining Early Awareness and Readiness for Undergraduate Programs  |   |  |                                  |
| 84.336   | D                | 91,327               | Teacher Quality Partnership Grants  |   |  |                                  |
| 84.382   | D                | 1,134,696            | Strengthening Minority-Serving Institutions   |   |  |                                  |
| 84.425J  | D                | 19,111,911           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Historically Black Colleges and Universities (HBCUs) |   |  |                                  |
| 90.500   | I                | 76,867               | International Broadcasting Independent Grantee Organizations  | 4507  | Community Service Grant Radio                  |                                  |
| 93.243   | I                | 20,652               | Substance Abuse and Mental Health Services Projects of Regional and National Significance   | 5H79TI083987-02                               | Governor's Institute on Substance Abuse        |                                  |
| 93.264   | D                | 59,500               | Nurse Faculty Loan Program (NFLP)   |   |  |                                  |
| 93.364   | D                | 4,988                | Nursing Student Loans   |   |  |                                  |
| 93.470   | D                | 29,739               | Alzheimer's Disease Program Initiative (ADPI)   |   |  |                                  |
| 93.761   | D                | 21,646               | Evidence-Based Falls Prevention Programs Financed Solely by Prevention and Public Health Funds (PPHF)   |   |  |                                  |
| 93.829   | D                | 742,772              | Section 223 Demonstration Programs to Improve Community Mental Health Services  |   |  |                                  |
| 93.847   | I                | 43,790               | Diabetes, Digestive, and Kidney Diseases Extramural Research  | 21-45103-1000011841                           | Wake Forest University                         |                                  |
| 93.859   | D                | 23,805               | Biomedical Research and Research Training   |   |  |                                  |
| 93.866   | I                | 35,682               | Aging Research  | 180-101090-550034                             | Wake Forest University                         |                                  |
| 93.925   | D                | 1,006,864            | Scholarships for Health Professions Students from Disadvantaged Backgrounds   |   |  |                                  |
| 99.U02   | I                | 156                  | Miscellaneous   | UL1TR001420                                   | Wake Forest University                         | Community Engagement Boost Award |
|  |                  | <u>79,240,685</u>    | Total - Winston-Salem State University  |   |  |                                  |
| <b>University of North Carolina Health Care System - UNC Hospitals</b> |                  |                      |   |   |  |                                  |
| 93.498   |                  | 94,495,175           | COVID-19 - Provider Relief Fund   |   |  |                                  |
|  |                  | <u>94,495,175</u>    | Total - UNC Hospitals   |   |  |                                  |
|  |                  | <u>3,225,832,275</u> | Total - University of North Carolina System   |   |  |                                  |
| <b>Community Colleges:</b>   |                  |                      |   |   |  |                                  |
| <b>Alamance Community College</b>                                      |                  |                      |   |   |  |                                  |
| 84.007   | D                | 85,800               | Federal Supplemental Educational Opportunity Grants   |   |  |                                  |
| 84.033   | D                | 97,131               | Federal Work-Study Program  |   |  |                                  |
| 84.047   | D                | 215,230              | TRIO Upward Bound   |   |  |                                  |
| 84.063   | D                | 5,757,732            | Federal Pell Grant Program  |   |  |                                  |
| 84.425F  | D                | 1,398,259            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                            |   |  |                                  |
| 84.425M  |                  | 309,791              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)             |   |  |                                  |
|  |                  | <u>7,863,943</u>     | Total - Alamance Community College  |   |  |                                  |
| <b>Asheville-Buncombe Technical Community College</b>                  |                  |                      |   |   |  |                                  |
| 17.258   | I                | 128,941              | WIOA Adult Program  | WIOA-22-61-ABT-04; WIOA-2017-61-ABTECH-FLG-01 | Mountain Area Workforce Development Consortium |                                  |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN   | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                       | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|--|------------------------------|
| 17.278  | I                | 125,508              | WIOA Dislocated Worker Formula Grants   | WIOA-22-61-ABT-04          | Mountain Area Workforce Development Consortium |                              |
| 23.002  | D                | 1,311,538            | Appalachian Area Development  |                            |  |                              |
| 84.007  | D                | 142,418              | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033  | D                | 99,776               | Federal Work-Study Program  |                            |  |                              |
| 84.063  | D                | 6,227,921            | Federal Pell Grant Program  |                            |  |                              |
| 84.268  | D                | 2,762,199            | Federal Direct Student Loans  |                            |  |                              |
| 84.425F   | D                | 4,009,768            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion            |                            |  |                              |
|   |                  | <u>14,808,069</u>    | Total - Asheville-Buncombe Technical Community College  |                            |  |                              |
| <b>Beaufort County Community College</b>                  |                  |                      |   |                            |  |                              |
| 84.007  | D                | 58,612               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.031  | D                | 404,340              |   |                            |  |                              |
| 84.033  | D                | 37,678               | Federal Work-Study Program  |                            |  |                              |
| 84.042  | D                | 395,039              | TRIO Student Support Services   |                            |  |                              |
| 84.063  | D                | 2,588,757            | Federal Pell Grant Program  |                            |  |                              |
| 84.425E   | D                | 310,607              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                  |                            |  |                              |
| 84.425F   | D                | 853,890              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion            |                            |  |                              |
|   |                  | <u>4,648,923</u>     | Total - Beaufort County Community College   |                            |  |                              |
| <b>Bladen Community College</b>                           |                  |                      |   |                            |  |                              |
| 17.258  | D                | 110,186              | WIOA Adult Program  |                            |  |                              |
| 17.259  | D                | 99,809               | WIOA Youth Activities   |                            |  |                              |
| 17.278  | D                | 68,953               | WIOA Dislocated Worker Formula Grants   |                            |  |                              |
| 84.007  | D                | 68,256               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033  | D                | 51,545               | Federal Work-Study Program  |                            |  |                              |
| 84.063  | D                | 2,659,236            | Federal Pell Grant Program  |                            |  |                              |
| 84.425E   | D                | 1,755,031            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                  |                            |  |                              |
| 84.425F   | D                | 2,192,775            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion            |                            |  |                              |
| 84.425L   | D                | 498,257              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs) |                            |  |                              |
|   |                  | <u>7,504,048</u>     | Total - Bladen Community College  |                            |  |                              |
| <b>Blue Ridge Community College</b>                       |                  |                      |   |                            |  |                              |
| 17.258  | D                | 115,985              | WIOA Adult Program  |                            |  |                              |
| 17.278  | D                | 117,163              | WIOA Dislocated Worker Formula Grants   |                            |  |                              |
| 23.001  | D                | 138,155              | Appalachian Regional Development (See individual Appalachian Programs)  |                            |  |                              |
| 45.310  | D                | 14,463               | Grants to States  |                            |  |                              |
| 64.028  | D                | 52,898               | Post-9/11 Veterans Educational Assistance   |                            |  |                              |
| 84.007  | D                | 45,805               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033  | D                | 61,775               | Federal Work-Study Program  |                            |  |                              |
| 84.063  | D                | 3,400,104            | Federal Pell Grant Program  |                            |  |                              |
| 84.268  | D                | 784,835              | Federal Direct Student Loans  |                            |  |                              |
| 84.425E   | D                | 758,792              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                  |                            |  |                              |
| 84.425F   | D                | 98,905               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion            |                            |  |                              |
|   |                  | <u>5,588,880</u>     | Total - Blue Ridge Community College  |                            |  |                              |
| <b>Brunswick Community College</b>                        |                  |                      |   |                            |  |                              |
| 84.007  | D                | 41,800               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033  | D                | 33,105               | Federal Work-Study Program  |                            |  |                              |
| 84.063  | D                | 2,582,968            | Federal Pell Grant Program  |                            |  |                              |
| 84.425E   | D                | 56,407               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                  |                            |  |                              |
| 84.425F   | D                | 103,656              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion            |                            |  |                              |
|   |                  | <u>2,817,936</u>     | Total - Brunswick Community College   |                            |  |                              |
| <b>Caldwell Community College and Technical Institute</b> |                  |                      |   |                            |  |                              |
| 84.007  | D                | 115,185              | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                               | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 84.033                                    | D                | 58,725               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                    | D                | 261,191              | TRIO Student Support Services  |                            |                          |                              |
| 84.044                                    | D                | 392,343              | TRIO Talent Search   |                            |                          |                              |
| 84.063                                    | D                | 5,220,067            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                                   | D                | 374,610              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                   | D                | 1,284,883            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|   |                  | <u>7,707,004</u>     | Total - Caldwell Community College and Technical Institute   |                            |                          |                              |
| <b>Cape Fear Community College</b>        |                  |                      |  |                            |                          |                              |
| 11.300                                    | D                | 45,789               | Investments for Public Works and Economic Development Facilities   |                            |                          |                              |
| 17.270                                    | D                | 1,262,616            | Reentry Employment Opportunities   |                            |                          |                              |
| 47.076                                    | D                | 111,456              | Education and Human Resources  |                            |                          |                              |
| 84.007                                    | D                | 355,540              | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.031                                    | D                | 393,891              | Higher Education Institutional Aid   |                            |                          |                              |
| 84.033                                    | D                | 278,493              | Federal Work-Study Program   |                            |                          |                              |
| 84.047                                    | D                | 34,334               | TRIO Upward Bound  |                            |                          |                              |
| 84.063                                    | D                | 11,910,037           | Federal Pell Grant Program   |                            |                          |                              |
| 84.268                                    | D                | 4,461,556            | Federal Direct Student Loans   |                            |                          |                              |
| 84.425F                                   | D                | 2,403,963            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|   |                  | <u>21,257,675</u>    | Total - Cape Fear Community College  |                            |                          |                              |
| <b>Carteret Community College</b>         |                  |                      |  |                            |                          |                              |
| 10.310                                    | D                | 138,336              | Agriculture and Food Research Initiative (AFRI)  |                            |                          |                              |
| 17.258                                    | I                | 179,049              | WIOA Adult Program   | 4020                       | ECWDB                    |                              |
| 17.259                                    | I                | 151,143              | WIOA Youth Activities  | 4040                       | ECWDB                    |                              |
| 17.278                                    | I                | 14,456               | WIOA Dislocated Worker Formula Grants  | 4030                       | ECWDB                    |                              |
| 84.007                                    | D                | 36,012               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                    | D                | 80,226               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                    | D                | 320,148              | TRIO Student Support Services  |                            |                          |                              |
| 84.063                                    | D                | 2,837,547            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                                   | D                | 3,526                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                   | D                | 720,484              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425S                                   | D                | 170,406              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Assistance to Institutions of Higher Education (SAIHE) Program |                            |                          |                              |
|   |                  | <u>4,651,333</u>     | Total - Carteret Community College   |                            |                          |                              |
| <b>Catawba Valley Community College</b>   |                  |                      |  |                            |                          |                              |
| 11.020                                    | D                | 92,312               | Cluster Grants   |                            |                          |                              |
| 23.001                                    | D                | 38,199               | Appalachian Regional Development (See individual Appalachian Programs)   |                            |                          |                              |
| 45.310                                    | D                | 13,257               | Grants to States   |                            |                          |                              |
| 84.007                                    | D                | 69,436               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                    | D                | 88,476               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                    | D                | 5,107,211            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                                   | D                | 3,157,744            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                   | D                | 2,420,990            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|   |                  | <u>10,987,625</u>    | Total - Catawba Valley Community College   |                            |                          |                              |
| <b>Central Carolina Community College</b> |                  |                      |  |                            |                          |                              |
| 17.274                                    | D                | 482,512              | YouthBuild   |                            |                          |                              |
| 17.287                                    | D                | 407,321              | Job Corps Experimental Projects and Technical Assistance   |                            |                          |                              |
| 47.076                                    | D                | 37,086               | Education and Human Resources  |                            |                          |                              |
| 84.007                                    | D                | 163,347              | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.031                                    | D                | 344,920              | Higher Education Institutional Aid   |                            |                          |                              |
| 84.033                                    | D                | 95,807               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                    | D                | 587,288              | TRIO Student Support Services  |                            |                          |                              |
| 84.047                                    | D                | 967,138              | TRIO Upward Bound  |                            |                          |                              |
| 84.063                                    | D                | 6,554,222            | Federal Pell Grant Program   |                            |                          |                              |

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For the Fiscal Year Ended June 30, 2023

| Federal ALN                               | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| 84.425E                                   | D                | 3,997                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                   | D                | 1,848,364            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425M                                   | D                | 306,082              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                          |                              |
|   |                  | <u>11,798,084</u>    | Total - Central Carolina Community College  |                            |                          |                              |
| <b>Central Piedmont Community College</b> |                  |                      |   |                            |                          |                              |
| 17.259                                    | I                | 846,141              | WIOA Youth Activities   | 2040-36                    | Charlotte Works          |                              |
| 17.278                                    | I                | 8,590                | WIOA Dislocated Worker Formula Grants   | FLG OP-2018-01             | Charlotte Works          |                              |
| 47.076                                    | D                | 1,878                | Education and Human Resources   |                            |                          |                              |
| 84.007                                    | D                | 727,539              | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                    | D                | 358,239              | Federal Work-Study Program  |                            |                          |                              |
| 84.042                                    | D                | 239,464              | TRIO Student Support Services   |                            |                          |                              |
| 84.063                                    | D                | 25,503,424           | Federal Pell Grant Program  |                            |                          |                              |
| 84.425E                                   | D                | 2,500,426            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                   | D                | 16,179,375           | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425M                                   | D                | 271,830              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                          |                              |
|   |                  | <u>46,636,906</u>    | Total - Central Piedmont Community College  |                            |                          |                              |
| <b>Cleveland Community College</b>        |                  |                      |   |                            |                          |                              |
| 84.007                                    | D                | 42,857               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                    | D                | 56,215               | Federal Work-Study Program  |                            |                          |                              |
| 84.042                                    | D                | 250,586              | TRIO Student Support Services   |                            |                          |                              |
| 84.044                                    | D                | 268,301              | TRIO Talent Search  |                            |                          |                              |
| 84.063                                    | D                | 4,912,561            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425E                                   | D                | 8,507                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                   | D                | 837,174              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425M                                   | D                | 234,205              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                          |                              |
|   |                  | <u>6,610,406</u>     | Total - Cleveland Community College   |                            |                          |                              |
| <b>Coastal Carolina Community College</b> |                  |                      |   |                            |                          |                              |
| 17.258                                    | I                | 273,345              | WIOA Adult Program  | 22-4020-40-6035-07         | ECWDB                    |                              |
| 17.259                                    | I                | 135,431              | WIOA Youth Activities   | 22-4040-40-6035-07         | ECWDB                    |                              |
| 17.278                                    | I                | 117,164              | WIOA Dislocated Worker Formula Grants   | 22-4030-40-6035-07         | ECWDB                    |                              |
| 84.007                                    | D                | 209,912              | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                    | D                | 86,821               | Federal Work-Study Program  |                            |                          |                              |
| 84.063                                    | D                | 5,750,921            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425E                                   | D                | 2,651,308            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                   | D                | 2,656,299            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
|   |                  | <u>11,881,201</u>    | Total - Coastal Carolina Community College  |                            |                          |                              |
| <b>College of the Albemarle</b>           |                  |                      |   |                            |                          |                              |
| 84.007                                    | D                | 78,051               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                    | D                | 11,054               | Federal Work-Study Program  |                            |                          |                              |
| 84.063                                    | D                | 2,174,761            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425F                                   | D                | 1,407,884            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425M                                   | D                | 53,263               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                          |                              |
|   |                  | <u>3,725,013</u>     | Total - College of the Albemarle  |                            |                          |                              |
| <b>Craven Community College</b>           |                  |                      |   |                            |                          |                              |
| 47.076                                    | D                | 7,118                | Education and Human Resources   |                            |                          |                              |
| 84.007                                    | D                | 122,960              | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                    | D                | 63,662               | Federal Work-Study Program  |                            |                          |                              |



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| Federal ALN                                     | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name         | Additional Award Information |
|---|------------------|----------------------|---|----------------------------|----------------------------------|------------------------------|
| 84.042  | D                | 307,749              | TRIO Student Support Services   |                            |                                  |                              |
| 84.063  | D                | 4,316,766            | Federal Pell Grant Program  |                            |                                  |                              |
| 84.425E   | D                | 1,190,414            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                                  |                              |
| 84.425F   | D                | 263,940              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                                  |                              |
|   |                  | <u>6,272,609</u>     | Total - Craven Community College  |                            |                                  |                              |
| <b>Davidson-Davie Community College</b>         |                  |                      |   |                            |                                  |                              |
| 12.903  | D                | 35,378               | GenCyber Grants Program   |                            |                                  |                              |
| 84.007  | D                | 249,107              | Federal Supplemental Educational Opportunity Grants   |                            |                                  |                              |
| 84.031  | D                | 333,574              | Higher Education Institutional Aid  |                            |                                  |                              |
| 84.033  | D                | 67,444               | Federal Work-Study Program  |                            |                                  |                              |
| 84.042  | D                | 357,327              | TRIO Student Support Services   |                            |                                  |                              |
| 84.044  | D                | 221,498              | TRIO Talent Search  |                            |                                  |                              |
| 84.047  | D                | 216,199              | TRIO Upward Bound   |                            |                                  |                              |
| 84.063  | D                | 6,168,884            | Federal Pell Grant Program  |                            |                                  |                              |
| 84.268  | D                | 4,486,680            | Federal Direct Student Loans  |                            |                                  |                              |
| 84.425F   | D                | 1,815,849            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                                  |                              |
| 84.425M   | D                | 259,072              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                                  |                              |
|   |                  | <u>14,211,012</u>    | Total - Davidson-Davie Community College  |                            |                                  |                              |
| <b>Durham Technical Community College</b>       |                  |                      |   |                            |                                  |                              |
| 84.007  | D                | 137,472              | Federal Supplemental Educational Opportunity Grants   |                            |                                  |                              |
| 84.033  | D                | 115,546              | Federal Work-Study Program  |                            |                                  |                              |
| 84.063  | D                | 6,689,408            | Federal Pell Grant Program  |                            |                                  |                              |
| 84.268  | D                | 2,652,368            | Federal Direct Student Loans  |                            |                                  |                              |
| 84.425F   | D                | 3,713,470            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                                  |                              |
| 84.425M   | D                | 242,888              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                                  |                              |
|   |                  | <u>13,551,152</u>    | Total - Durham Technical Community College  |                            |                                  |                              |
| <b>Edgecombe Community College</b>              |                  |                      |   |                            |                                  |                              |
| 84.007  | D                | 76,791               | Federal Supplemental Educational Opportunity Grants   |                            |                                  |                              |
| 84.031  | D                | 234,419              | Higher Education Institutional Aid  |                            |                                  |                              |
| 84.033  | D                | 50,124               | Federal Work-Study Program  |                            |                                  |                              |
| 84.063  | D                | 3,539,980            | Federal Pell Grant Program  |                            |                                  |                              |
| 84.268  | D                | 2,002,081            | Federal Direct Student Loans  |                            |                                  |                              |
| 84.425E   | D                | 47,990               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                                  |                              |
| 84.425F   | D                | 380,350              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                                  |                              |
| 84.425L   | D                | 334,501              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs)     |                            |                                  |                              |
|   |                  | <u>6,666,236</u>     | Total - Edgecombe Community College   |                            |                                  |                              |
| <b>Fayetteville Technical Community College</b> |                  |                      |   |                            |                                  |                              |
| 84.007  | D                | 454,719              | Federal Supplemental Educational Opportunity Grants   |                            |                                  |                              |
| 84.033  | D                | 160,269              | Federal Work-Study Program  |                            |                                  |                              |
| 84.063  | D                | 21,999,363           | Federal Pell Grant Program  |                            |                                  |                              |
| 84.268  | D                | 14,437,455           | Federal Direct Student Loans  |                            |                                  |                              |
| 84.425E   | D                | 9,719                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                                  |                              |
| 84.425F   | D                | 3,572,845            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                                  |                              |
|   |                  | <u>40,634,370</u>    | Total - Fayetteville Technical Community College  |                            |                                  |                              |
| <b>Forsyth Technical Community College</b>      |                  |                      |   |                            |                                  |                              |
| 12.902  | I                | 1,399                | Information Security Grants   | 215112                     | University of West Florida       |                              |
| 12.903  | D                | 56,565               | GenCyber Grants Program   |                            |                                  |                              |
| 12.905  | I                | 6,051                | CyberSecurity Core Curriculum   | 22596-RS022                | Norwich University               |                              |
| 12.905  | I                | 27,796               | CyberSecurity Core Curriculum   | 4127-53903000F             | Moraine Valley Community College |                              |

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| Federal ALN  | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                            | Additional Award Information |
|--|------------------|----------------------|---|----------------------------|---|------------------------------|
| 17.261   | D                | 822,126              | WIOA Pilots, Demonstrations, and Research Projects  |                            |   |                              |
| 23.002   | D                | 165,913              | Appalachian Area Development  |                            |   |                              |
| 47.076   | D                | 230,992              | Education and Human Resources   |                            |   |                              |
| 47.076   | I                | 5,185                | Education and Human Resources   | 760-120000-669553          | Wake Forest Institute for Regenerative Medicine     |                              |
| 47.076   | I                | 26,699               | Education and Human Resources   | C2020-1                    | Center for Occupational Research & Development, Inc |                              |
| 47.076   | I                | 95,025               | Education and Human Resources   | N/A                        | Austin Community College                            |                              |
| 84.007   | D                | 421,737              | Federal Supplemental Educational Opportunity Grants   |                            |   |                              |
| 84.033   | D                | 199,866              | Federal Work-Study Program  |                            |   |                              |
| 84.042   | D                | 223,450              | TRIO Student Support Services   |                            |   |                              |
| 84.047   | D                | 204,148              | TRIO Upward Bound   |                            |   |                              |
| 84.063   | D                | 15,208,579           | Federal Pell Grant Program  |                            |   |                              |
| 84.116   | D                | 159,159              | Fund for the Improvement of Postsecondary Education   |                            |   |                              |
| 84.268   | D                | 8,073,686            | Federal Direct Student Loans  |                            |   |                              |
| 84.335   | D                | 160,559              | Child Care Access Means Parents in School   |                            |   |                              |
| 84.425E  | D                | 1,473,178            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |   |                              |
| 84.425F  | D                | 9,750,653            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |   |                              |
|  |                  | <u>37,312,766</u>    | Total - Forsyth Technical Community College   |                            |   |                              |
| <b><u>Gaston College</u></b>                       |                  |                      |   |                            |   |                              |
| 10.561   | D                | 59,439               | State Administrative Matching Grants for the Supplemental Nutrition Assistance Program  |                            |   |                              |
| 17.235   | D                | 26,913               | Senior Community Service Employment Program   |                            |   |                              |
| 17.259   | D                | 309,008              | WIOA Youth Activities   |                            |   |                              |
| 47.076   | D                | 403,449              | Education and Human Resources   |                            |   |                              |
| 84.007   | D                | 155,017              | Federal Supplemental Educational Opportunity Grants   |                            |   |                              |
| 84.033   | D                | 115,139              | Federal Work-Study Program  |                            |   |                              |
| 84.042   | D                | 273,700              | TRIO Student Support Services   |                            |   |                              |
| 84.047   | D                | 306,234              | TRIO Upward Bound   |                            |   |                              |
| 84.063   | D                | 7,172,121            | Federal Pell Grant Program  |                            |   |                              |
| 84.066   | D                | 98,364               | TRIO Educational Opportunity Centers  |                            |   |                              |
| 84.425E  | D                | 4,579                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |   |                              |
| 84.425F  | D                | 719,990              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |   |                              |
|  |                  | <u>9,643,953</u>     | Total - Gaston College  |                            |   |                              |
| <b><u>Guilford Technical Community College</u></b> |                  |                      |   |                            |   |                              |
| 64.028   | D                | 144,129              | Post-9/11 Veterans Educational Assistance   |                            |   |                              |
| 84.007   | D                | 238,261              | Federal Supplemental Educational Opportunity Grants   |                            |   |                              |
| 84.033   | D                | 313,235              | Federal Work-Study Program  |                            |   |                              |
| 84.063   | D                | 20,458,365           | Federal Pell Grant Program  |                            |   |                              |
| 84.268   | D                | 17,289,821           | Federal Direct Student Loans  |                            |   |                              |
| 84.425E  | D                | 383,331              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |   |                              |
| 84.425F  | D                | 4,809,320            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |   |                              |
| 84.425M  | D                | 311,415              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |   |                              |
|  |                  | <u>43,947,877</u>    | Total - Guilford Technical Community College  |                            |   |                              |
| <b><u>Halifax Community College</u></b>            |                  |                      |   |                            |   |                              |
| 17.258   | I                | 293,569              | WIOA Adult Program  | 9-2020/2030-21-4505-02/04  | UCPCOG - Turning Point WDB - 4505                   |                              |
| 17.267   | I                | 55,458               | Incentive Grants - WIA Section 503  | 9-2020/2030-21-4505-02/04  | UCPCOG - Turning Point WDB - 4505                   |                              |
| 84.007   | D                | 31,600               | Federal Supplemental Educational Opportunity Grants   |                            |   |                              |
| 84.033   | D                | 25,531               | Federal Work-Study Program  |                            |   |                              |
| 84.042   | D                | 467,766              | TRIO Student Support Services   |                            |   |                              |
| 84.063   | D                | 1,425,436            | Federal Pell Grant Program  |                            |   |                              |
| 84.382   | D                | 386,797              | Strengthening Minority-Serving Institutions   |                            |   |                              |
| 84.425E  | D                | 62,432               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |   |                              |

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| Federal ALN                           | Direct/ Indirect | Program Expenditures | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---------------------------------------|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 84.425F                               | D                | 858,136              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425L                               | D                | 170,740              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs)  |                            |                          |                              |
|                                       |                  | <u>3,777,465</u>     | Total - Halifax Community College  |                            |                          |                              |
| <b>Haywood Community College</b>      |                  |                      |  |                            |                          |                              |
| 17.280                                | D                | 520,808              | WIOA Dislocated Worker National Reserve Demonstration Grants   |                            |                          |                              |
| 23.002                                | D                | 61,973               | Appalachian Area Development   |                            |                          |                              |
| 84.007                                | D                | 81,704               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                | D                | 16,107               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                | D                | 1,829,192            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F                               | D                | 120,022              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425S                               | D                | 222,230              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Assistance to Institutions of Higher Education (SAIHE) Program |                            |                          |                              |
| 84.425T                               | D                | 304,310              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Support Under the American Rescue Plan (SSARP) Program         |                            |                          |                              |
|                                       |                  | <u>3,156,346</u>     | Total - Haywood Community College  |                            |                          |                              |
| <b>Isothermal Community College</b>   |                  |                      |  |                            |                          |                              |
| 23.001                                | D                | 260,392              | Appalachian Regional Development (See individual Appalachian Programs)   |                            |                          |                              |
| 84.007                                | D                | 55,658               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                | D                | 51,938               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                | D                | 3,311,676            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                               | D                | 4,914                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                               | D                | 504,637              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|                                       |                  | <u>4,189,215</u>     | Total - Isothermal Community College   |                            |                          |                              |
| <b>James Sprunt Community College</b> |                  |                      |  |                            |                          |                              |
| 17.258                                | D                | 270,955              | WIOA Adult Program   |                            |                          |                              |
| 84.007                                | D                | 39,903               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                | D                | 32,267               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                | D                | 429,598              | TRIO Student Support Services  |                            |                          |                              |
| 84.044                                | D                | 305,242              | TRIO Talent Search   |                            |                          |                              |
| 84.047                                | D                | 337,100              | TRIO Upward Bound  |                            |                          |                              |
| 84.063                                | D                | 2,743,068            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F                               | D                | 475,738              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|                                       |                  | <u>4,633,871</u>     | Total - James Sprunt Community College   |                            |                          |                              |
| <b>Johnston Community College</b>     |                  |                      |  |                            |                          |                              |
| 47.076                                | D                | 148,388              | Education and Human Resources  |                            |                          |                              |
| 84.007                                | D                | 167,852              | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                | D                | 35,419               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                | D                | 239,012              | TRIO Student Support Services  |                            |                          |                              |
| 84.063                                | D                | 4,603,528            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F                               | D                | 4,329,999            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|                                       |                  | <u>9,524,198</u>     | Total - Johnston Community College   |                            |                          |                              |
| <b>Lenoir Community College</b>       |                  |                      |  |                            |                          |                              |
| 11.300                                | D                | 924,759              | Investments for Public Works and Economic Development Facilities   |                            |                          |                              |
| 17.258                                | D                | 243,766              | WIOA Adult Program   |                            |                          |                              |
| 17.259                                | D                | 255,687              | WIOA Youth Activities  |                            |                          |                              |
| 84.007                                | D                | 22,687               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                | D                | 59,432               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                | D                | 3,530,519            | Federal Pell Grant Program   |                            |                          |                              |

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|--|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 84.425E  | D                | 239,640              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F  | D                | 1,221,830            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|  |                  | <u>6,498,320</u>     | Total - Lenoir Community College   |                            |                          |                              |
| <b><u>Martin Community College</u></b>             |                  |                      |  |                            |                          |                              |
| 84.007   | D                | 23,603               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033   | D                | 21,436               | Federal Work-Study Program   |                            |                          |                              |
| 84.063   | D                | 1,101,897            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F  | D                | 216,899              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|  |                  | <u>1,363,835</u>     | Total - Martin Community College   |                            |                          |                              |
| <b><u>Mayland Community College</u></b>            |                  |                      |  |                            |                          |                              |
| 17.258   | I                | 180,125              | WIOA Adult Program   | 22-4020-49-1380            |                          | Region D                     |
| 17.258   | I                | 30,700               | WIOA Adult Program   | 22-4050-49-1380            |                          | Region D                     |
| 17.259   | I                | 243,374              | WIOA Youth Activities  | 22-4040-49-1380            |                          | Region D                     |
| 17.277   | I                | 32,225               | WIOA National Dislocated Worker Grants / WIA National Emergency Grants   | 22-3130-49-1380            |                          | Region D                     |
| 17.278   | I                | 127,580              | WIOA Dislocated Worker Formula Grants  | 22-4030-49-1380            |                          | Region D                     |
| 17.278   | I                | 5,497                | WIOA Dislocated Worker Formula Grants  | 22-4050-49-1380            |                          | Region D                     |
| 84.007   | D                | 23,087               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033   | D                | 26,726               | Federal Work-Study Program   |                            |                          |                              |
| 84.042   | D                | 340,510              | TRIO Student Support Services  |                            |                          |                              |
| 84.063   | D                | 927,134              | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E  | D                | 416,090              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F  | D                | 1,295,361            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425M  | D                | 50,383               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                            |                            |                          |                              |
|  |                  | <u>3,698,792</u>     | Total - Mayland Community College  |                            |                          |                              |
| <b><u>McDowell Technical Community College</u></b> |                  |                      |  |                            |                          |                              |
| 84.007   | D                | 25,686               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.031   | D                | 355,040              | Higher Education Institutional Aid   |                            |                          |                              |
| 84.033   | D                | 18,897               | Federal Work-Study Program   |                            |                          |                              |
| 84.063   | D                | 1,456,418            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E  | D                | 47,426               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F  | D                | 326,381              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425T  | D                | 66,402               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Support Under the American Rescue Plan (SSARP) Program |                            |                          |                              |
|  |                  | <u>2,296,250</u>     | Total - McDowell Technical Community College   |                            |                          |                              |
| <b><u>Mitchell Community College</u></b>           |                  |                      |  |                            |                          |                              |
| 84.007   | D                | 44,298               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033   | D                | 57,654               | Federal Work-Study Program   |                            |                          |                              |
| 84.063   | D                | 3,508,198            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E  | D                | 144,859              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F  | D                | 609,323              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425M  | D                | 94,848               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                            |                            |                          |                              |
|  |                  | <u>4,459,180</u>     | Total - Mitchell Community College   |                            |                          |                              |
| <b><u>Montgomery Community College</u></b>         |                  |                      |  |                            |                          |                              |
| 84.007   | D                | 39,733               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033   | D                | 17,532               | Federal Work-Study Program   |                            |                          |                              |
| 84.063   | D                | 957,612              | Federal Pell Grant Program   |                            |                          |                              |

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|--|------------------|----------------------|--|----------------------------|--------------------------|------------------------------|
| 84.425F                                  | D                | 711,974              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425M                                  | D                | 59,278               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                            |                            |                          |                              |
|  |                  | <u>1,786,129</u>     | Total - Montgomery Community College   |                            |                          |                              |
| <b><u>Nash Community College</u></b>     |                  |                      |  |                            |                          |                              |
| 84.007                                   | D                | 14,999               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                   | D                | 16,468               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                   | D                | 3,785,463            | Federal Pell Grant Program   |                            |                          |                              |
| 84.268                                   | D                | 949,354              | Federal Direct Student Loans   |                            |                          |                              |
| 84.425E                                  | D                | 654,848              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                  | D                | 2,020,519            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|  |                  | <u>7,441,651</u>     | Total - Nash Community College   |                            |                          |                              |
| <b><u>Pamlico Community College</u></b>  |                  |                      |  |                            |                          |                              |
| 17.258                                   | D                | 4,330                | WIOA Adult Program   |                            |                          |                              |
| 64.027                                   | D                | 2,751                | Post-9/11 Veterans Educational Assistance  |                            |                          |                              |
| 84.007                                   | D                | 10,669               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                   | D                | 4,946                | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                   | D                | 461,199              | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F                                  | D                | 141,698              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|  |                  | <u>625,593</u>       | Total - Pamlico Community College  |                            |                          |                              |
| <b><u>Piedmont Community College</u></b> |                  |                      |  |                            |                          |                              |
| 84.007                                   | D                | 26,892               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                   | D                | 21,792               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                   | D                | 1,637,433            | Federal Pell Grant Program   |                            |                          |                              |
| 84.403                                   | D                | 857,082              | Consolidated Grant to the Outlying Areas   |                            |                          |                              |
| 84.425F                                  | D                | 377,408              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425M                                  | D                | 17,542               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                            |                            |                          |                              |
| 84.425T                                  | D                | 239,914              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Support Under the American Rescue Plan (SSARP) Program |                            |                          |                              |
|  |                  | <u>3,178,063</u>     | Total - Piedmont Community College   |                            |                          |                              |
| <b><u>Pitt Community College</u></b>     |                  |                      |  |                            |                          |                              |
| 84.007                                   | D                | 140,551              | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.031                                   | D                | 82,120               | Higher Education Institutional Aid   |                            |                          |                              |
| 84.033                                   | D                | 74,962               | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                   | D                | 283,541              | TRIO Student Support Services  |                            |                          |                              |
| 84.063                                   | D                | 13,543,999           | Federal Pell Grant Program   |                            |                          |                              |
| 84.066                                   | D                | 256,160              | TRIO Educational Opportunity Centers   |                            |                          |                              |
| 84.268                                   | D                | 5,988,372            | Federal Direct Student Loans   |                            |                          |                              |
| 84.425E                                  | D                | 334                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                  | D                | 7,721,349            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425M                                  | D                | 820,775              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP)                            |                            |                          |                              |
|  |                  | <u>28,912,163</u>    | Total - Pitt Community College   |                            |                          |                              |
| <b><u>Randolph Community College</u></b> |                  |                      |  |                            |                          |                              |
| 84.007                                   | D                | 53,473               | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                   | D                | 57,140               | Federal Work-Study Program   |                            |                          |                              |
| 84.063                                   | D                | 4,125,208            | Federal Pell Grant Program   |                            |                          |                              |
| 84.425F                                  | D                | 206,226              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|  |                  | <u>4,442,047</u>     | Total - Randolph Community College   |                            |                          |                              |

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|---|------------------|----------------------|---|----------------------------|--------------------------|------------------------------|
| <b>Richmond Community College</b>       |                  |                      |   |                            |                          |                              |
| 84.007                                  | D                | 121,115              | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                  | D                | 31,742               | Federal Work-Study Program  |                            |                          |                              |
| 84.063                                  | D                | 3,098,029            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425F                                 | D                | 719,766              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
|   |                  | <u>3,970,652</u>     | Total - Richmond Community College  |                            |                          |                              |
| <b>Roanoke-Chowan Community College</b> |                  |                      |   |                            |                          |                              |
| 84.007                                  | D                | 35,555               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                  | D                | 30,147               | Federal Work-Study Program  |                            |                          |                              |
| 84.042                                  | D                | 281,322              | TRIO Student Support Services   |                            |                          |                              |
| 84.063                                  | D                | 1,020,336            | Federal Pell Grant Program  |                            |                          |                              |
|   |                  | <u>1,367,360</u>     | Total - Roanoke-Chowan Community College  |                            |                          |                              |
| <b>Robeson Community College</b>        |                  |                      |   |                            |                          |                              |
| 47.076                                  | D                | 122,252              | Education and Human Resources   |                            |                          |                              |
| 47.076                                  | I                | 9,544                | Education and Human Resources   |                            |                          |                              |
| 84.007                                  | D                | 44,800               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.031                                  | D                | 342,991              | Higher Education Institutional Aid  |                            |                          |                              |
| 84.033                                  | D                | 87,549               | Federal Work-Study Program  |                            |                          |                              |
| 84.063                                  | D                | 4,923,279            | Federal Pell Grant Program  |                            |                          |                              |
| 84.299                                  | I                | 143,284              | Indian Education - Special Programs for Indian Children   |                            |                          |                              |
| 84.425E                                 | D                | 773,685              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                 | D                | 1,685,061            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425L                                 | D                | 895,947              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Minority Serving Institutions (MSIs)     |                            |                          |                              |
|   |                  | <u>9,028,392</u>     | Total - Robeson Community College   |                            |                          |                              |
| <b>Rockingham Community College</b>     |                  |                      |   |                            |                          |                              |
| 84.007                                  | D                | 45,221               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                  | D                | 43,337               | Federal Work-Study Program  |                            |                          |                              |
| 84.042                                  | D                | 225,689              | TRIO Student Support Services   |                            |                          |                              |
| 84.063                                  | D                | 2,077,979            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425E                                 | D                | 18,266               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                 | D                | 636,195              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
| 84.425M                                 | D                | 57,371               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |                          |                              |
|   |                  | <u>3,104,058</u>     | Total - Rockingham Community College  |                            |                          |                              |
| <b>Rowan-Cabarrus Community College</b> |                  |                      |   |                            |                          |                              |
| 47.076                                  | D                | 163,476              | Education and Human Resources   |                            |                          |                              |
| 84.007                                  | D                | 63,584               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                  | D                | 69,249               | Federal Work-Study Program  |                            |                          |                              |
| 84.042                                  | D                | 228,834              | TRIO Student Support Services   |                            |                          |                              |
| 84.063                                  | D                | 7,758,330            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425E                                 | D                | 37,046               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |                          |                              |
| 84.425F                                 | D                | 1,270,467            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
|   |                  | <u>9,590,986</u>     | Total - Rowan-Cabarrus Community College  |                            |                          |                              |
| <b>Sampson Community College</b>        |                  |                      |   |                            |                          |                              |
| 84.007                                  | D                | 45,440               | Federal Supplemental Educational Opportunity Grants   |                            |                          |                              |
| 84.033                                  | D                | 34,770               | Federal Work-Study Program  |                            |                          |                              |
| 84.063                                  | D                | 3,081,584            | Federal Pell Grant Program  |                            |                          |                              |
| 84.425F                                 | D                | 2,002,616            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |                          |                              |
|   |                  | <u>5,164,410</u>     | Total - Sampson Community College   |                            |                          |                              |

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|---|------------------|----------------------|---|--|---|------------------------------|
| <b>Sandhills Community College</b>      |                  |                      |   |  |   |                              |
| 84.007                                  | D                | 75,000               | Federal Supplemental Educational Opportunity Grants   |  |   |                              |
| 84.033                                  | D                | 122,176              | Federal Work-Study Program  |  |   |                              |
| 84.063                                  | D                | 4,689,643            | Federal Pell Grant Program  |  |   |                              |
| 84.425E                                 | D                | 10,537               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |  |   |                              |
| 84.425F                                 | D                | 1,514,580            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |  |   |                              |
| 84.425M                                 | D                | 265,263              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |  |   |                              |
|   |                  | <u>6,677,199</u>     | Total - Sandhills Community College   |  |   |                              |
| <b>South Piedmont Community College</b> |                  |                      |   |  |   |                              |
| 84.007                                  | D                | 50,699               | Federal Supplemental Educational Opportunity Grants   |  |   |                              |
| 84.033                                  | D                | 28,197               | Federal Work-Study Program  |  |   |                              |
| 84.063                                  | D                | 2,371,121            | Federal Pell Grant Program  |  |   |                              |
| 84.425E                                 | D                | 932,576              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |  |   |                              |
| 84.425F                                 | D                | 1,027,907            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |  |   |                              |
|   |                  | <u>4,410,500</u>     | Total - South Piedmont Community College  |  |   |                              |
| <b>Southeastern Community College</b>   |                  |                      |   |  |   |                              |
| 17.258                                  | I                | 239,018              | WIOA Adult Program  | 0-2020-33  | Cape Fear COG   |                              |
| 17.259                                  | I                | 201,183              | WIOA Youth Activities   | 0-2030-33  | Cape Fear COG   |                              |
| 17.278                                  | I                | 118,886              | WIOA Dislocated Worker Formula Grants   | 0-2040-33  | Cape Fear COG   |                              |
| 84.007                                  | D                | 100,490              | Federal Supplemental Educational Opportunity Grants   |  |   |                              |
| 84.033                                  | D                | 13,039               | Federal Work-Study Program  |  |   |                              |
| 84.044                                  | D                | 414,370              | TRIO Talent Search  |  |   |                              |
| 84.063                                  | D                | 3,039,104            | Federal Pell Grant Program  |  |   |                              |
| 84.425E                                 | D                | 53,280               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |  |   |                              |
| 84.425F                                 | D                | 653,929              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |  |   |                              |
| 84.425M                                 | D                | 93,361               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |  |   |                              |
| 94.002                                  | D                | 108,134              | Retired and Senior Volunteer Program  |  |   |                              |
|   |                  | <u>5,034,794</u>     | Total - Southeastern Community College  |  |   |                              |
| <b>Southwestern Community College</b>   |                  |                      |   |  |   |                              |
| 43.001                                  | I                | 40,757               | Science   | ASUB00000751   | Arizona State University  |                              |
| 43.U06                                  | I                | 372,909              | U. S. National Aeronautics and Space Administration   | ASU- NASA CAN 2023-01, CCS- NASA CAN 2023-02, JCPS- NASA CAN 2023-03, MCPS- NASA CAN 2023-04, SCPS- NASA CAN 2023-05 | Appalachian State; Cherokee Central Schools; Jackson County Schools; Macon County Schools; Swain County Schools | NNX16AB87A                   |
| 84.007                                  | D                | 48,300               | Federal Supplemental Educational Opportunity Grants   |  |   |                              |
| 84.033                                  | D                | 49,268               | Federal Work-Study Program  |  |   |                              |
| 84.042                                  | D                | 326,211              | TRIO Student Support Services   |  |   |                              |
| 84.047                                  | D                | 306,184              | TRIO Upward Bound   |  |   |                              |
| 84.063                                  | D                | 3,001,520            | Federal Pell Grant Program  |  |   |                              |
| 84.268                                  | D                | 688,452              | Federal Direct Student Loans  |  |   |                              |
| 84.425E                                 | D                | 61,760               | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |  |   |                              |
| 84.425F                                 | D                | 1,114,487            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |  |   |                              |
|   |                  | <u>6,009,848</u>     | Total - Southwestern Community College  |  |   |                              |
| <b>Stanly Community College</b>         |                  |                      |   |  |   |                              |
| 84.007                                  | D                | 58,036               | Federal Supplemental Educational Opportunity Grants   |  |   |                              |
| 84.033                                  | D                | 65,700               | Federal Work-Study Program  |  |   |                              |
| 84.063                                  | D                | 3,395,360            | Federal Pell Grant Program  |  |   |                              |
| 84.425E                                 | D                | 5,292                | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |  |   |                              |
| 84.425F                                 | D                | 1,227,110            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |  |   |                              |
|   |                  | <u>4,751,498</u>     | Total - Stanly Community College  |  |   |                              |

State of North Carolina

Schedule of Expenditures of Federal Awards (By State Agency)

For the Fiscal Year Ended June 30, 2023

| Federal ALN                              | Direct/ Indirect | Program Expenditures | ALN Program Title   | Pass-Through Entity Number | Pass-Through Entity Name                   | Additional Award Information |
|--|------------------|----------------------|---|----------------------------|--|------------------------------|
| <b>Surry Community College</b>           |                  |                      |   |                            |  |                              |
| 84.007                                   | D                | 68,513               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033                                   | D                | 66,835               | Federal Work-Study Program  |                            |  |                              |
| 84.063                                   | D                | 3,335,562            | Federal Pell Grant Program  |                            |  |                              |
| 84.425E                                  | D                | 870,657              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |  |                              |
| 84.425F                                  | D                | 2,349,131            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |  |                              |
|  |                  | <u>6,690,698</u>     | Total - Surry Community College   |                            |  |                              |
| <b>Tri-County Community College</b>      |                  |                      |   |                            |  |                              |
| 23.009                                   | D                | 933,294              | Appalachian Local Development District Assistance   |                            |  |                              |
| 84.007                                   | D                | 26,600               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033                                   | D                | 19,099               | Federal Work-Study Program  |                            |  |                              |
| 84.063                                   | D                | 1,431,238            | Federal Pell Grant Program  |                            |  |                              |
|  |                  | <u>2,410,231</u>     | Total - Tri-County Community College  |                            |  |                              |
| <b>Vance-Granville Community College</b> |                  |                      |   |                            |  |                              |
| 10.310                                   | D                | 46,228               | Agriculture and Food Research Initiative (AFRI)   |                            |  |                              |
| 17.259                                   | D                | 91,873               | WIOA Youth Activities   |                            |  |                              |
| 17.287                                   | D                | 186,579              | Job Corps Experimental Projects and Technical Assistance  |                            |  |                              |
| 20.215                                   | D                | 29,234               | Highway Training and Education  |                            |  |                              |
| 64.027                                   | D                | 31,363               | Post-9/11 Veterans Educational Assistance   |                            |  |                              |
| 84.007                                   | D                | 149,287              | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033                                   | D                | 21,299               | Federal Work-Study Program  |                            |  |                              |
| 84.063                                   | D                | 3,909,997            | Federal Pell Grant Program  |                            |  |                              |
| 84.425F                                  | D                | 379,123              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |  |                              |
|  |                  | <u>4,844,983</u>     | Total - Vance-Granville Community College   |                            |  |                              |
| <b>Wake Technical Community College</b>  |                  |                      |   |                            |  |                              |
| 21.027                                   | I                | 553,147              | COVID-19 - Coronavirus State and Local Fiscal Recovery Funds  | EC00000000008456           | Wake County                                |                              |
| 47.076                                   | D                | 738,401              | Education and Human Resources   |                            |  |                              |
| 47.076                                   | I                | 4,150                | Education and Human Resources   | AACC-13900-017             | American Association of Community Colleges |                              |
| 84.007                                   | D                | 629,945              | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.033                                   | D                | 88,259               | Federal Work-Study Program  |                            |  |                              |
| 84.063                                   | D                | 28,532,959           | Federal Pell Grant Program  |                            |  |                              |
| 84.116                                   | D                | 72,562               | Fund for the Improvement of Postsecondary Education   |                            |  |                              |
| 84.141                                   | D                | 480,602              | Migrant Education High School Equivalency Program   |                            |  |                              |
| 84.268                                   | D                | 24,360,378           | Federal Direct Student Loans  |                            |  |                              |
| 84.425E                                  | D                | 4,662,855            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |  |                              |
| 84.425F                                  | D                | 9,022,382            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |  |                              |
| 84.425M                                  | D                | 445,060              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |  |                              |
|  |                  | <u>69,590,700</u>    | Total - Wake Technical Community College  |                            |  |                              |
| <b>Wayne Community College</b>           |                  |                      |   |                            |  |                              |
| 17.258                                   | I                | 158,426              | WIOA Adult Program  | 2020-40-6331-09            | Workforce Development Board                |                              |
| 17.259                                   | I                | 122,712              | WIOA Youth Activities   | 2040-40-6331-09            | Workforce Development Board                |                              |
| 17.278                                   | I                | 6,496                | WIOA Dislocated Worker Formula Grants   | 2030-40-6331-09            | Workforce Development Board                |                              |
| 47.076                                   | D                | 2,054                | Education and Human Resources   |                            |  |                              |
| 84.007                                   | D                | 46,622               | Federal Supplemental Educational Opportunity Grants   |                            |  |                              |
| 84.031                                   | D                | 422,663              | Higher Education Institutional Aid  |                            |  |                              |
| 84.033                                   | D                | 54,435               | Federal Work-Study Program  |                            |  |                              |
| 84.063                                   | D                | 5,117,042            | Federal Pell Grant Program  |                            |  |                              |
| 84.425E                                  | D                | 1,751,081            | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion                      |                            |  |                              |
| 84.425F                                  | D                | 779,467              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion                |                            |  |                              |
| 84.425M                                  | D                | 466,860              | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Strengthening Institutions Program (SIP) |                            |  |                              |
| 93.498                                   | D                | 17,820               | COVID-19 - Provider Relief Fund   |                            |  |                              |
|  |                  | <u>8,945,678</u>     | Total - Wayne Community College   |                            |  |                              |



State of North Carolina

**Schedule of Expenditures of Federal Awards (By State Agency)**

For the Fiscal Year Ended June 30, 2023

| Federal ALN                                 | Direct/ Indirect | Program Expenditures     | ALN Program Title  | Pass-Through Entity Number | Pass-Through Entity Name | Additional Award Information |
|---|------------------|--------------------------|--|----------------------------|--------------------------|------------------------------|
| <b>Western Piedmont Community College</b>   |                  |                          |  |                            |                          |                              |
| 84.007                                      | D                | 52,773                   | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                      | D                | 32,794                   | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                      | D                | 273,322                  | TRIO Student Support Services  |                            |                          |                              |
| 84.044                                      | D                | 328,575                  | TRIO Talent Search   |                            |                          |                              |
| 84.063                                      | D                | 2,781,835                | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                                     | D                | 316,847                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                     | D                | 584,509                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
| 84.425S                                     | D                | 57,027                   | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Supplemental Assistance to Institutions of Higher Education (SAIHE) Program |                            |                          |                              |
|   |                  | <u>4,427,682</u>         | Total - Western Piedmont Community College   |                            |                          |                              |
| <b>Wilkes Community College</b>             |                  |                          |  |                            |                          |                              |
| 84.007                                      | D                | 28,750                   | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                      | D                | 56,452                   | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                      | D                | 366,503                  | TRIO Student Support Services  |                            |                          |                              |
| 84.063                                      | D                | 3,247,172                | Federal Pell Grant Program   |                            |                          |                              |
| 84.425E                                     | D                | 21,415                   | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
|   |                  | <u>3,720,292</u>         | Total - Wilkes Community College   |                            |                          |                              |
| <b>Wilson Community College</b>             |                  |                          |  |                            |                          |                              |
| 84.007                                      | D                | 59,467                   | Federal Supplemental Educational Opportunity Grants  |                            |                          |                              |
| 84.033                                      | D                | 21,579                   | Federal Work-Study Program   |                            |                          |                              |
| 84.042                                      | D                | 248,104                  | TRIO Student Support Services  |                            |                          |                              |
| 84.047                                      | D                | 195,138                  | TRIO Upward Bound  |                            |                          |                              |
| 84.063                                      | D                | 2,363,369                | Federal Pell Grant Program   |                            |                          |                              |
| 84.268                                      | D                | 897,623                  | Federal Direct Student Loans   |                            |                          |                              |
| 84.425E                                     | D                | 696,684                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Student Aid Portion   |                            |                          |                              |
| 84.425F                                     | D                | 385,316                  | COVID-19 - Education Stabilization Fund - Higher Education Emergency Relief Fund (HEERF) Institutional Aid Portion   |                            |                          |                              |
|   |                  | <u>4,867,280</u>         | Total - Wilson Community College   |                            |                          |                              |
|   |                  | <u>595,317,380</u>       | Total - Community Colleges   |                            |                          |                              |
| <b>Other Component Units:</b>               |                  |                          |  |                            |                          |                              |
| <b>North Carolina State Ports Authority</b> |                  |                          |  |                            |                          |                              |
| 97.056                                      | D                | 1,021,707                | Port Security Grant Program  |                            |                          |                              |
|   |                  | <u>1,021,707</u>         | Total - North Carolina State Ports Authority   |                            |                          |                              |
| <b>North Carolina Global Transpark</b>      |                  |                          |  |                            |                          |                              |
| 11.031                                      | D                | 39,155                   | Broadband Infrastructure Program   |                            |                          |                              |
|   |                  | <u>39,155</u>            | Total - North Carolina Global Transpark  |                            |                          |                              |
|   |                  | <u>1,060,862</u>         | Total - Other Component Units  |                            |                          |                              |
|   |                  | <u>3,822,210,517</u>     | Total - Component Units  |                            |                          |                              |
|   |                  | <u>\$ 35,067,167,887</u> | <b>Total Expenditures of Federal Awards</b>  |                            |                          |                              |

N/A = Not Available

D = Direct Federal Assistance - Assistance received directly from the federal government or received in a pass-through relationship from other State entities.

I = Indirect Federal Assistance - Assistance received in a pass-through relationship from entities other than the federal government or other State entities.

The accompanying notes are an integral part of this schedule.

Notes to the Schedule of Expenditures of Federal Awards

June 30, 2023

**Note 1: Summary of Significant Accounting Policies**

**A. Basis of Presentation**

The accompanying Schedule of Expenditures of Federal Awards is presented in accordance with requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). The Schedule appears in three formats:

- Summary – The summary schedule reports expenditures of federal awards by program or program cluster.
- Detail – The detail schedule presents federal programs by federal agency and lists individual programs within program clusters.
- By State Agency – The schedule by state agency presents expenditures of federal awards by state agency and by program. In some instances, federal funds have been transferred from one state agency to another to be expended in the same program. When this is the case, the expenditure of federal awards has been reported under the organization which received the funds directly from the Federal Government.

Federal Assistance Listing Numbers (ALN) is a government-wide compendium of individual federal programs where each program is assigned a five-digit program identification number (ALN) and program name. The accompanying schedules reflect the program names and ALN assigned by the <https://sam.gov> website. Programs without an ALN are presented with the federal agency's two-digit prefix followed by U with a two-digit number. If the federal program is part of the Research and Development (R&D) cluster and the extension is not known, RD is placed in the three-digit extension field.

**B. Reporting Entity**

The State of North Carolina financial reporting entity is fully described in Note 1 to the financial statements. The financial reporting entity includes (1) the primary government, (2) organizations for which the primary government is financially accountable, and (3) other organizations for which the nature and significance of their relationship with the primary government are such that exclusion would cause the primary government's financial statements to be misleading or incomplete.

The accompanying Schedule of Expenditures of Federal Awards includes all federal programs administered by the

state financial reporting entity except the programs of the State Education Assistance Authority, North Carolina Housing Finance Agency, Economic Development Partnership of North Carolina, Inc., UNC Rockingham Health Care, Inc., Caldwell Memorial Hospital, Inc., Chatham Hospital, Inc., UNC Physicians Network LLC, and Rex Hospital. These agencies issue separate reports for their programs.

**C. Basis of Accounting**

An award is considered expended when the activity related to the award occurs. The activity generally pertains to events requiring compliance with laws, regulations, and the provisions of contract and grant agreements. Specific transaction types have been recognized as follows:

*Direct Costs:* Direct costs have been recognized on the cash basis of accounting, that is, when cash is disbursed rather than when the charge is incurred.

*Indirect costs:* Indirect costs are recovered from the federal government by applying a federally approved indirect cost rate or by allocating these costs among benefiting programs in accordance with a federally approved plan. Each program's share of indirect costs is recognized on the accompanying Schedule of Expenditures of Federal Awards.

The State of North Carolina has elected not to use the 10% de minimus indirect cost rate as allowed under the Uniform Guidance.

*Loan and loan guarantee transactions:*

- Federal Perkins Loan Program -Federal Capital Contributions (ALN 84.038), Nurse Faculty Loan Program (ALN 93.264), Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students ( ALN 93.342), Nursing Student Loans (ALN 93.364) – Expenditures of federal awards in the accompanying Schedule of Expenditures of Federal Awards include the value of new loans made during the year, the balance of loans from previous years with federal continuing compliance requirements, federal capital contributions received during the year, interest subsidy, and administrative cost allowances. Loan balances outstanding at year-end are disclosed in Note 2.
- Federal Direct Student Loans (ALN 84.268) – These loans are made by outside lenders to students at institutions of higher education within the State reporting entity. The institutions are responsible for certain administrative requirements for new loans. As a result, the value of loans made during the year and administrative cost allowances are recognized as expenditures of federal awards in the accompanying Schedule of Expenditures of Federal Awards.

**Notes to the Schedule of Expenditures of Federal Awards**

June 30, 2023

The balance of loans for previous years is not included because the lender accounts for the prior balances.

- Capitalization Grants for Clean Water State Revolving Funds (ALN 66.458) and Capitalization Grants for Drinking Water State Revolving Funds (ALN 66.468) - The state receives capitalization grants to create and maintain the Clean Water State Revolving Fund (CWSRF) and the Drinking Water State Revolving Fund (DWSRF). Both programs offer long-term low interest rate loans to local cities, towns and municipalities. Capitalization Grants received for the CWSRF for the year ended June 30, 2023 were \$52,607,704 and are included on the schedule. Capitalization Grants received for the DWSRF for the fiscal year ended June 30, 2023 were \$62,963,684 and are also included on the schedule. There are no outstanding loan balances at the end of the audit period.

*Other non-cash assistance:*

The State of North Carolina participated in several federal programs in which non-cash benefits are provided through the state to eligible participants. These include:

- Food Distribution Programs – Food commodities donated to the N.C. Department of Agriculture are reported at the value assigned by the U.S. Department of Agriculture. The Schedule of Expenditures of Federal Awards includes commodity distributions of:

| <u>Program</u>  | <u>ALN</u> | <u>Non-Cash Value</u> |
|---|------------|-----------------------|
| Nation School Lunch Program   | 10.555     | \$57,970,153          |
| Commodity Supplemental Food Program   | 10.565     | \$5,851,133           |
| Emergency Food Assistance Program (Administrative Cost)   | 10.568     | \$6,368,034           |
| Emergency Food Assistance Program (Food Commodities)  | 10.569     | \$24,235,666          |
| Emergency Food Assistance Program (TEFAP) Commodity Credit Corporation Eligible Recipient Funds | 10.187     | \$3,732,328           |

- Immunization Grants (ALN 93.268) – Vaccines donated to the N. C. Department of Health and Human Services are reported at the value assigned by the U.S. Department of Health and Human Services. The amount reported in the Schedule of Expenditures of Federal Awards reflects routine immunizations including seasonal influenza. The value of the vaccines for the fiscal year is \$163,610,481.
- Donation of Federal Surplus Personal Property (ALN 39.003) – Federal surplus property donated to the N.C. Department of Administration is valued at estimated fair market value at the time of receipt. The non-cash value during the fiscal year is reported as expenditures in the Schedule of Expenditures of Federal Awards. The estimated value during the fiscal year was \$3,245,824.

**Note 2: Federal Loans Outstanding**

The State of North Carolina had the following federal loan balances outstanding at year-end:

| <u>Program</u>  | <u>ALN</u> | <u>Amount Outstanding</u> |
|---|------------|---------------------------|
| Federal Perkins Loan Program - Federal Capital Contributions                                    | 84.038     | \$14,628,799              |
| Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students | 93.342     | \$3,947,595               |
| Nursing Student Loans   | 93.364     | \$440,417                 |
| Nurse Faculty Loan Program  | 93.264     | \$699,313                 |

**Note 3: Unemployment Insurance**

State unemployment tax revenues and payments in lieu of taxes are combined with federal funds and used to pay benefits under the Unemployment Insurance program (ALN 17.225). The state and federal portions of the total expenditures reported on the Schedule were \$165,659,453 and \$220,394,206 respectively.

**Note 4: Pass-Through Awards**

Uniform Guidance defines a subrecipient as an entity that expends federal awards that are received from a pass-through entity to carry out a federal program. The total amount provided to subrecipients from each federal program is separately identified in the accompanying Summary and Federal Detail Schedule of Expenditures of Federal Awards.

**Notes to the Schedule of Expenditures of Federal Awards**

June 30, 2023

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Note: Certain transactions relating to federal financial assistance may appear in the records of more than one state recipient agency. To avoid duplication and the overstatement of the aggregate level of federal financial assistance expended by the State of North Carolina, when federal financial assistance is received by one state recipient agency and redistributed to another state agency (i.e., a pass-through of funds by the primary recipient state agency to a subrecipient state agency), the federal financial assistance will be reflected as expenditures by the primary recipient state agency.

**Summary Schedule of Prior Audit Findings  
For the Year Ended June 30, 2023**



## State of North Carolina Office of the State Controller

**NELS C. ROSELAND**  
**STATE CONTROLLER**

March 18, 2024

The Honorable Jessica N. Holmes, State Auditor  
North Carolina Office of the State Auditor  
20601 Mail Service Center  
Raleigh, NC 27699

Dear Auditor Holmes:

We are providing the following summary schedule of prior audit findings in connection with your audit of the major federal programs of the State of North Carolina for the year ended June 30, 2023, in accordance with the Single Audit Act and the audit requirements of Title 2 *U.S. Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

In accordance with 2 CFR 200.511(b), a summary schedule, has been prepared to report the status of all findings included in the fiscal year 2022 schedule of findings and questioned costs and the findings reported in the fiscal year 2022 Summary Schedule of Prior Audit Findings that were not corrected in accordance with 2 CFR 200.511(b)(2).

Respectfully Submitted,

Nels C. Roseland

MAILING ADDRESS: 1410 Mail Service Center, Raleigh, North Carolina 27699-1410  
STREET ADDRESS: 3514 Bush Street, Raleigh, North Carolina 27609  
Phone (919) 707-0500 ~ <http://www.osc.nc.gov> ~ An EEO/AA/AWD Employer

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding  |
|----------------------------|---------------------------|--|
| 2019-013                   | Public Instruction        | <p><u>Errors in Reported State Per Pupil Expenditures</u></p> <p>Full corrective action has been taken.</p>  |
| 2019-055                   | Health and Human Services | <p><u>Deficiencies in the TANF Eligibility Determination Process</u></p> <p>Full corrective action has been taken.</p>   |
| 2019-067                   | Health and Human Services | <p><u>Subrecipient Monitoring Procedures Need Improvement</u></p> <p>Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMH/DD/SUS) revised its Annual Systems Performance Review monitoring tools for the six Local Management Entity/Managed Care Organizations (LME/MCO) to include the Opioid State Targeted Response (Opioid) grant. DMH/DD/SUS' corrective action was not fully implemented as a regulatory pause was implemented in March 2020 due to the Coronavirus (Covid-19) pandemic. Governor Cooper's COVID state of emergency ended on August 15, 2022, and we are mindful that the Local Management Entity / Managed Care Organizations (LME/MCOs) are actively ramping up to launch as Tailored Plans. DMH/DD/SUS is currently revising its subrecipient monitoring plan and currently has a new monitoring policy in draft form awaiting approval. The new monitoring policy will deviate from an annual performance review of expenditures to a monthly expenditure review which will entail a review of a sample comprised of all state and federal funding sources. DMH/DD/SUS anticipates implementation of the new monitoring process by December 31, 2023.</p> <p>Further, DMH/DD/SUS processes were updated to ensure that the federal regulations requiring specific award notifications are met. The allocation letters to subrecipients were updated to include all required federal award information and are currently in active use. The process requires the use of a template that includes all required elements for allocation letters.</p> |
| 2019-069                   | Health and Human Services | <p><u>Subrecipient Monitoring Needs Improvement</u></p> <p>Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities, and Substance Use Services' (DMH/DD/SUS) corrective action was not fully implemented as a regulatory pause was implemented in March 2020 due to the Coronavirus (Covid-19) pandemic. Governor Cooper's COVID state of emergency ended on August 15, 2022, and we are mindful that the Local Management Entity / Managed Care Organizations (LME/MCOs) are actively ramping up to launch as Tailored Plans. DMH/DD/SUS reviewed its existing settlement (monitoring process) and is currently revising the monitoring plan and monitoring procedures from an annual settlement process to monthly fiscal review for LME/MCOs to ensure timely review of funding during the current fiscal year. DMH/DD/SUS anticipates implementation of the new monitoring process by December 31, 2023.</p>   |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding  |
|----------------------------|---------------------------|--|
| 2020-035                   | Health and Human Services | <p>Further, DMH/DD/SUS processes were updated to ensure that the federal regulations requiring specific award notifications are met. The allocation letters to subrecipients were updated to include all required federal award information and are currently in active use. The process requires the use of a template that includes all required elements for allocation letters.</p> <p><u>Deficiencies in the CHIP and Medicaid Provider Enrollment and Termination Process</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) implemented Customer Service Request (CSR) 2435 to conduct primary source verification on all re-verification applications and implemented CSR 2460 to automate searches of the Provider Penalty Tracking Database (PPTD) and Adverse Action Reports (AAR). Additionally, DHB modified NC Tracks to route Managed Changed Requests (MCRs) to the Fiscal Agent operations team for review if the provider disclosed new information in response to exclusion/sanction questions. Also, DHB implemented two additional CSRs: 1) CSR 2491 to automate the licensure file feed from the North Carolina Nursing Board (NC BON), providing accurate data on NC BON license renewals directly; and 2) CSRS 2492, to automate the licensure file feed from the NC Division of Health Service Regulation (NC DHSR), providing accurate data on Division of Health Service Regulation license renewals.</p> <p>Once the Public Health Emergency was lifted on May 11, 2023, DHB resumed reverification activities utilizing the automated processes noted above. DHB will continue to monitor the new system changes through December 31, 2023, to ensure the system continues to work as designed.</p> <p><i>Anticipated Completion Date:</i> December 31, 2023.</p> |
| 2020-036                   | Health and Human Services | <p><u>CHIP and Medicaid Provider Enrollment Screening Process Needs Improvement</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) implemented provider ownership verification by checking in-state providers with multiple locations against Medicare's Provider Enrollment Chain and Ownership System (PECOS) enrollment data prior to enrollment. The Division also created an attestation statement for providers to acknowledge the accuracy and completeness of the business type and owners, agents, and managing employees.</p> <p>Once the Public Health Emergency was lifted on May 11, 2023, and reverification activity resumed, DHB conducted targeted monitoring efforts to ensure the CSR requirements were being met.</p> <p>To fully mitigate the risk identified in this finding, DHB will implement a Provider Data Management / Credential Verification Organization (PDM/VCO) module as part of a larger Medicaid Enterprise System (MES) initiative. The PDM/CVO solution will include mitigation efforts for border and out-of-state providers. The anticipated implementation date for the PDM/CVO is September 2024.</p>  |



**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding  |
|----------------------------|---------------------------|--|
|                            |                           | <p>Reference the below link for PDM/CVO Details:</p> <p><a href="https://medicaid.ncdhhs.gov/providers/provider-data-management-credentialing-verification-organization">https://medicaid.ncdhhs.gov/providers/provider-data-management-credentialing-verification-organization</a>.</p> <p><i>Anticipated Completion Date:</i> September 30, 2024.</p>  |
| 2020-037                   | Health and Human Services | <p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. On September 7, 2020, the Division of Health Benefits (DHB) issued a File Maintenance Request (FMR) to the Fiscal Agent to reprocess claims that were incorrectly paid to the Medicaid provider. DHB followed up with the Fiscal Agent on March 2, 2021, to confirm and correct any remaining claims processing issues. Provider Education letters were mailed to the providers with overpayments on August 25, 2021.</p> <p>DHB will schedule and conduct a post payment review of the providers with overpayment to ensure errors do not continue to occur.</p> <p><i>Anticipated Completion Date:</i> February 29, 2024.</p>   |
| 2020-039                   | Health and Human Services | <p><u>Deficiencies in the CHIP and Medicaid Provider Enrollment and Termination Process</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) implemented Customer Service Request (CSR) 2435 to conduct primary source verification of all re-verification applications and implemented CSR 2460 to automate searches of the Provider Penalty Tracking Database (PPTD) and Adverse Action Reports (AAR). Additionally, DHB modified NC Tracks to route Managed Changed Requests (MCRs) to the Fiscal Agent operations team for review if the provider disclosed new information in response to exclusion/sanction questions. Also, DHB implemented two additional CSRs: 1) CSR 2491 to automate the licensure file feed from the North Carolina Nursing Board (NC BON), providing accurate data on NC BON license renewals directly; and 2) CSRS 2492, to automate the licensure file feed from the NC Division of Health Service Regulation (NC DHSR), providing accurate data on Division of Health Service Regulation license renewals.</p> <p>Once the Public Health Emergency was lifted on May 11, 2023, DHB resumed reverification activities utilizing the automated processes noted above. DHB will continue to monitor the new system changes through December 31, 2023, to ensure the system continues to work as designed.</p> <p><i>Anticipated Completion Date:</i> December 31, 2023.</p> |
| 2020-040                   | Health and Human Services | <p><u>CHIP and Medicaid Provider Enrollment Screening Process Needs Improvement</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) implemented provider ownership verification by checking in-state providers with multiple locations against Medicare’s Provider Enrollment Chain and Ownership System (PECOS) enrollment data prior to enrollment. The Division also created an attestation statement for providers to acknowledge the</p>   |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| Original Finding Number ** | State Department   | Current Status of Prior Audit Finding  |
|----------------------------|--|--|
|                            |  | <p>accuracy and completeness of the business type and owners, agents, and managing employees.</p> <p>Once the Public Health Emergency was lifted on May 11, 2023, and reverification activity resumed, DHB conducted targeted monitoring efforts to ensure the CSR requirements were being met.</p> <p>To fully mitigate the risk identified in this finding, DHB will implement a Provider Data Management/Credential Verification Organization (PDM/CVO) module, as part of the larger Medicaid Enterprise System (MES) initiative. The PDM/CVO solution will include mitigation efforts for border and out-of-state providers. The anticipated implementation date for the PDM/CVO is September 2024.</p> <p>Reference the below link for PDM/CVO Details:<br/> <a href="https://medicaid.ncdhhs.gov/providers/provider-data-management-credentialing-verification-organization">https://medicaid.ncdhhs.gov/providers/provider-data-management-credentialing-verification-organization</a>.</p> <p><i>Anticipated Completion Date:</i> September 30, 2024.</p> |
| 2021-001                   | Office of the Governor – Office of State Budget and Management | <p><u>Inadequate Monitoring of Coronavirus Relief Funds</u></p> <p>Full corrective action has been taken.</p>  |
| 2021-002                   | Public Safety  | <p><u>Errors in Program Spending</u></p> <p>Partial corrective action has been taken. The North Carolina Office of Recovery and Resiliency (NCORR) will continue to examine the amounts related to the duplicate expenditures recorded in the reclassification entries and resolve any issues by 12/31/2024. Remaining awards in question are in the Recapture process and either have or are in line to receive notices from our Finance Department by the end of the year. As providing notices is the final step in NCORR’s available resources to recapturing funds, NCORR has requested guidance from UST on further action that could be taken to assist in completing full recapture of the noted funds.</p>  |
| 2021-015                   | Public Instruction   | <p><u>Errors in FFATA Reporting</u></p> <p>Partial corrective action has been taken. System limitations continue to be an issue as we attempt to comply with FFATA. We have received positive feedback from USED regarding our reporting. We will continue working diligently in this effort.</p>  |
| 2021-016                   | Public Instruction   | <p><u>Inadequate Monitoring</u></p> <p>Full corrective action has been taken.</p>  |
| 2021-020                   | Health and Human Services                                      | <p><u>Errors in FFATA Reporting</u></p> <p>Partial corrective action has been taken. In April and June 2023, the Business Operations Budget section filled two Budget Analyst positions responsible for</p>  |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| Original Finding Number ** | State Department   | Current Status of Prior Audit Finding   |
|----------------------------|--|---|
|                            |  | <p>the Federal Funding Accountability and Transparency Act (FFATA) reporting process. A Budget Analyst has been assigned and plans to ensure the accurate and timely completion of FFATA reports while simultaneously considering the urgency and importance of other critical tasks.</p> <p><i>Anticipated Completion Date:</i> November 30, 2023.</p>   |
| 2021-021                   | Health and Human Services                                      | <p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) issued Tentative Notice of Decision (TND) letters to the providers identified in this finding on September 20, 2022.</p> <p>DHB will issue provider education letters and conduct a post payment review of the providers identified in this finding to ensure errors do not continue to occur.</p> <p><i>Anticipated Completion Date:</i> February 29, 2024.</p>   |
| 2022-001                   | Health and Human Services                                      | <p><u>Subrecipients Were Not Paid Timely</u></p> <p>Partial corrective action has been taken. The Division of Aging and Adult Services (DAAS) is actively working on filling vacancies and implementing internal controls to process invoices and ensure timely payments are made to subrecipients to fulfill the corrective action requirements. The anticipated completion date is December 31, 2023.</p>   |
| 2022-002                   | Commerce   | <p><u>Administration Funds Used for Unallowable Activities</u></p> <p>Full corrective action has been taken.</p>  |
| 2022-003                   | Office of the Governor – Office of State Budget and Management | <p><u>Inadequate Monitoring of Coronavirus Relief Funds</u></p> <p>Full corrective action has been taken.</p>   |
| 2022-004                   | Public Safety  | <p><u>Errors in Program Spending</u></p> <p>Partial corrective action has been taken. Currently, all awards that have not been resolved remain in a Recapture status or FWA (Fraud, Waste, and Abuse) status. After further case management, NCORR has resolved 28 applicant awards and determined they should not be placed in recapture. Case management totaled all months of assistance each applicant received across all applications at the correct CAP value. If the amount awarded did not exceed the amount that should have been awarded at CAP value for the max amount of 15 months, the North Carolina Office of Recovery and Resiliency (NCCOR) considers this allowable. Applicant awards that did exceed the allowable 15 months of assistance continued with Recapture. The awards in question are in the Recapture process and either have or are in line to receive notices from our Finance Department by 12/31/2024. As providing notices is the final step in NCORR’s available resources to recapturing funds, NCORR has requested guidance from UST on further action that could be taken to assist in completing full recapture of the noted funds. Remaining awards that</p> |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| Original Finding Number ** | State Department                   | Current Status of Prior Audit Finding  |
|----------------------------|------------------------------------|--|
|                            |                                    | have an FWA status have been reviewed by the FWA team, placed into Recapture and sent to the authorities for further action.   |
| 2022-005                   | Central Piedmont Community College | <u>Enrollment Status Reporting Errors</u><br>Full corrective action has been taken.  |
| 2022-006                   | Lenoir Community College           | <u>Enrollment Status Reporting Errors</u><br>Full corrective action has been taken.  |
| 2022-007                   | Western Piedmont Community College | <u>Enrollment Status Reporting Errors</u><br>Full corrective action has been taken.  |
| 2022-008                   | Public Instruction                 | <u>Errors on FFATA Reporting</u><br>Partial corrective action has been taken. System limitations continue to be an issue as we attempt to comply with FFATA. We have received positive feedback from USED regarding our reporting. We will continue working diligently in this effort. |
| 2022-009                   | Public Instruction                 | <u>Incomplete Monitoring</u><br>Full corrective action has been taken.   |
| 2022-010                   | Public Instruction                 | <u>Incomplete Monitoring</u><br>Full corrective action has been taken.   |
| 2022-011                   | Public Instruction                 | <u>Errors in FFATA Reporting</u><br>Partial corrective action has been taken. System limitations continue to be an issue as we attempt to comply with FFATA. We have received positive feedback from USED regarding our reporting. We will continue working diligently in this effort. |
| 2022-012                   | Public Instruction                 | <u>Incomplete Monitoring</u><br>Full corrective action has been taken.   |
| 2022-013                   | Public Instruction                 | <u>Errors in FFATA Reporting</u><br>Partial corrective action has been taken. System limitations continue to be an issue as we attempt to comply with FFATA. We have received positive feedback from USED regarding our reporting. We will continue working diligently in this effort. |
| 2022-014                   | Public Instruction                 | <u>Incomplete Monitoring</u><br>Full corrective action has been taken.   |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding   |
|----------------------------|---------------------------|---|
| 2022-015                   | Health and Human Services | <p><u>Immunization Funds Used for Unallowable Activities</u></p> <p>Full corrective action has been taken.</p>  |
| 2022-016                   | Health and Human Services | <p><u>Errors in FFATA Reporting</u></p> <p>Full corrective action has been taken.</p>   |
| 2022-017                   | Health and Human Services | <p><u>Deficiencies in the TANF Eligibility Determination Process</u></p> <p>Full corrective action has been taken.</p>  |
| 2022-018                   | Health and Human Services | <p><u>FFATA Reporting Not Completed</u></p> <p><u>The Department of Health and Human Services (DHHS)</u></p> <p>Partial corrective action has been taken. The Department completed the Federal Funding Accountability Transparent Act (FFATA) Data Reporting Form and provided directions to divisions on the use of the form. This action was completed on March 31, 2023.</p> <p><u>Division of Child Development and Early Education</u></p> <p>DCDEE has taken full corrective action.</p> <p><u>Division of Social Services</u></p> <p>In April and June 2023, the Business Operations Budget section filled two Budget Analyst positions responsible for the FFATA reporting process. A Budget Analyst has been assigned and plans to ensure the accurate and timely completion of FFATA reports while simultaneously considering the urgency and importance of other critical tasks.</p> <p><i>Anticipated Completion Date:</i> November 30, 2023.</p> |
| 2022-019                   | Health and Human Services | <p><u>Inaccurate TANF Data on Families Was Submitted to the Federal Government</u></p> <p>Partial corrective action has been taken. In June 2023, the Applications System Specialist from the Client Services Data Warehouse updated the code used to calculate the number of families receiving assistance to produce a de-duplicated count of families. The code has been validated and implemented.</p> <p>In June 2019, the NC FAST staff created a table to capture participant months. In July 2023, the Applications System Specialist from the Client Services Data Warehouse Team updated the ACF-199 code to pull month counts from this table.</p> <p>The Performance Management team is currently testing and validating the results of the new code and will resubmit reports for FY 2023, quarters one</p>  |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding  |
|----------------------------|---------------------------|--|
| 2022-020                   | Health and Human Services | <p>and two, to the Administration for Children and Families (ACF) during the submission timeframe.</p> <p><i>Anticipated Completion Date:</i> February 28, 2024.</p> <p><u>FFATA Reporting Not Completed</u></p> <p><u>Division of Social Services</u></p> <p>Partial corrective action has been taken. In April and June 2023, the Business Operations Budget section filled two Budget Analyst positions responsible for the Federal Funding Accountability and Transparency Act (FFATA) reporting process. A Budget Analyst has been assigned and plans to ensure the accurate and timely completion of FFATA reports while simultaneously considering the urgency and importance of other critical tasks.</p> <p><i>Anticipated Completion Date:</i> November 30, 2023.</p> <p><u>The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMH/DD/SUS)</u></p> <p>DMH/DD/SUS is currently updating its processes to ensure complete and accurate Social Services Block Grant (SSBG) information is submitted to the FFATA Subaward Reporting System (FSRS). DMHDD/SUS is in the process of filling vacant positions to support resolution of the corrective action plan and has developed new policies and procedures that are in draft awaiting approval. DMHDD/SUS anticipates resolution of errors in FFATA reporting to be complete by December 29, 2023.</p> <p><u>The Department of Health and Human Services (DHHS)</u></p> <p>The Department completed the FFATA Data Reporting Form and provided directions to divisions on the use of the form. This action was completed on March 31, 2023.</p> |
| 2022-021                   | Health and Human Services | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMH/DD/SUS) is currently revising its subrecipient monitoring plan and has developed new monitoring policies and procedures that are in draft awaiting approval. DMHDD/SUS anticipates implementation of the new monitoring process by December 31, 2023.</p>   |
| 2022-022                   | Health and Human Services | <p><u>Errors in Medicaid Provider Billing and Payment Process</u></p> <p>Partial corrective action has been taken. The Division of Health Benefits (DHB) issued Tentative Notice of Decision (TND) letters to each provider identified in this finding. DHB initiated the process to refund the federal share of overpayments and the share amount will be reported on the CMS-64 report. DHB worked with the Fiscal Agent to update billing rates for the period of the</p>   |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

| Original Finding Number ** | State Department          | Current Status of Prior Audit Finding   |
|----------------------------|---------------------------|---|
|                            |                           | finding. In addition, an internal rate setting tracker was developed and fully implemented. The tracker will mitigate this risk from reoccurring.   |
|                            |                           | DHB will partner with our Recovery Audit Contractor (RAC) and other vendors to identify claims paid to the providers for services billed for the 6-month period after SFY June 30, 2022. Claims will be reviewed for payment errors for this 6-month period. DHB will initiate TND letters and provider education letters as warranted by the review. DHB will also initiate refunds of the federal share as needed.  |
|                            |                           | <i>Anticipated Completion Date:</i> March 31, 2024.   |
| 2022-023                   | Health and Human Services | <u>Deficiencies in the Medicaid Eligibility Determination Process</u>   |
|                            |                           | Full corrective action has been taken.  |
| 2022-024                   | Health and Human Services | <u>Funds Not Used on Primary Prevention Programs</u>  |
|                            |                           | Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities and Substance Use Services (DMH/DD/SUS) is currently updating its processes to ensure complete and accurate calculations are made to determine the required amount for the Substance Abuse Prevention and Treatment Block Grant (SABG) Primary Prevention programs. DMH/DD/SUS is in the process of filling vacant positions to support resolution of the corrective action plan and developed draft policies and procedures that are awaiting approval. DMH/DD/SUS anticipates resolution to funds not used on SABG Primary Prevention programs to be complete by December 29, 2023. |
| 2022-025                   | Health and Human Services | <u>Funds Spent After Award Ended</u>  |
|                            |                           | Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities and Substance Use Services (DMH/DD/SUS) is currently updating its processes to ensure no expenditures are paid after the award period has ended and outside of the performance period. DMH/DD/SUS is in the process of filling vacant positions to support resolution of the corrective action plan and has developed draft policies and procedures that are awaiting approval. DMH/DD/SUS anticipates resolution to funds spent after the award ended to be complete by December 29, 2023.   |
| 2022-026                   | Health and Human Services | <u>Errors in FFATA Reporting</u>  |
|                            |                           | Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities and Substance Use Services (DMH/DD/SUS) is currently updating its processes to ensure complete and accurate Substance Abuse Block Grant (SABG) information is submitted to the FFATA Subaward Reporting System (FSRS). DMH/DD/SUS is in the process of filling vacant positions to support resolution of the corrective action plan and has developed new policies and procedures that are in draft awaiting approval. DMH/DD/SUS anticipates resolution to errors in FFATA reporting to be complete by December 29, 2023.  |

**Summary Schedule of Prior Audit Findings**

For the Fiscal Year Ended June 30, 2023

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| <b>Original Finding Number **</b> | <b>State Department</b>   | <b>Current Status of Prior Audit Finding</b>   |
|-----------------------------------|---------------------------|--|
| 2022-027                          | Health and Human Services | <p data-bbox="573 380 992 411"><u>Inadequate Subrecipient Monitoring</u></p> <p data-bbox="573 438 1479 619">Partial corrective action has been taken. The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMHDDSUS) is currently revising its subrecipient monitoring plan and has developed new monitoring policies and procedures that are in draft awaiting approval. DMHDDSUS anticipates implementation of the new monitoring process by December 31, 2023.</p> |

\*\* The first four digits denote the June 30 fiscal year-end in which the finding initially occurred.



**Corrective Action Plan  
For the Year Ended June 30, 2023**



## State of North Carolina Office of the State Controller

**NELS C. ROSELAND**  
**STATE CONTROLLER**

March 18, 2024

The Honorable Jessica N. Holmes, State Auditor  
North Carolina Office of the State Auditor  
20601 Mail Service Center  
Raleigh, NC 27699

Dear Auditor Holmes:

We are providing the following corrective action plans for findings identified in connection with your audit of the major federal programs of the State of North Carolina for the year ended June 30, 2023, in accordance with the Single Audit Act and the audit requirements of Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

In accordance with 2 CFR 200.511(c), a corrective action plan, separate from the previously provided management's written response, has been prepared for each audit finding. The corrective action plan includes the corrective actions planned, the anticipated completion date, and the contact information for the person responsible for implementing the corrective action.

Respectfully Submitted,

Nels C. Roseland

MAILING ADDRESS: 1410 Mail Service Center, Raleigh, North Carolina 27699-1410  
STREET ADDRESS: 3514 Bush Street, Raleigh, North Carolina 27609  
Phone (919) 707-0500 ~ <http://www.osc.nc.gov> ~ An EEO/AA/AWD Employer

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number | Department/<br>Contact Person/<br>Phone Number | Corrective Action Planned   |
|----------------|--|---|
| 2023-001       | Commerce<br>Valerie Fegans<br>(919) 414-7864   | <p><u>Inadequate Monitoring of Subaward Expenditures</u></p> <p>The Department of Commerce, Rural Economic Development Division (REDD) recognizes its responsibility to adequately monitor subrecipient expenditures. REDD Community Development Block Grant (CDBG) staff consistently strives to adhere to federal requirements and ensure funding is available to communities to provide housing and expand economic opportunities for low- and moderate-income families.</p> <p><b>Performance of Risk Assessments</b></p> <p>As a corrective action, REDD CDBG staff will modify the monitoring plan and risk assessment process to account for extenuating situations. This will be completed by June 30, 2024 with an effective date of July 1, 2024.</p> <p><b>Monitoring of Sub-Awardee Activities</b></p> <p>As a corrective action, REDD CDBG staff will review current practices, revise where needed, and update the monitoring plan to reflect changes by June 30, 2024 and effective July 1, 2024.</p> <p><b>Review of Sub-Awardee Requisition Requests</b></p> <p>CDBG REDD management has developed and implemented procedures to ensure that sub-awardee’s requisitions are paid within the subaward grant period and corrective action will be taken for the ones identified in the audit finding by June 30, 2024.</p> <p><i>Anticipated Completion Date:</i> June 30, 2024.</p> |
| 2023-002       | Commerce<br>Valerie Fegans<br>(919) 414-7864   | <p><u>Inaccurate Annual Reporting</u></p> <p>As a corrective action, the Rural Economic Development Division Community Development Block Grant staff will work with Commerce Information Technology staff to explore and implement interim solutions until a replacement of the current Grants Management System (GMS) is available.</p> <p><i>Anticipated Completion Date:</i> October 1, 2024.</p>  |
| 2023-003       | Commerce<br>Valerie Fegans<br>(919) 414-7864   | <p><u>Errors in FFATA Reporting</u></p> <p>Pursuant to the requirements of the Federal Funding Accountability and Transparency Act (Pub. L. No. 109-282), as amended by Section 6202 of Pub. L. No. 110-252, hereafter referred as the “Transparency Act” that are codified in 2 CFR Part 170, all required Community Development Block Grant subawards have been put into the Federal Subaward Reporting System (FSRS). Based on the reporting requirements outlined in the “Transparency Act”, all future awards will be put into FSRS by the end of the month following the month of the fully executed subaward agreement. To ensure data entry</p>   |

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number | Department/<br>Contact Person/<br>Phone Number       | Corrective Action Planned   |
|----------------|--|---|
| 2023-004       | Commerce<br>Heather Horton<br>(919) 814-4632         | <p>accuracy, all subaward information put into FSRS will have two review and concurrence cycles before final submission.</p> <p>To provide timely and accurate information within the system, if a sub-awardee de-obligates or receives additional grant funds, updates to the information previously entered in the system will be updated to reflect any increase or decrease in the subaward. If a new subaward is made from de-obligated funding, the report will be updated with the information of the sub-awardee within the allotted timeframe specified in the reporting requirements. Prior to submission, these changes will also require two review and concurrence cycles before final submission.</p> <p><i>Anticipated Completion Date:</i> October 1, 2024</p> <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Division of Workforce Solutions encountered staffing issues and invested time to provide training to staff and the Local Areas across the State to ensure monitors and local areas were properly trained in monitoring activities. Now that new staff has been adequately trained, they are working to monitor all subrecipients. All monitoring visits will have occurred no later than October 2024 and the SFY 2023 monitoring review process will have formally concluded by December 2024. This means that all activities will be formally closed out for the year in question. SFY 2024 monitoring will also be concluded at the same time. The Division of Workforce Solutions will be on schedule going forward effective January 1, 2025.</p> <p><i>Anticipated Completion Date:</i> December 31, 2024.</p> |
| 2023-005       | Commerce<br>Heather Horton<br>(919) 814-4632         | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>See 2023-004 for Corrective Action Plan.</p>  |
| 2023-006       | Commerce<br>Heather Horton<br>(919) 814-4632         | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>See 2023-004 for Corrective Action Plan.</p>  |
| 2023-007       | Public Instruction<br>Alex Charles<br>(984) 236-2796 | <p><u>Errors in FFATA Reporting</u></p> <p>We strive to comply with Federal Funding Accountability Transparency Act (FFATA) reporting requirements; however, we continue to struggle due to system limitations. Ongoing conversation and support are sought from the U.S. Department of Education to aid in a more complete reporting within the FFATA system.</p> <p><i>Anticipated Completion Date:</i> October 1, 2025.</p>  |

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number                                       | Department/<br>Contact Person/<br>Phone Number                  | Corrective Action Planned  |
|--|---|--|
| 2023-008   | Public Instruction<br>Alex Charles<br>(984) 236-2796            | <u>Errors in FFATA Reporting</u><br>See 2023-007 for Corrective Action Plan.   |
| 2023-009   | Public Instruction<br>Alex Charles<br>(984) 236-2796            | <u>Inaccurate Annual Reporting</u><br><br>The data inaccuracies noted have been corrected and were submitted via email to the U.S. Department of Education on December 12, 2023. We received a response to this email indicating that this data should be corrected during the upcoming correction window, scheduled for July 29, 2024, through August 15, 2024. We will upload the corrected files into the submission portal during the correction period.<br><br>We have strengthened the reporting process in the following areas to ensure data integrity in reporting moving forward.<br><br><ul style="list-style-type: none"> <li>• We created a cross-divisional team to gather, compile, and report required data.</li> <li>• We are implementing an internal data quality review prior to report submission.</li> </ul> |
| <i>Anticipated Completion Date:</i> August 15, 2024. |   |  |
| 2023-010   | Public Instruction<br>Alex Charles<br>(984) 236-2796            | <u>Errors in FFATA Reporting</u><br>See 2023-007 for Corrective Action Plan.   |
| 2023-011   | Public Instruction<br>Alex Charles<br>(984) 236-2796            | <u>Inaccurate Annual Reporting</u><br>See 2023-009 for Corrective Action Plan.   |
| 2023-012   | Health and Human Services<br>Richard Stegenga<br>(919) 527-6337 | <u>FFATA Reporting Not Completed</u><br><br>A training process will be implemented to train current staff, as well as newly hired staff, on Federal Funding Accountability Transparency Act (FFATA) requirements and reporting procedures.<br><br>The Division of Social Services will assign staff responsible for completing required FFATA reporting.<br><br>The Budget Officer or designee will oversee the reporting process to ensure it is completed.<br><br><i>Anticipated Completion Date:</i> May 31, 2024.  |

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number | Department/<br>Contact Person/<br>Phone Number                          | Corrective Action Planned  |
|----------------|---|--|
| 2023-013       | Health and Human Service<br><br>Lisa Cauley<br><br>(919) 527-6401       | <p><u>Foster Care Funds Used Incorrectly</u></p> <p>NC Division of Social Services (DSS) performed the following actions:</p> <ul style="list-style-type: none"> <li>• December 2023 – Collaborated with the Cleveland County staff to offer technical assistance to prevent the recurrence of the current eligibility error. Additionally, we successfully recouped the incorrect payment and processed it accordingly.</li> <li>• March 2024-NC DSS conducted an in-house case review on open IV-E Foster Care cases with Cleveland County staff.</li> </ul> <p>NC DSS continuously performs the following actions:</p> <ul style="list-style-type: none"> <li>• Conducts quarterly meetings to address matters concerning IV-E eligibility determinations and quality assurance. Both the PowerPoint presentation and training recordings are accessible to all staff.</li> <li>• Performs monitoring visits every three years. Program monitors and the Child Welfare Eligibility and Compliance Manager collaborate closely with counties when errors are identified and develop corrective action plans to address any identified deficiencies.</li> </ul> <p><i>Anticipated Completion Date:</i> March 8, 2024.</p> |
| 2023-014       | Health and Human Services<br><br>Richard Stegenga<br><br>(919) 527-6337 | <p><u>Errors in FFATA Reporting</u></p> <p>A training process will be implemented to train current staff, as well as newly hired staff, on Federal Funding Accountability Transparency Act (FFATA) requirements and reporting procedures.</p> <p>The Division of Social Services will assign staff responsible for completing required FFATA reporting.</p> <p>The Budget Officer or designee will oversee the reporting process to ensure it is completed.</p> <p><i>Anticipated Completion Date:</i> June 30, 2024.</p>  |
| 2023-015       | Health and Human Services<br><br>Lisa Cauley<br><br>(919) 524-6401      | <p><u>Deficiencies in the Adoption Assistance Eligibility Determination Process</u></p> <p>NC Division of Social Services (DSS) performed the following actions:</p> <ul style="list-style-type: none"> <li>• April 2023 – A training curricula for Adoption Assistance eligibility determination was updated for county staff, highlighting common eligibility errors.</li> <li>• June 2023 – A webinar for Adoption Assistance was developed for county supervisors and staff tasked with verifying eligibility determination accuracy. The webinar is available on-demand.</li> <li>• October 2023 – Collaborated with the Onslow County staff offering technical assistance to prevent the recurrence of the current</li> </ul>  |

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number | Department/<br>Contact Person/<br>Phone Number   | Corrective Action Planned   |
|----------------|--|---|
|                |  | <p>eligibility error. Additionally, we successfully recouped the incorrect payment and processed it accordingly.</p> <p>NC DSS continuously performs the following actions:</p> <ul style="list-style-type: none"> <li>• Conducts quarterly meetings to address matters concerning IV-E eligibility determinations and quality assurance. Both the PowerPoint presentation and training recordings are accessible to all staff.</li> <li>• Performs monitoring visits every three years. Program monitors and the Child Welfare Eligibility and Compliance Manager collaborate closely with counties when errors are identified and develop corrective action plans to address any identified deficiencies.</li> </ul> <p><i>Corrective action was completed on:</i> December 31, 2023.</p> |
| 2023-016       | <p>Health and Human Services</p> <p>Eva Fulcher<br/>(919) 813-5343</p> <p>Renee Jones<br/>(252) 290-0121</p> | <p><u>Deficiencies in the Medicaid Eligibility Determination Process</u></p> <p>The Department reviewed the errors identified in the audit and will follow-up with each responsible county to correct the beneficiary record. When applicable, the Department will issue overpayment recoupment notices to the affected counties as required by state statute.</p> <p><i>Anticipated Completion Date:</i> June 30, 2024.</p>  |
| 2023-017       | <p>Health and Human Services</p> <p>Deidra Oates<br/>(984) 236-5353</p>                                      | <p><u>FFATA Reporting Not Completed</u></p> <p>The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMHDDSUS) has updated and strengthened its approach to Federal Funding Accountability and Transparency Act (FFATA) reporting. The Business Allocations Manager will update existing FFATA policies and procedures to include a plan to ensure FFATA reporting is completed during times of staff turnover. This plan will include cross-training staff members and reassigning FFATA tasks.</p> <p><i>Anticipated Completion Date:</i> March 31, 2024.</p>  |
| 2023-018       | <p>Health and Human Services</p> <p>Curtis D. Terry<br/>(984) 236-5355</p>                                   | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Division is updating and strengthening its subrecipient monitoring policy and process. Those updates will include, among other things, requesting federal approval prior to deviating from required processes and procedures. The Division will ensure appropriate monitoring during times of business interruption, such as a public health emergency, based on guidance provided by the federal funding agency and during periods of high staff vacancies by reassigning monitoring activities to available qualified staff.</p> <p><i>Anticipated Completion Date:</i> June 30, 2024.</p>  |

**Corrective Action Plan**

For the Fiscal Year Ended June 30, 2023

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| Finding Number | Department/<br>Contact Person/<br>Phone Number                     | Corrective Action Planned   |
|----------------|--|---|
| 2023-019       | Health and Human Services<br><br>Deidra Oates<br>(984) 236-5353    | <p><u>Errors in FFATA Reporting</u></p> <p>The Division of Mental Health, Developmental Disabilities, and Substance Use Services (DMHDDSUS) has updated and strengthened its approach to Federal Funding Accountability and Transparency Act (FFATA) reporting. The Business Allocations Manager will update existing FFATA policies and procedures to include a plan to ensure FFATA reporting is completed during times of staff turnover. This plan will include cross-training staff members and reassigning FFATA tasks. The Division is also working with NC Department of Health and Human Services Office of Internal Audit to further ensure accurate FFATA reporting.</p> <p><i>Anticipated Completion Date: March 31, 2024</i></p> |
| 2023-020       | Health and Human Services<br><br>Curtis D. Terry<br>(984) 236-5355 | <p><u>Inadequate Subrecipient Monitoring</u></p> <p>The Division is updating and strengthening its subrecipient monitoring policy and process. Those updates will include, among other things, requesting federal approval prior to deviating from required processes and procedures. The Division will ensure appropriate monitoring during times of business interruption, such as a public health emergency, based on guidance provided by the federal funding agency and during periods of high staff vacancies by reassigning monitoring activities to available qualified staff.</p> <p><i>Anticipated Completion Date: June 30, 2024.</i></p>  |



# Ordering Information

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Copies of this report may be obtained by contacting:

Office of the State Auditor  
State of North Carolina  
20601 Mail Service Center  
Raleigh, North Carolina 27699

Telephone: 919-807-7500  
Fax: 919-807-7647  
Internet: [www.auditor.nc.gov](http://www.auditor.nc.gov)



To report alleged incidents of fraud, waste or abuse in state government contact the Office of the State Auditor's Tipline:

**Telephone:** 1-800-730-8477

**Internet:** [www.auditor.nc.gov/about-us/state-auditors-tipline](http://www.auditor.nc.gov/about-us/state-auditors-tipline)

For additional information contact the North Carolina Office of the State Auditor at:

**919-807-7666**



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The planning and compilation of the statewide federal compliance procedures for the Single Audit Report required 640 hours at an approximate cost of \$87,040.

The hours and related costs of audits at individual state entities to support the Independent Auditor's Reports contained herein are included in the transmittals issued for those entities.