

State of Georgia

Single Audit Report

Part I

For the Year Ended June 30, 2020



Georgia Department of Audits and Accounts



DEPARTMENT OF AUDITS AND ACCOUNTS

270 Washington Street, S.W., Suite 4-101

Atlanta, Georgia 30334-8400

GREG S. GRIFFIN
STATE AUDITOR
(404) 656-2174

May 18, 2021

The Honorable Brian P. Kemp
Governor of Georgia
and
Members of the General Assembly
Citizens of the State of Georgia

We are pleased to present the State of Georgia's (State) Single Audit Report – Part I for the year ended June 30, 2020. Historically, we have presented the results of our audit of the Comprehensive Annual Financial Report (Annual Report) within the Single Audit Report as a single report. For Fiscal Year 2020, we are providing this information in two separate reports, as noted below.

Our opinions on the State's financial statements are presented in the State's Annual Report, which was issued under separate cover on March 19, 2021. We were not able to obtain sufficient, appropriate audit evidence for balances to provide opinions on the unemployment insurance fund and business-type activities.

The Single Audit Report – Part I contains financial reporting information based on our audit of the State's Annual Report for the year ended June 30, 2020. This report includes our 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* accompanied by our financial findings, conclusions, and recommendations, and the responses of the respective state organizations. Additionally, the report contains our report on the Schedule of Expenditures of Federal Awards (SEFA) and related notes required by Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

The Single Audit Report – Part II will present the remaining elements required by the Uniform Guidance, our Independent Auditor's *Report on Compliance for Each Major Federal Program and on Internal Control Over Compliance Required by the Uniform Guidance*. This report will also include additional findings and questioned costs related to federal awards that came to our attention through the Statewide Single Audit.

We would like to express our appreciation to all those involved in the preparation and completion of this report. We believe the results of this statewide audit provide valuable information to the State's decision makers and others interested in the activities of the State of Georgia.

Respectfully submitted,

Greg S. Griffin
State Auditor



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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*

Independent Auditor's Report

The Honorable Brian P. Kemp, Governor of Georgia
and
Members of the General Assembly of the State of Georgia

We were engaged to audit 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 Georgia (State) as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the State's basic financial statements, and have issued our report thereon dated March 19, 2021. We have issued unmodified opinions for all opinion units, except for the business-type activities and the unemployment compensation fund, on which we express no opinion. As of the date of our audit report, we were unable to obtain complete and accurate information associated with the determination of overpayments for the CARES Act Unemployment Insurance (UI) Program. The State's records did not permit us, nor was it practical to extend other auditing procedures to obtain sufficient appropriate audit evidence to conclude that the receivable and payable balances and other related activity in the business-type activities and the unemployment compensation fund were free of material misstatement. As a result, we did not express opinions on these opinion units.

Our report includes a reference to other auditors who audited the financial statements of the State entities listed below, as described in our report on the State's basic financial statements.

AU Health System, Inc.	Georgia Tech Athletic Association
Augusta University Foundation, Inc. and Subsidiaries	Georgia Tech Facilities, Inc.
Augusta University Research Institute, Inc.	Georgia Tech Foundation, Inc.
Employees' Retirement System of Georgia	Georgia Tech Research Corporation
Georgia Advanced Technology Ventures, Inc. and Subsidiaries	Kennesaw State University Foundation, Inc.
Georgia College & State University Foundation, Inc. and Subsidiaries	Medical College of Georgia Foundation, Inc.
Georgia Environmental Finance Authority	Middle Georgia State University Real Estate Foundation, Inc. and Subsidiaries
Georgia Gwinnett College Foundation, Inc.	Teachers Retirement System of Georgia
Georgia Health Sciences Foundation, Inc.	University of Georgia Foundation
Georgia Housing and Finance Authority	University of Georgia Athletic Association, Inc.
Georgia Lottery Corporation	University of Georgia Research Foundation, Inc. and Subsidiaries
Georgia Ports Authority	University of North Georgia Real Estate Foundation, Inc. and Subsidiaries
Georgia Southern University Housing Foundation, Inc. and Subsidiaries	UWG Real Estate Foundation, Inc.

Georgia State Financing and Investment Commission	University System of Georgia Foundation, Inc.
Georgia State University Athletic Association, Inc.	and Affiliates
Georgia State University Foundation, Inc.	VSU Auxiliary Services Real Estate Foundation, Inc.
Georgia State University Research Foundation, Inc.	

We conducted our audit in accordance with 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 State entities listed below were not audited in accordance with *Government Auditing Standards*, and accordingly, this report does not include reporting on internal control over financial reporting or instances of reportable noncompliance associated with those entities.

Georgia Advanced Technology Ventures, Inc. and Subsidiaries	Georgia State University Athletic Association, Inc.
Georgia College & State University Foundation, Inc. and Subsidiaries	Georgia State University Research Foundation, Inc.
Georgia Gwinnett College Foundation, Inc.	Kennesaw State University Foundation, Inc.
Georgia Health Sciences Foundation, Inc.	Medical College of Georgia Foundation, Inc.
Georgia Lottery Corporation	Middle Georgia State University Real Estate Foundation, Inc. and Subsidiaries
Georgia Southern University Housing Foundation, Inc. and Subsidiaries	University of Georgia Athletic Association, Inc.
Georgia State University Foundation, Inc.	University of Georgia Foundation
Georgia Tech Athletic Association	University of North Georgia Real Estate Foundation, Inc. and Subsidiaries
Georgia Tech Facilities, Inc.	UWG Real Estate Foundation, Inc.
Georgia Tech Foundation, Inc.	VSU Auxiliary Services Real Estate Foundation, Inc.

This report includes our consideration of the results of other auditors' testing of internal control over financial reporting and compliance and other matters that are reported on separately by those other auditors. However, this report, insofar as it relates to the results of the other auditors, is based solely on the reports of the other auditors.

Internal Control Over Financial Reporting

In connection with our engagement to audit the financial statements of the State, we considered the State's internal control over financial reporting (internal control) to determine the 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.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. However, as described in the accompanying *Schedule of Findings and Questioned Costs*, we did identify certain deficiencies in internal control that we consider to be material weaknesses and significant deficiencies.

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 entity's financial

statements will not be prevented, or detected and corrected, on a timely basis. We consider the deficiencies described in the accompanying *Schedule of Findings and Questioned Costs* in findings 2020-008, 2020-009, and 2020-010 to be material weaknesses.

A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance. We consider the deficiencies described in the accompanying *Schedule of Findings and Questioned Costs* in findings 2020-001, 2020-002, 2020-003, 2020-004, 2020-005, 2020-006, 2020-007, 2020-011, and 2020-012 to be significant deficiencies.

Compliance and Other Matters

In connection with our engagement to audit the financial statements of the State, we and other auditors 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 determination of financial statement amounts. 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 instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards* and which are described in the accompanying *Schedule of Findings and Questioned Costs* in findings 2020-001, 2020-002, 2020-004, 2020-005, 2020-006, 2020-007, 2020-008, and 2020-011.

Additionally, if the scope of our work had been sufficient to enable us to express opinions on the business-type activities and the unemployment compensation fund, other instances of noncompliance or other matters may have been identified and reported herein.

State's Responses to Findings

The State's responses to the findings identified in our audit consist of views of responsible officials and corrective action plans. The views of responsible officials are described in the accompanying *Schedule of Findings and Questioned Costs*, and the corrective action plans are described in the accompanying *Corrective Action Plan for Current Year Findings*. The State's responses were not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on them.

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's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Respectfully submitted,



Greg S. Griffin
State Auditor

March 19, 2021





DEPARTMENT OF AUDITS AND ACCOUNTS

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

Independent Auditor's Report

The Honorable Brian P. Kemp, Governor of Georgia
and
Members of the General Assembly of the State of Georgia

We have audited 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 Georgia (State) as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the State's basic financial statements. We have issued our report thereon dated March 19, 2021.

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the State's basic financial statements. We have issued unmodified opinions for all opinion units, except for the business-type activities and the unemployment compensation fund, on which we express no opinion. As of the date of our audit report, March 19, 2021, we were unable to obtain complete and accurate information associated with the determination of overpayments for the CARES Act Unemployment Insurance (UI) Program. The State's records did not permit us, nor was it practical to extend other auditing procedures to obtain sufficient appropriate audit evidence to conclude that the receivable and payable balances and other related activity in the business-type activities and the unemployment compensation fund were free of material misstatement. As a result, we did not express an opinion on these opinion units.

The accompanying *Schedule of Expenditures of Federal Awards* is presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (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 by us and other auditors in the audit of the basic 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, except for the effects of the disclaimer referred to above, the Schedule of Expenditures of Federal Awards is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Respectfully submitted,

A handwritten signature in black ink that reads "Greg S. Griffin".

Greg S. Griffin
State Auditor

March 19, 2021



Financial Statement Findings

This section presents findings related to the financial statements, including any material weaknesses or significant deficiencies in internal control over financial reporting and noncompliance and other matters that are required to be reported in accordance with *Government Auditing Standards*. Financial statement findings are organized by State entity (entity number).



**FINANCIAL STATEMENT FINDINGS REPORTED UNDER
 GOVERNMENT AUDITING STANDARDS**

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¹The entity number represents the control number that was assigned to each State entity.

STATEWIDE FINDINGS

2020-001 Continue to Strengthen Logical Access Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance
Repeat of Prior Year Finding: 2019-002

The State Accounting Office should continue to strengthen logical access controls over the TeamWorks Financials information system.

Background Information:

The State Accounting Office (SAO) and the majority of State agencies rely extensively on the statewide TeamWorks Financials information system (the system) to process financial transactions and provide accurate financial reporting. The SAO is responsible for the effective operation of the system and related control activities, including segregation of duties. Controls over the system are essential for the reliability and integrity of the State's financial data and to protect financial information from manipulation, corruption, or loss.

As part of our fiscal year 2020 audit, we followed up on SAO's efforts to implement corrective action plans in response to the prior year finding in which we reported that SAO did not have adequate controls in place over logical access related to the system. Although SAO has not fully implemented all of its corrective action plans, we noted that ongoing efforts are being made.

Criteria:

The SAO is responsible for maintaining an effective information system, which includes information technology (IT) general controls that ensure logical access is assigned based on job roles and responsibilities, along with enforcing segregation of incompatible duties. It also includes the implementation of policies and procedures, which are important in establishing processes for managing and monitoring user access, changes made to user access roles, and defining segregation of duties rules that govern the assignment of access rights to specific roles.

Pursuant to the Official Code of Georgia Annotated (OCGA) §50-25-4(a)(20), the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The SAO is responsible for adhering to the technology security policies and standards which include:

- Access Control Policy (PS-08-009) - Access to State information assets is to be controlled and monitored to protect from unauthorized access and disclosure.
- Authorization and Access Management Standard (SS-08-010) - Requires periodic reviews of access control lists and logs to validate the appropriateness of user accounts and use of access privileges. Access control measures are critical to ensuring users only have access to the information for which they are authorized and need to perform their official duties.

Condition:

In response to our recommendation to strengthen IT general controls, SAO made several improvements to address the removal of all inappropriate user access, provide security training sessions with staff, and correct the configuration for a general security setting and the role that allowed inappropriate access to the workflow administrator functionality. However, our review revealed that SAO did not complete the design

and implementation of formal procedures for reviewing user access and permissions assigned to application roles to determine whether proper segregation of duties exist and are enforced within the system.

In addition, our review disclosed certain general security settings for the databases supporting the system could be strengthened to reduce the risk of potential exploitation based on known security vulnerabilities.

The details related to these deficiencies have been provided to SAO management and shall not be considered a public record in accordance with OCGA §50-6-9(b).

Cause:

The SAO was unable to fully complete the corrective action plan for the design and implementation of its user access and role permission review processes by fiscal year-end due to the large number of roles and the various job functions performed by users within the system.

Additionally, adjustments to certain default general security settings intended to address known security vulnerabilities for the databases supporting the system were not implemented until the last quarter of the fiscal year due to the complexity of the necessary updates and the fact that SAO was transitioning to a new means of running the databases.

Effect:

The weaknesses in IT general controls related to logical access increase the risk of unauthorized access and could impact the integrity and reliability of data.

Recommendation:

The SAO should assign the necessary resources to continue efforts to address the remaining corrective action plan activities to strengthen its logical access controls, as follows:

- Develop a matrix that establishes appropriate segregation of duties for roles assigned to TeamWorks Financials users and privileges within the roles;
- Establish procedures for reviewing users' access and privileges assigned to application roles to determine whether proper segregation of duties exist and are enforced within the system; and
- Configure the general security settings for the databases supporting the system to reduce the risk of unauthorized access and inappropriate activity.

Views of Responsible Officials:

We concur with the finding

STATE ENTITY: DEPARTMENT OF PUBLIC HEALTH

2020-002 Improve Financial Reporting Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance
Repeat of Prior Year Finding: 2019-003, 2018-003

The Department of Public Health should strengthen controls over financial reporting to ensure the accuracy of the information it prepares for the State's financial statements and note disclosures.

Background Information:

State organizations provide information to the State Accounting Office (SAO) for proper accounting and reporting of financial information in the State's Comprehensive Annual Financial Report (Annual Report) and Schedule of Expenditures of Federal Awards (SEFA). The SAO has created several financial reporting forms to facilitate this process. State agencies, including the Department of Public Health (DPH), complete and submit the forms to SAO as part of the annual reporting process.

As part of our fiscal year 2020 audit, we followed up on DPH's efforts to implement corrective action plans in response to prior year findings in which we reported that DPH did not have adequate controls over its financial reporting processes. Unfortunately, DPH has not implemented any of their corrective action plans, and the financial information submitted to SAO continues to be an issue.

Criteria:

The DPH management is responsible for establishing and maintaining a system of internal controls designed to provide reasonable assurance of accurate financial reporting and compliance with applicable statutes and regulations. Effective internal controls over financial reporting should include policies and procedures to ensure the accuracy of statements, reports, and other information that are required to be submitted to SAO and compliance with statewide rules, regulations, policies and procedures as required by Title 50, Chapter 5B, Article 1 of the Official Code of Georgia Annotated (OCGA) §50-5B-4. An effective system of internal controls should also include adequately trained personnel with the knowledge, skills and experience to ensure the accuracy of financial reporting and compliance with applicable statutes and regulations.

Condition:

The DPH's controls over its financial reporting processes did not prevent or detect errors in its accounting records and year-end financial submissions to SAO. Our audit procedures disclosed the following significant errors that were corrected by agency post-closing adjustments (PCAs):

- Clearing account balance of \$4,262,375, which should have no balance at year-end;
- Understatement of federal revenue and expenditures by \$63,744,329 and \$58,921,500, respectively.

In addition:

- The DPH submitted 24 PCAs, containing 5,671 lines of data, to adjust its account balances and to correct book errors. The number of PCAs submitted by DPH is more than double the average number of PCAs submitted by comparable State agencies in the year under review.

- There were also four federal fund sources that were not appropriately mapped to a CFDA number in the accounting records, which could lead to inaccurate SEFA reporting. The DPH continues to carryforward an unreconciled difference from the prior year in the Operating bank account reconciliation of \$40,508,645.
- An adjustment was proposed and approved by management to separately identify \$16,857,254 as COVID-19 related award expenditures on DPH's SEFA.

Cause:

The DPH did not perform an adequate pre-closing review to analyze its accounting records and to make accounting corrections and other adjustments prior to the fiscal year close. In addition, reconciling items associated with federal grant drawdowns were not identified and recorded in a timely or accurate manner. The DPH management was not aware of the requirement to disclose both COVID-19 related and non-COVID-19 related federal award expenditures for previously existing programs on the SEFA.

Effect:

Ineffective controls over financial reporting increases the risk of misstatements in the State's financial statements, including the disclosures to the financial statements, as reflected in the Annual Report and SEFA. The need for numerous adjusting entries to correct errors after year-end close also affects the timeliness of statewide reporting by SAO.

Recommendation:

The DPH should improve controls over its financial reporting processes by incorporating additional oversight procedures, conducting thorough reviews of financial information, including monthly reconciliations of federal revenue and expenditures, and providing training to staff that will aid in the prevention or timely detection and correction of errors in its accounting records.

In addition, DPH should improve its pre-closing review processes by incorporating procedures to address any balances in general clearing accounts. We also recommend that DPH commit resources to research and resolve the long outstanding unreconciled differences on the June 30th Operating bank account reconciliation and identify related adjusting entries.

Strong internal controls over financial reporting should diminish the need for numerous PCAs to correct accounting records at year-end and help ensure DPH's financial submissions are correct and accurately represent its operations to meet the State's financial reporting needs.

Views of Responsible Officials:

We concur with the finding

STATE ENTITY: DEPARTMENT OF COMMUNITY HEALTH

2020-003 Continue to Strengthen Financial Reporting Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: None
Repeat of Prior Year Finding: 2019-005, 2018-005

The Department of Community Health should continue to strengthen controls over financial reporting to ensure the accuracy of the information it prepares for the State's financial statements and note disclosures.

Background Information:

State organizations provide information to the State Accounting Office (SAO) to permit the proper accounting and reporting of financial information in the State's *Comprehensive Annual Financial Report* (Annual Report) and *Schedule of Expenditures of Federal Awards* (SEFA). The SAO has created several financial reporting forms to facilitate this process. State agencies, including the Department of Community Health (DCH), complete and submit the forms to SAO as part of the annual reporting process. The DCH also prepares a set of financial statements that are utilized for inclusion in the Annual Report by SAO.

As part of our fiscal year 2020 audit, we followed up on DCH's efforts to implement corrective action plans in response to prior year findings in which we reported that DCH did not have adequate controls over financial reporting. Although DCH has not fully implemented all of its corrective action plans, we noted that DCH has provided additional training and guidance to staff and hired additional staff to oversee the preparation of financial information.

Criteria:

The DCH is responsible for maintaining a system of controls over financial reporting in accordance with generally accepted accounting principles (GAAP). The design and operation of DCH's controls should allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements of the financial statements in a timely manner.

Condition:

Our review of the financial information prepared by DCH revealed several errors. Some of the more significant items found were as follows:

- A proposed audit adjustment was made to correct a misclassification in the amount of \$119,635,081 between Assigned Fund Balance and Unassigned Fund Balance on the General Fund balance sheet.
- A proposed audit adjustment was made to correct a misclassification in the amount of \$898,564,305 between Cash and Cash Equivalents and Pooled Investments with the State Treasury as reported on the Statement of Net Position for the State Health Benefit Fund.
- Conflicting information was provided to support the cash held with fiscal agent balance associated with the State Health Benefit Plan; therefore, a judgmental uncorrected misstatement was noted for an understatement of cash and unearned revenue in the amount of \$8,124,820 for the State Health Benefit Fund as reported on the Statement of Net Position.

- DCH personnel could not provide adequate supporting documentation for various receivables associated with the State Health Benefit Plan; therefore, a judgmental uncorrected misstatement was noted for an overstatement of Accounts Receivable in the amount of \$2,273,442 for the State Health Benefit Fund as reported on the Statement of Net Position.
- A proposed audit adjustment in the amount of \$508,277 was made to correct an overstatement of Other Receivables for the State Employees Other Post-Employment Benefits (OPEB) fund and an understatement for the School Personnel OPEB fund.
- DCH personnel could not provide adequate supporting documentation for various receivables associated with OPEB; therefore, a judgmental uncorrected misstatement was also noted for an overstatement of Other Receivables in the amount of \$3,494,719 for the State Employees OPEB fund and \$12,289,588 for the School Personnel OPEB fund as reported on the Combining Statement of Fiduciary Net Position.

In addition, we requested documentation to support each of DCH's allowance for doubtful accounts calculations for the State Health Benefit Fund, State Employees OPEB Fund, and School Personnel OPEB Fund. The DCH was unable to provide us with all of the documentation for its calculations; however, through other tests, we were able to substantiate the allowance for doubtful accounts calculations.

Cause:

The DCH management did not have adequate internal controls to prevent or detect errors as they prepared information for SAO to include in the State's Annual Report. In addition, human errors caused the various misstatements noted, and these misstatements were not appropriately detected during a post-closing review.

In addition, it is unclear whether the electronic documentation for the allowance for doubtful accounts calculations was accidentally deleted or unsaved.

Effect:

Without effective controls over the reporting process, DCH cannot ensure the accuracy of the financial information reported. This increases the risk of misstatements in the State's financial statements, including the Notes to the Financial Statements and Required Supplementary Information, as reflected in the Annual Report.

Recommendation:

The DCH should strengthen controls over its financial closing and reporting processes by incorporating additional analyses and thorough reviews of information. Further, the DCH should continue to provide training to its staff that will aid in the prevention or timely detection and correction of errors in its accounting records. Additionally, DCH should take steps to ensure that all supporting documentation is maintained for its allowance for doubtful accounts calculations and any additional significant account balances.

Views of Responsible Officials:

The Department (DCH) concurs with this finding and will continue to strengthen financial reporting controls

STATE ENTITY: DEPARTMENT OF COMMUNITY HEALTH (*continued*)

2020-004 Continue to Strengthen Application Risk Management Program

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance
Repeat of Prior Year Finding: 2019-006, 2018-006

The Department of Community Health (DCH) should continue to strengthen controls over its application risk management program.

Background Information:

The Department of Community Health (DCH) relies extensively on automated data processing controls contained within computer systems and business processes of various third-party vendors to process payment claims for the Medicaid program. Internal controls over services provided by vendors and their related computer systems and business processes are essential for ensuring the security, confidentiality, availability, reliability, and integrity of Medicaid payment data.

As part of our fiscal year 2020 audit, we followed up on DCH's efforts to implement corrective action plans in response to the prior year findings in which we reported DCH did not have adequate controls in place over its application risk management program related to the claims and payment processing of Medicaid benefits. Although DCH has not fully implemented all its corrective action plans, we noted that ongoing efforts are being made.

Criteria:

Pursuant to the *Official Code of Georgia Annotated* (OCGA) §50-25-4(a)(20), the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The DCH is responsible for establishing and maintaining an information technology (IT) risk management program as required by the following GTA policies and standards related to assessing and managing IT risks:

- Information Security Risk Management Policy (PS-08-031) – Each agency shall institute an organization-wide risk management approach to information security that assesses the risks (including the magnitude of harm that could result from the unauthorized access, use, disclosure, disruption, modification, or destruction) to information and systems.
- Risk Management Framework Standard (SS-08-041) – To adopt and implement a risk-based approach to information security and shall use the National Institute of Standards and Technology (NIST) risk management framework.
- Security Controls Reviews and Assessments Policy (PS-08.029.01) – To establish requirements for agencies to assess security controls for IT systems.
- Outsourced IT Services and Third-Party Interconnections Standard (SS-08-044.01) – To establish requirements for agencies to ensure adherence to established security requirements by third-party IT service providers and/or interconnections.
- Information Security Control Policy (PS-17-001) – To improve how security controls are managed within the State's shared-service environment and third-party service providers.

- Information Security Control Standard (SS-17-001) – Agencies, Third-Party Service Providers, and Service Integrators operating in a shared-service environment are responsible for ensuring that applicable NIST 800-53 (rev. 4) security controls are implemented and operated effectively.

Further, DCH is required to conduct periodic risk analyses to ensure that appropriate, cost effective safeguards are incorporated into new and existing systems when significant system changes occur. The DCH is also responsible for establishing and maintaining a system security plan and performing biennial system reviews involved in the administration of U.S. Department of Health and Human Services programs (Title 45 *Code of Federal Regulations* (CFR) section 95.621).

An effective risk management program should also include elements listed below in order to reduce the risk of error, misuse, or fraud:

1. Policies and procedures designed to address security of the physical location of resources, equipment, software and data, telecommunications, and personnel;
2. Disaster recovery and business contingency plans;
3. Emergency preparedness; and
4. Review and monitoring of complimentary user entity controls as defined by service organizations.

Additionally, the Uniform Guidance (Title 2 CFR 200.303 Subpart D) prescribes requirements for recipients of federal awards to establish and maintain an effective system of internal control over federal awards that provides reasonable assurance that the federal awards are managed in compliance with federal statutes, regulations, and the terms and conditions of the federal awards.

Condition:

Our review of DCH’s risk management program related to automated data processing systems revealed the deficiencies described below.

Risk Analysis:

We noted risk is assessed for the Medicaid Management Information System (MMIS); however, since the prior fiscal year, a formal risk analysis process has not yet been established and does not include all data processing systems for the Medicaid program.

System Security Reviews:

On an annual basis, DCH obtains System and Organizational Controls Type II reports to review the operating effectiveness of the controls in place at various service organizations supporting the Medicaid program. Based on work performed, we noted DCH began an assessment of controls in place at the service organizations and the complimentary user entity controls expected to be established at DCH. This assessment is designed to determine whether controls are in place, operating effectively, and successfully mitigating DCH’s risks.

During the prior fiscal year, DCH completed an annual independent security controls assessment of the MMIS and also performed direct audits of its vendors and business associates to ensure their compliance with contractual obligations. However, these initiatives are centered only on MMIS and have not yet been expanded to include all relevant data processing applications for the Medicaid program.

Systems Security Plans:

During the current fiscal year, DCH drafted a system security plan for the automated data processing systems used to process claims and payments of Medicaid benefits; however, the plan has not been approved and formalized.

Policies and Procedures:

In response to our recommendation in the prior fiscal year, DCH began updating and developing information security policies and standard operating procedures to protect the entity's information assets and computing infrastructure; however, most of the policies and procedures have not been formalized.

Cause:

The DCH has previously identified the need to develop and implement comprehensive organization-wide policies and procedures, formally document its risk analysis program, and develop and document formal Information System Security Plans for all major information systems in accordance with the Federal Information Security Management Act and based on guidelines and standards published by NIST. The DCH did not have sufficient security budget funding and resources needed in order to address all noted deficiencies within the current fiscal year.

Effect:

The lack of a formal IT risk management program results in noncompliance with the applicable State and federal requirements and exposes DCH to unnecessary risk of error, misuse, fraud, or loss of data from both internal and external forces which could impact the integrity and reliability of data used for the claims and payment processing of Medicaid benefits.

Recommendation:

The DCH should continue to allocate necessary resources to implement a formal risk management program to allow management to gain reasonable assurance DCH will achieve its objectives in complying with operational, financial reporting, and compliance requirements. An effective risk management program should, at a minimum, address Risk Analysis, System Security Reviews, System Security Plans, and Information Security Policies and Procedures.

Views of Responsible Officials:

The Department (DCH) concurs with this finding and will continue to strengthen controls over its application risk management program.

STATE ENTITY: DEPARTMENT OF HUMAN SERVICES

2020-005 Strengthen Logical Access Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance

The Department of Human Services should strengthen logical access controls over the Division of Aging Services Data System.

Background Information:

The Department of Human Services (DHS) operates the Division of Aging Services (DAS), which assists older individuals, at-risk adults, persons with disabilities, and their families and caregivers to attain safe, healthy and independent lives. The DAS Data System (the system) is used to track, account for and report service delivery and financial data for services and programs administered and funded by the DAS. Controls over the system are essential for the reliability and integrity of case management data and to protect data from manipulation, corruption, or loss.

Criteria:

The DAS is responsible for the effective operation of the system and related control activities. This includes information technology (IT) general controls that ensure logical access is assigned based on job roles and responsibilities, along with enforcing segregation of incompatible duties. It also includes implementing policies and procedures, which are important in establishing processes for managing and monitoring user access, changes made to user access roles, and defining segregation of duties rules that govern the assignment of access rights to specific roles.

Pursuant to the Official Code of Georgia Annotated (OCGA) §50-25-4(a)(20), the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The DHS is responsible for adhering to the technology security policies and standards which include:

- Access Control Policy (PS-08-009) - Access to State information assets is to be controlled and monitored to protect from unauthorized access and disclosure.
- Authorization and Access Management Standard (SS-08-010) - Requires periodic reviews of access control lists and logs to validate the appropriateness of user accounts and use of access privileges. Access control measures are critical to ensuring users only have access to the information for which they are authorized and need to perform their official duties.
- Separation of Production and Development Environments Standard (SS-08-031) - Production systems require a stable and controlled environment to operate properly. Separating development and test activities from and restricting developer access to operational environments reduces the risks of inadvertent or unauthorized modifications to the operational system that could compromise the system's integrity or availability.

Further, the Uniform Guidance (Title 2 Code of Federal Regulations (CFR) 200.303 Subpart D) prescribes requirements for recipients of federal awards to establish and maintain an effective system of internal control over federal awards that provides reasonable assurance that the federal awards are managed in compliance with federal statutes, regulations, and the terms and conditions of the federal awards.

Condition:

Our review of IT general controls associated with the system revealed the following deficiencies in logical access:

- Five of 25 system users reviewed had inappropriate privileged access to the system based on their job roles and responsibilities.
- Eight of 60 system users tested had various roles assigned to them that were not necessary to carry out their job roles and responsibilities, which gave users excessive access to the system.
- Upon review of documentation to support the current access levels of 25 new system users, it was noted that access levels for eight of the new users were unsubstantiated by a complete, authorized role request form.

In addition, as part of the DAS' quarterly user access review, we noted one manager's request to remove a user's access to the system was not completed.

The details related to the deficiencies have been provided to DAS management and shall not be considered a public record in accordance with OCGA §50-6-9(b).

Cause:

The DAS used incomplete reports for its user access reviews. The reports used did not contain a complete population of all system and privileged IT users and their levels of access. In addition, management did not adequately complete the role request form for new system users. Furthermore, the manager's request to remove a user's access to the system was inadvertently overlooked when the system administrator was removing the remaining users on the list.

Effect:

The deficiencies in logical access result in noncompliance with the GTA technology security policy and standards and Title 2 CFR 200.303 and increase the risk of unauthorized access to the system and possible manipulation or loss of data.

Recommendation:

The DAS should strengthen its logical access controls over the system by:

- Removing the inappropriate user access identified within the system;
- Correcting the report used for its system and privileged IT user access reviews to include a complete population of all users and their levels of access;
- Establishing a procedure for reviewing the reports used for its user access reviews to ensure that all users and their assigned roles in the system are accurately included in the reports; and
- Providing training to management on how to complete the role request form to ensure adequate documentation supports the new user access that is granted in the system.

In addition, the established quarterly user access reviews should be enhanced to ensure that all management requests for removal of user access are completed appropriately and timely.

Views of Responsible Officials:

The Department of Human Services concurs with the finding.

STATE ENTITY: DEPARTMENT OF HUMAN SERVICES *(continued)*

2020-006 Strengthen Information Technology General Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance

The Department of Human Services should strengthen information technology general controls over the child foster care information system.

Background Information:

The Department of Human Services (DHS) Division of Family and Children Services (DFCS) investigates child abuse and finds foster homes for abused and neglected children along with numerous other support services and programs to help families. The DFCS relies extensively on its child foster care information system (the system) that provides case managers a comprehensive tool to capture information and child financial needs for the services and programs they administer. Controls over the system are essential for the reliability and integrity of data and to protect data from manipulation, corruption, or loss.

Criteria:

The DFCS is responsible for the effective operation of the system and related control activities. This includes information technology (IT) general controls that ensure logical access is assigned based on job roles and responsibilities along with enforcing segregation of incompatible duties. It also includes the implementation of policies and procedures, which are important in establishing processes for managing and monitoring user access, changes made to user access roles, and defining segregation of duties rules that govern the assignment of access rights to specific roles.

Pursuant to the Official Code of Georgia Annotated (OCGA) §50-25-4(a)(20), the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The DHS is responsible for adhering to the technology security policies and standards which include:

- Access Control Policy (PS-08-009) - Access to State information assets is to be controlled and monitored to protect from unauthorized access and disclosure.
- Authorization and Access Management Standard (SS-08-010) - Requires periodic reviews of access control lists and logs to validate the appropriateness of user accounts and use of access privileges. Access control measures are critical to ensuring users only have access to the information for which they are authorized and need to perform their official duties.
- Separation of Production and Development Environments Standard (SS-08-031) - Production systems require a stable and controlled environment to operate properly. Separating development and test activities from and restricting developer access to operational environments reduces the risks of inadvertent or unauthorized modifications to the operational system that could compromise the system's integrity or availability.

Further, the Uniform Guidance (Title 2 Code of Federal Regulations (CFR) 200.303 Subpart D) prescribes requirements for recipients of federal awards to establish and maintain an effective system of internal control over federal awards that provides reasonable assurance that the federal awards are managed in compliance with federal statutes, regulations, and the terms and conditions of the federal awards.

Condition:

Our review of logical access controls associated with the system revealed the following deficiencies:

- Ten out of 15 users tested had inappropriate privileged access to the system.
- Four out of 154 terminated employees tested continued to have access to the system after their employment separation date.
- Five of the 25 new users reviewed were assigned various roles that were not reflected as authorized on their on-boarding request form. This was deemed as a documentation issue only as each employee's access was ultimately found to be appropriate based upon their job roles and responsibilities.

In addition, our review of change management controls revealed that appropriate internal controls were not in place.

Furthermore, our review disclosed that certain general security settings for the databases supporting the system were not configured appropriately.

The details related to the deficiencies have been provided to DHS and DFCS management and shall not be considered a public record in accordance with OCGA §50-6-9(b).

Cause:

The DFCS did not have a user access review process for the server production environment in place to determine whether privileged user access continues to be appropriate based on job responsibilities to provide proper segregation of duties.

The DFCS did not have resources to perform the voluminous requests to deactivate separated employees' access; and the DFCS user access review process was not adequately designed to flag and remove all separated employees from the system.

The DFCS Management did not adequately complete the on-boarding request form for new users.

In addition, the DFCS did not have resources to design and implement a process to monitor changes that were promoted to production to ensure those changes had been authorized, tested, and approved.

Furthermore, the DFCS did not have a process in place to monitor the supporting databases' general security settings to ensure the proper configurations were applied.

Effect:

The deficiencies in IT general controls result in noncompliance with the GTA technology security policy and standards and Title 2 CFR 200.303 and increase the risk of unauthorized access to the child foster care information and possible manipulation or loss of data. Additionally, although the DFCS provided evidence to show that no terminated employees accessed the system after their separation date, inappropriate access to the system and/or changes to foster care data could have occurred.

Recommendation:

The DFCS should adhere to its established policies and procedures and, additionally, strengthen its logical access controls by:

- Removing the inappropriate user access identified within the system;
- Establishing procedures for reviewing user access to determine whether proper segregation of duties exist and are enforced within the server production environment;
- Incorporating additional oversight and training of management responsible for the user access review process to ensure timely detection and correction of inappropriate access within the information system, including the removal of access for terminated employees;
- Providing training to management on how to complete the on-boarding user request form to ensure adequate documentation supports the new user access that is granted in the system.

In addition, the DFCS should establish procedures to subsequently monitor changes that have been promoted to production to determine whether those changes were authorized, tested, and approved and have not circumvented the standard change management process.

Furthermore, the DFCS should configure the general security settings for the databases supporting the system to reduce the risk of unauthorized access and inappropriate activity.

Views of Responsible Officials:

The Department of Human Services concurs with the finding.

STATE ENTITY: DEPARTMENT OF LABOR

2020-007 Strengthen Logical Access Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance

The Georgia Department of Labor should strengthen logical access controls over the unemployment insurance system.

Background Information:

The Department of Labor (DOL) relies extensively on its unemployment insurance system (the system) to collect employment insurance taxes and process unemployment benefits for the State. Controls over this system are essential for the reliability and integrity of employment insurance tax and unemployment benefit data from manipulation, corruption, or loss.

Criteria:

The DOL is responsible for the effective operation of the system and related control activities. This includes information technology (IT) general controls that ensure logical access is assigned based on job roles and responsibilities, along with enforcing segregation of incompatible duties. It also includes the implementation of policies and procedures, which are important in establishing processes for managing and monitoring user access, changes made to user access roles, and defining segregation of duties rules that govern the assignment of access rights to specific roles.

Pursuant to the *Official Code of Georgia Annotated (OCGA) §50-25-4(a)(20)*, the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The DOL is responsible for adhering to the technology security policies and standards which include:

- Access Control Policy (PS-08-009) - Access to State information assets is to be controlled and monitored to protect from unauthorized access and disclosure.
- Authorization and Access Management Standard (SS-08-010) - Requires periodic reviews of access control lists and logs to validate the appropriateness of user accounts and use of access privileges. Access control measures are critical to ensuring users only have access to the information for which they are authorized and need to perform their official duties.

Further, the Uniform Guidance (*Title 2 Code of Federal Regulations (CFR) 200.303 Subpart D*) prescribes requirements for recipients of federal awards to establish and maintain an effective system of internal control over federal awards that provides reasonable assurance that the federal awards are managed in compliance with federal statutes, regulations, and the terms and conditions of the federal awards.

Condition:

Our review of IT general controls associated with the system revealed the following deficiency in logical access:

- We found 17 out of 25 system users tested had various access and permissions associated with some roles that were not required for their job roles and responsibilities.

The details related to the deficiencies have been provided to DOL management and shall not be considered a public record in accordance with OCGA §50-6-9(b).

Cause:

The DOL experienced a significant increase in demand for unemployment benefit payments during the year under review and, therefore, did not have the resources to conduct the established user access and role reviews for the system.

Effect:

The deficiencies in logical access result in noncompliance with the GTA technology security policy and standards and Title 2 CFR 200.303 and increase the risk of unauthorized access to the unemployment insurance and possible manipulation or loss of data.

Recommendation:

The DOL should strengthen its logical access controls over its system by continuing to follow the established user access reviews and enhance the role design review process to include management input along with the business owners to ensure roles contain the appropriate and anticipated permission levels. The DOL should consider designing more specific roles to align more closely with each user's role and daily tasks.

Views of Responsible Officials:

The Department concurs in part with this finding:

- a. *The Department agrees that the objective of the logical controls process is to avoid the unnecessary risk of unauthorized access to the unemployment insurance and possible manipulation or loss of data.*
- b. *GDOL agrees that 17 out of 25 system users tested had various access and permissions associated with some roles that were not required for their normal job roles and responsibilities.*
- c. *Further analysis of the 17 identified users resulted in the following breakdown:*
 - i. *Several transactions should have been classified as belonging to a role group, access granted to users through a group based on role is deemed appropriate by the group owner.*
 - ii. *14 users had 0 executions of any of the identified transactions*
 - iii. *1 user had 1 execution of a single transaction that was approved by a different manager during the 2019 user review*
 - iv. *1 user executed 3 transactions multiple times; manager indicated access should have been appropriate*
 - v. *1 user executed 3 transactions multiple times - this was a new user that had been set up with access provisioned as directed by the manager, but upon redirect the manager indicated access was inappropriate for the 3 transactions in question; this situation would have likely been resolved by the annual user access review*
- d. *Information Technology performs annual global access monitoring, which serves to further mitigate any risk of unauthorized access to systems within the Department network.*
- e. *The Information Technology division enhanced the annual transaction access review in FY19 to include a biennial role design review with the appropriate business units to insure transactions assigned to the role continue to be appropriate based on job responsibilities and business functions.*
- f. *Due to the COVID pandemic, GDOL was faced with multiple priorities to process unemployment benefits. Due to the state of emergency put in place by the Governor, resources were not available to conduct the annual user access review, normally scheduled between April/May. Although several attempts were made to schedule the review, the*

unprecedented number of claims received and processed prevented the review from being performed before the end of the fiscal year.

- g. The Department agrees that certain enhancements as detailed in the Corrective Action Plan will further improve our current process.*

Auditor's Concluding Remarks:

We thank the Department's Information Technology Division for its cooperation and assistance throughout the audit.

During our audit we presented DOL management with the results of our logical access controls testing and gave the DOL the opportunity to provide additional documentation for our review. In addition to having access to the system through groups, each of the 17 system users identified in the condition had inappropriate permissions to the system directly provisioned to the user, which is outside of a group. When these inappropriate permissions provisioned to the 17 users were brought to the attention of DOL by the auditors, management confirmed the access was inappropriate and removed the access from all 17 users.

The 25 system users selected for testing are expected to be representative of 1164 system users that have the ability to make changes within the system. All users in this population had the equal opportunity to be selected for testing, and therefore there is a potential for additional system user access deficiencies that were not identified during testing.

The Georgia Department of Audits and Accounts (DOAA) acknowledges the overwhelming burden placed on the DOL during the last quarter of fiscal year 2020 due to the effects of the COVID-19 pandemic and the urgency with which payments were made to the unemployed citizens of Georgia. In addition, DOAA understands that the DOL Information Technology Division may not have had the time or resources during the course of the audit to perform further analysis on the types of transactions the users may have executed during the audit period as mentioned in the Views of Responsible Officials. However, it should also be noted that DOAA has not received audit evidence since the completion of audit field work to support the further analysis described in the Views of Responsible Officials above. Given the lack of additional audit evidence and our comments above, we reaffirm our finding and will review the status of the DOL's corrective actions during our next audit.

STATE ENTITY: DEPARTMENT OF LABOR *(continued)*

2020-008 Improve Controls over the Identification and Recording of Overpayments

Internal Control Impact: Material Weakness
Compliance Impact: Material Noncompliance

The Georgia Department of Labor did not maintain adequate controls over the identification and recording of benefit overpayments associated with the Unemployment Insurance programs created by the CARES Act.

Background Information:

The Unemployment Insurance (UI) program, created by the Social Security Act (Pub. L. No. 74-271), provides Unemployment Compensation (UC) benefits to workers who are unemployed through no fault of their own and are seeking reemployment. To receive benefits, claimants must be able to work, available for work, and actively seeking work.

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law. The CARES Act was designed to mitigate the economic effects of the COVID-19 pandemic in a variety of ways, including providing additional UI provisions.

Title II, Subtitle A of the CARES Act, authorizes the following temporary UI programs:

- Federal Pandemic Unemployment Compensation (FPUC) – The FPUC program provides eligible individuals with \$600 per week in addition to the weekly benefit amount they receive from certain other UC (Unemployment Compensation) programs.
- Pandemic Emergency Unemployment Compensation (PEUC) – The PEUC program provides up to 13 weeks of benefits to individuals who have exhausted all rights to regular compensation under state law or Federal law with respect to a benefit year that ended on or after July 1, 2019, have no rights to regular compensation with respect to a week under any other State or Federal UC law, are not receiving compensation with respect to such week under the UC law of Canada, and are able to work, available to work, and actively seeking work.
- Pandemic Unemployment Assistance (PUA) – The PUA program provides up to 39 weeks of benefits to those individuals who are not eligible for regular UC or extended benefits under State or Federal law or PEUC, including those who have exhausted all rights to such benefits.

These three programs accounted for over \$7.8 billion being paid in unemployment benefits for unemployment claims filed for weeks ending between January 27, 2020 to June 30, 2020.

In addition, the U.S. Department of Labor requires state agencies, including the Georgia Department of Labor (DOL), to prepare and submit various Employment Training Administration reports periodically. Benefit overpayment activity is based on a report from the benefits system and reflected on the following reports:

- ETA 227 – Overpayment Detection and Recovery Activities report: The ETA 227 report provides information on non-fraud and fraudulent overpayments of intrastate and interstate claims under the regular state UI program, and under Federal UI programs, including those created by the CARES Act with the exception of PUA. The DOL’s accomplishments in principal detection areas of benefit

payment control are shown on the ETA 227 report. The ETA and state agencies need such information to monitor the integrity of the benefit payment processes in the UI system.

- ETA 902P – Pandemic Unemployment Assistance Activities: The ETA 902P report is submitted electronically each month providing PUA activities performed during the preceding calendar month, including non-fraud and fraudulent overpayment activity and administration.

Furthermore, state agencies, including the Georgia Department of Labor (DOL), provide information to the State Accounting Office (SAO) to permit the proper accounting and reporting of financial information in the State's *Comprehensive Annual Financial Report* (Annual Report) as part of the annual reporting process.

Criteria:

Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance), Section 200.53 - Improper payments states: *Improper payment* means any payment that should not have been made or that was made in an incorrect amount (including overpayments and underpayments) under statutory, contractual, administrative, or other legally applicable requirements. An *improper payment* includes any payment to an ineligible party, any payment for an ineligible good or service, any duplicate payment, any payment for a good or service not received (except for such payments where authorized by law), any payment that does not account for credit for applicable discounts, and any payment where insufficient or lack of documentation prevents a reviewer from discerning whether a payment was proper.

Title 34, Chapter 8, Article 9 of the *Official Code of Georgia Annotated* (OCGA) §34-8-254 defines overpayments as the sum of benefits received by any person while any conditions for the receipt of benefits were not fulfilled or while the person was disqualified from receiving benefits. OCGA §34-8-254 assigns legal responsibility and authority for the collection of overpayments to the Commissioner of the DOL.

Additionally, per the UI Report Handbook No. 401, the ETA 227 and ETA 902P reports are required to be submitted to the U.S. Department of Labor in a timely and accurate manner. The ETA 227 reports are due quarterly on the first day of the second month after the quarter of reference, and all applicable data on the ETA 227 reports should be traceable to the data regarding overpayments and recoveries in the state's financial accounting system. The ETA 902P report is due on the 30th of the month following the month to which data relate and should contain monthly data on PUA activities.

Furthermore, the DOL is responsible for maintaining a system of controls over financial reporting in accordance with generally accepted accounting principles (GAAP). The design and operation of DOL's controls should allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements of the financial statements in a timely manner. Further, the control structure should enable the DOL to provide accurate and timely information to be reported in the State's Annual Report.

Condition:

Our review of the DOL's controls and systems in place to identify and record UC benefit overpayments revealed that no receivable amounts and any related payables associated with these overpayments were recorded within the Unemployment Compensation Fund (UCF) as reported in the Annual Report. Although the DOL information system (the system) is capable of identifying and tracking regular UC overpayments, the system was not configured until March 2021 to do the same for payments associated with CARES Act UI programs. Consequently, the DOL was unable to perform critical program integrity controls, which includes flagging a claim as potentially improper or potentially fraudulent and stop payments on it until

someone reviewed the claim to determine if it was improper. Thus, most claims dating back to March 2020 still need to be reviewed.

Our audit of the UCF included a review of benefit payments related to regular UC and CARES Act UI programs. A sample of 117 benefit payment transactions processed by the DOL was randomly selected for testing using a non-statistical sampling method. Four potential overpayments totaling \$636 were identified within this sample, and likely potential overpayments were projected to be \$78,440,422.

The auditors performed additional analytical procedures and testing on the benefit payment detail provided by DOL to identify potential areas of overpayments and provided this information to DOL for review. While this testing was not sufficient to determine the magnitude of overpayments related to the fiscal year under review, it did provide a reasonable basis to indicate that the potential overpayments could rise to a material amount for the UCF.

The auditors identified a number of unusual transactions during testing that were brought to the attention of management on December 22, 2020 for further investigation. Using the UI Benefit Payment data files obtained from DOL, the auditors performed data analytics to search for transactions, which included the following:

- A single address that received \$40,000 or more in benefit payments
- Any payment more than the maximum amount of \$600
- Payments with no associated name in the data file
- Payments with no associated check number
- Assigned case ID numbers associated with two distinctly different names

As of our report date, management had not provided the auditors with any determinations on those items. Furthermore, despite numerous references to fraud in the press by the DOL, management was unable to provide the auditors with sufficient appropriate audit evidence to support their findings to the media or the nature, extent and amounts provided to the U.S. Department of Labor.

Additionally, upon review of the ETA 227 and ETA 902P reports submitted by the DOL for the quarter ending June 30, 2020, the DOL identified regular UI overpayments totaling \$12,133,181, but no amounts were reported for the CARES Act UI programs. Auditors also reviewed the ETA 227 and ETA 902P reports submitted for the periods ending July 31, 2020 through December 31, 2020 and noted that no overpayment amounts were reported for the CARES Act UI programs through the date of our report.

Cause:

Management did not think it necessary to record any overpayment receivables in the financial statements related to the CARES Act funds until questioned by the auditors. In prior years, any overpayments receivable amounts were inconsequential to the UCF as reported in the Annual Report and excluded in the financial statements prepared by the DOL. However, due to the receipt of UI funds associated with the CARES Act and the unprecedented volume of UC claims received in the last quarter of fiscal year 2020, an overpayments receivable should have been evaluated and considered for recognition in the DOL financial statements.

In addition, the benefit system was unable to track and provide reporting related to the CARES Act UI programs. The DOL dedicated its resources to higher priorities to support its mission-essential functions due to the COVID-19 pandemic. Consequently, this delayed implementation of necessary system configurations required to support the overpayment processes until March 2021.

Effect:

Due to the lack of controls, there is an increased risk for fraudulent claims and improper benefits paid during the last quarter of fiscal year 2020. The deficiencies in the identification and recording of benefit overpayments resulted in noncompliance with federal and state regulations. In addition, incomplete and inaccurate financial information was provided to the State Accounting Office (SAO) for inclusion in the State's Annual Report. Inaccurate reports were also filed with the U. S. Department of Labor. Further, the DOL could not determine a reasonable estimate for overpayment receivables for the CARES Act programs as a result of the lack of information associated with benefit overpayments, including a lack of research performed to identify fraudulent claims. These unknown factors are the basis for our disclaimer of opinion on the UCF.

Recommendation:

The DOL management should develop and implement procedures to identify and record benefit overpayments in a timely and accurate manner. These procedures should allow for the tracking of information by fiscal year and periodic reconciliation of detail records to the general ledger. In addition, we recommend that the DOL establish processes to estimate and record an allowance for uncollectible accounts associated with the benefit overpayments receivable given the anticipated magnitude of the receivables. Lastly, the DOL should dedicate appropriate resources and develop a plan to complete any remaining system modifications necessary to support the identification, tracking and reporting of overpayments both internally and to the U.S. Department of Labor associated with the CARES Act UI programs.

Views of Responsible Officials:

We concur with the finding.

Effect: Inaccurate reports were also filed with the U. S. Department of Labor.

GDOL Response: The reports submitted were not inaccurate but compliant with the direction of the USDOL until the pending federal reporting program is implemented for the CARES Act programs. The reports will be updated when the programming is complete as required by USDOL.

Due to the lack of controls, there is an increased risk for fraudulent claims and improper benefits paid during the last quarter of fiscal year 2020.

GDOL Response: Prior to enactment of the CARES Act programs, GDOL had internal controls to verify identities with the Social Security Administration (SSA) as well as the detection and suspension of payments on accounts where more than two claimants attempted to use the same bank account for direct deposit of unemployment benefits. Additionally, verification of identity is also conducted when claims are filed with a cross match interface with the Georgia Department of Driver Services.

The ID.me, identity verification tool, was also implemented in July 2020 initially to require the verification of identity of individuals where suspicious and potential fraudulent activity was detected.

Identifying duplicate bank accounts systematically, as well as duplicate email addresses and telephone number were incorporated into the ID.me workflow which automated the process of suspending benefit payments, generating correspondence notifying the claimant to complete an identity verification and update their preferred payment information before payments could resume or be paid for individuals who were not already receiving benefits.

Claimants who have an established benefit year end date of July 1, 2019 or later, which includes claims filed March 2020 and forward, were systematically checked to identify claims with duplicate emails, telephone numbers, and bank accounts. Benefits were suspended on impacted claimants and they were notified of necessary actions to resolve these issues including identity verification through ID.me.

Affected claimants are provided a timeframe to meet the requirement before benefits are denied by a written determination. This process is now run every night to identify new claims filed meeting the defined criteria for suspicious activity.

In January 2021, the Department implemented the Integrity Data Hub (IDH) Identity (ID) Verification exchange as a first level identity verification first to individuals applying for and receiving Pandemic Unemployment Assistance (PUA) and are in the process of phasing in claimants requesting unemployment benefits on all other UI programs. Individuals who do not meet the conditions to satisfy the ID verification requirement are referred to the ID.me process as a secondary, more stringent process to verify identities.

Additionally, a staff application is available for staff to identify whether other claims with same contact information to include the mailing and residential addresses exist in the benefits

An online fraud reporting system is available and continuously expanded for individuals to report suspicious, fraudulent activity using their personal information without authorization, tips/leads about individuals who may be committing unemployment fraud, and more. Based on the nature of the report, benefits are suspended and an investigation is conducted to determine appropriate next actions by the Department which may include establishing overpayments, imposing fraud penalties, etc.

The ability to release eligibility determinations was implemented with the PUA application and processes in April 2020. A denial determination is and will continue to be released when an individual receiving unemployment benefits is later determined not eligible. These claims were documented on a list maintained by the Overpayment Unit until the functionality to establish overpayments became available.

When fraudulent activity is detected at any juncture of the claims process, all information available is documented and notice of a work item is sent to the Overpayment Unit to conduct an official investigation for overpayment and/or fraud. Instances involving false information about employment and/or wages result in a redetermination of eligibility, as appropriate, in addition to the overpayment investigation.

Unemployment Insurance Program Letter 01-16 states “in order to be eligible to receive administrative grants, a state must do the following in context of identifying and establishing improper payments...continue to make timely UC payments (if due) and wait to commence recovery of overpayments until an official determination of ineligibility is made...”

The overpayment system was implemented February 21, 2021 to accommodate the CARES Act program. In the interim while these programs were being programmed, as overpayments were detected and fraud was identified and investigated, a list of claimants was maintained by the Overpayment Unit. This was to track these activities to ensure fraud and non-fraud determinations will be established in the system when the programming was implemented.

Auditor’s Concluding Remarks:

The DOL states that the ETA 227 and ETA 902P reports submitted were not inaccurate. While the reports may have agreed to the overpayments data reflected on the DOL’s internal, detailed records, the reports reflect zero balances for overpayments associated with CARES Act UI programs for the periods reviewed. The DOL additionally states amended reports will be submitted supporting the auditors’ conclusion that overpayments were not identified appropriately or timely.

In addition, as reflected in the finding details and in the DOL's response within the "Views of Responsible Officials" above, modifications to the existing overpayment system, which would allow for the identification and tracking of UC overpayments associated with CARES Act programs, were not implemented until February 21, 2021. While the Georgia Department of Audits and Accounts (DOAA) acknowledges that many controls have been implemented to improve the identification, tracking, and reporting of overpayments for the CARES Act UI programs since June 30, 2020, these controls were not implemented until almost eight months after fiscal year-end, and potential overpayments still had not been fully analyzed by the DOL as of the last date of fieldwork. Therefore, the DOAA was unable to gain sufficient appropriate audit evidence to determine the magnitude of the unreported payable and receivable amounts associated with overpayments.

Furthermore, the DOL references verbiage reflected in Unemployment Insurance Program Letter (UIPL) No. 01-16 as follows, "in order to be eligible to receive administrative grants, a state must do the following in context of identifying and establishing improper payments...continue to make timely UC payments (if due) and wait to commence recovery of overpayments until an official determination of ineligibility is made..." This UIPL was issued "to remind state agencies of the requirements of Federal law pertaining to protecting individual rights in state procedures to prevent or recover unemployment compensation (UC) overpayments." Therefore, auditors do not believe that the guidance is intended to address the state agencies' obligation to identify overpayments initially but rather their obligation to protect claimants while preventing and recovering overpayments. The fact remains that the DOL did not have adequate procedures in place to make official determinations of ineligibility and overpayments associated with CARES Act UI programs during the period under review or within a reasonable amount of time after fiscal year-end.

We reaffirm our finding and will review the status of the DOL's corrective actions during our next audit.

STATE ENTITY: DEPARTMENT OF LABOR (continued)

2020-009 Improve Controls over the Year-End Accruals Process

Internal Control Impact: Material Weakness
Compliance Impact: None

The Georgia Department of Labor did not record year-end accrual amounts related to the Unemployment Insurance programs created by the CARES Act.

Background Information:

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security (CARES) Act was signed into law. The CARES Act was designed to mitigate the economic effects of the COVID-19 pandemic in a variety of ways, including providing additional unemployment insurance (UI) provisions.

Title II, Subtitle A of the CARES Act, authorizes the following temporary UI programs:

- Federal Pandemic Unemployment Compensation (FPUC) – The FPUC program provides eligible individuals with \$600 per week in addition to the weekly benefit amount they receive from certain other Unemployment Compensation (UC) programs.
- Pandemic Emergency Unemployment Compensation (PEUC) – The PEUC program provides up to 13 weeks of benefits to individuals who have exhausted all rights to regular compensation under state law or Federal law with respect to a benefit year that ended on or after July 1, 2019, have no rights to regular compensation with respect to a week under any other State or Federal UC law, are not receiving compensation with respect to such week under the UC law of Canada, and are able to work, available to work, and actively seeking work.
- Pandemic Unemployment Assistance (PUA) – The PUA program provides up to 39 weeks of benefits to those individuals who are not eligible for regular UC or extended benefits under State or Federal law or PEUC, including those who have exhausted all rights to such benefits.

Criteria:

The Department of Labor (DOL) is responsible for maintaining a system of controls over financial reporting in accordance with generally accepted accounting principles (GAAP). The design and operation of DOL's controls should allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements of the financial statements in a timely manner. Further, the control structure should enable the DOL to provide accurate and timely information to be reported in the State's *Comprehensive Annual Financial Report* (Annual Report) and *Schedule of Expenditures of Federal Awards* (SEFA).

Proprietary Fund financial statements are reported using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, revenues are recorded when earned and expenses are recorded when a liability is incurred, regardless of the timing of cash flows. Federal financial assistance is considered earned in the fiscal year in which eligibility requirements imposed by the grantor have been met. Specifically, at year-end, all benefit claims incurred by the DOL during the fiscal year but paid subsequent to fiscal year-end should be recorded in the current fiscal year as an expense and payable. A corresponding federal revenue and receivable should also be recorded in the same amount for the associated federal financial assistance.

Condition:

Our audit of the Unemployment Compensation Fund (UCF) included a review of year-end accruals related to Benefits Expense. We noted that the Benefits Payable balance reported within the UCF included amounts for regular UC; however, the balance did not include amounts for federal benefit claims associated with UI programs created by the CARES Act that were incurred during the fiscal year but paid after fiscal year-end. Additionally, corresponding federal revenue and receivables were not recorded for these federal benefits claims incurred.

Upon review of the DOL's benefit payments made after fiscal year-end, we determined the estimate for regular UC payables was reasonable, but the unreported payables related to reimbursable federal programs were estimated to be \$1.7 billion. An audit adjustment for this amount was proposed and accepted to report the year-end benefit accrual related to the CARES Act UI programs. In addition, a related federal revenue and receivable were recorded in the financial statements and the SEFA was updated to reflect the additional expenditures for the federal programs of the same amount.

Cause:

The DOL was not aware of the need to book benefit claims accruals for the federal reimbursable programs for the year under review until questioned by the auditors. In prior years, any benefit payments occurring after fiscal year-end involving federal reimbursable programs have been inconsequential to the UCF as reported in the Annual Report and have not been included in the financial statements prepared by the DOL. However, due to the receipt of UI funds associated with the CARES Act and the unprecedented volume of UC claims received in the last quarter of fiscal year 2020, the necessary benefit expense accrual at year-end increased tremendously and is significant to the UCF.

Effect:

Incomplete financial information was provided to the State Accounting Office (SAO) for inclusion in the State's Annual Report and SEFA. Without the adjustments proposed by auditors and accepted by the DOL, material misstatements would have been reflected in the State's financial statements.

Recommendation:

The DOL should develop and implement procedures to determine or estimate amounts for year-end benefit accruals related to all federal reimbursable programs as they are currently doing for the regular UI programs. Management should also ensure processes are in place to record related federal revenue and receivables and report the accrued expenditures on the State's SEFA.

Views of Responsible Officials:

We concur with the finding. The COVID-19 pandemic caused an unprecedented number of unemployment claims to be filed in Georgia which resulted in equally unprecedented benefit amounts that continue to be paid. Expansive changes in federal policy requirements left limited time to plan for year-end close procedures and full assurance that any updates in reporting system requirements were fully identified, vetted, communicated and implemented.

Auditor's Concluding Remarks:

The Georgia Department of Audits and Accounts (DOAA) acknowledges the overwhelming burden placed on the DOL during the last quarter of fiscal year 2020 due to the effects of the COVID-19 pandemic and the urgency with which payments were made to the unemployed citizens of Georgia. However, while auditors can provide limited technical assistance, it is the responsibility of the DOL management to make determinations regarding financial reporting. As auditors, it is our responsibility to determine whether these determinations are materially correct. We affirm our finding that the financial statements as presented did not include accruals for benefits payable related to federal UI funds.

STATE ENTITY: DEPARTMENT OF REVENUE

2020-010 Strengthen Financial Reporting Controls

Internal Control Impact: Material Weakness
Compliance Impact: None

The Department of Revenue should strengthen controls over financial reporting to ensure the accuracy of the information it prepares for the State's financial statements.

Background Information:

The Department of Revenue (DOR) relies extensively on its tax return collection and processing information system (the system) to perform complex calculations and collect and process large volumes of tax returns, payments, and refunds for the State. Based on information obtained from the system, the sales taxes assessed during the month of June and collected by DOR in the subsequent month of July are reported as sales tax revenue and receivables in the State's *Comprehensive Annual Financial Report* (Annual Report) for the year ended June 30th.

During Fiscal Year 2020, the State implemented GASB Statement No. 84, Fiduciary Activities, which improves guidance regarding the identification of fiduciary activities for accounting and financial reporting purposes and how those activities should be reported. This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus of the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. Separate criteria are included to identify fiduciary component units and postemployment benefit arrangements that are fiduciary activities. The implementation of this standard impacts the presentation of the receipts due to organizations external to the state.

Criteria:

The DOR is responsible for maintaining a system of controls over financial reporting in accordance with generally accepted accounting principles (GAAP). The design and operation of DOR's controls should allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements of the financial statements in a timely manner. Further, the control structure should enable the DOR to provide accurate and timely information to be reported in the State's Annual Report.

Condition:

As presented for audit by DOR, the information to be reported as part of the General Fund included activity related to the sales tax proceeds received during July 2020 due to local governments. Given the implementation of GASB 84, this activity should have been presented in the Custodial Funds. The following errors were identified and corrected:

- Beginning Fund Balance was overstated by \$522,513,046
- Sales Tax Revenue was overstated by \$19,203,126
- Due to Custodial Funds was understated by \$541,716,172
- Sales Tax Receivable was overstated by \$260,979,563
- Allowance for Doubtful Accounts was overstated by \$236,868,952
- Deferred Inflows of Resources was overstated by \$24,110,611

Cause:

The DOR management relied on the system to determine the July 2020 sales tax accrual and the year-end sales tax receivable; however, the system was not configured to identify the portion of sales tax proceeds due to local governments included in these balances.

Effect:

Without effective controls over the financial reporting process, DOR cannot ensure the accuracy of the financial information reported. The auditors proposed and the DOR accepted adjusting entries to correct the errors noted above. This lack of effective controls increases the risk of misstatements in the State's Annual Report.

Recommendation:

The DOR should review the current reporting processes and incorporate additional analyses and thorough reviews of financial information. In addition, DOR should continue to provide training and guidance to staff that will aid in the prevention or timely detection and correction of errors in the year-end information used to prepare and issue the State's Annual Report.

Views of Responsible Officials:

As officials of the Department of Revenue, we concur with your finding and will take action(s) to remediate this issue and mitigate any future risks.

STATE ENTITY: DEPARTMENT OF REVENUE (*continued*)

2020-011 Continue to Strengthen Logical Access Controls

Internal Control Impact: Significant Deficiency
Compliance Impact: Nonmaterial Noncompliance
Repeat of Prior Year Finding: 2019-009

The Department of Revenue should continue to strengthen controls over logical access within the tax return collection and processing information system.

Background Information:

The Department of Revenue (DOR) relies extensively on its tax return collection and processing information system (the system) to perform complex calculations and collect and process large volumes of tax returns, payments, and refunds for the State. The DOR is responsible for the effective operation of the system and related control activities, including segregation of duties. Controls over the system are essential for the reliability and integrity of DOR's financial data and to protect financial information from manipulation, corruption, or loss.

As part of our fiscal year 2020 audit, we followed up on DOR's efforts to implement corrective action plans in response to the prior year finding in which we reported that DOR did not have adequate controls in place over logical access within the system. Although DOR has not fully implemented all of its corrective action plans, we noted that ongoing efforts are being made.

Criteria:

The DOR is responsible for maintaining an effective information system, which includes information technology (IT) general controls that ensure logical access is assigned based on job roles and responsibilities along with enforcing segregation of incompatible duties. It also includes policies and procedures, which are important in establishing processes for managing and monitoring user access, changes made to user access roles, and defining segregation of duties rules that govern the assignment of access rights to specific roles.

Pursuant to the *Official Code of Georgia Annotated* (OCGA) §50-25-4(a)(20), the Georgia Technology Authority (GTA) is to establish technology security policies, standards, and services to be used by all agencies. The DOR is responsible for adhering to the technology security policies and standards which include:

- Access Control Policy (PS-08-009) - Access to State information assets is to be controlled and monitored to protect from unauthorized access and disclosure.
- Authorization and Access Management Standard (SS-08-010) - Requires periodic reviews of access control lists and logs to validate the appropriateness of user accounts and use of access privileges. Access control measures are critical to ensuring users only have access to the information for which they are authorized and need to perform their official duties.
- Separation of Production and Development Environments Standard (SS-08-031) - Production systems require a stable and controlled environment to operate properly. Separating development and test activities from and restricting developer access to operational environments reduces the risks of inadvertent or unauthorized modifications to the operational system that could compromise the system's integrity or availability.

Condition:

In response to our recommendations to strengthen logical access controls, the DOR made several improvements to address the removal of most inappropriate user access to the server production environment and the system. Additionally, the DOR removed inappropriate user access and corrected the general security settings configuration for databases noted in previously reported deficiencies. However, our review revealed that the following deficiencies still exist:

- Our IT general controls review revealed that 23 out of 152 users had inappropriate privileged access to the system.
- Our review of DOR's system application users revealed that one (out of 40) had inappropriate access that was not commensurate with their job responsibilities.

Furthermore, our review of certain application controls within the system revealed that 68 out of 69 application users had inappropriate access and a conflict of segregation of duties.

The details related to these deficiencies have been provided to DOR management and shall not be considered a public record in accordance with the OCGA §50-6-9(b).

Cause:

The DOR did not have a user access review process for the server production environment in place to determine whether privileged user access continues to be appropriate based on job responsibilities.

The DOR did not have a process in place to review current users' functional access within the application to ensure that access continues to be appropriate based on each user's job responsibilities.

Six application roles were misconfigured causing a conflict of segregation of duties. Additionally, DOR has not established a formal process for reviewing the access privileges assigned to roles within the system to ensure roles are not misconfigured.

Effect:

The deficiencies in logical access result in noncompliance with the GTA technology security policies and standards and increase the risk of unauthorized access to the information system data and possible manipulation or loss of data. In addition, although the DOR provided evidence that there were no inappropriate changes to the annual interest rate in the interest and penalty application with the system, the incorrect annual interest rate could have been charged to past due accounts as a result of the inappropriate access and segregation of duties deficiencies noted.

Recommendation:

While the DOR immediately removed the inappropriate access noted for the 68 users in the interest and penalty application within the system, the DOR should continue to strengthen its logical access controls by:

- Documenting and implementing a user access review process for the server production environment and current users' application roles to determine whether users' access continues to be appropriate based on job responsibilities;
- Removing the additional inappropriate user access identified within the application;

- Correcting the configuration of the roles that allowed access to enter and approve the annual interest rate associated with past due accounts within the system; and
- Documenting and implementing procedures for reviewing privileges assigned to application roles to determine whether proper segregation of duties exist and are enforced within the system.

Views of Responsible Officials:

As officials of DOR, we concur with your audit findings and have taken steps to remediate the issues found and mitigate any future risks to our data and/or systems.

STATE ENTITY: SAVANNAH STATE UNIVERSITY

2020-012 Internal Controls Over Financial Reporting

Internal Control Impact: Significant Deficiency
Compliance Impact: None

The Institution did not have adequate internal controls in place over the financial statement reporting process. The original financial statements, as presented for review, contained significant errors and misstatements.

Criteria:

Management is responsible for having adequate controls over the preparation of financial statements in accordance with generally accepted accounting principles (GAAP). The Institution's internal controls over GAAP financial reporting should include adequately trained personnel with the knowledge, skills and experience to prepare GAAP based financial statements and include all disclosures as required by the Governmental Accounting Standards Board (GASB).

Condition:

Our review of the Institution's GAAP basic financial statements, budget basis financial statements and notes to the financial statements revealed several errors. The following deficiencies were identified:

- The Institution recorded funds held for others and designated scholarships in the incorrect fund for numerous years. These accounts did not meet the requirements to be reported as fiduciary activities due to not being held in a custodial capacity, therefore they should have been recorded as restricted funds. Significant adjustments were necessary to properly reflect the financial statements and note disclosures.
- Cash and cash equivalents are misclassified as cash and cash equivalents externally restricted in the amount of \$1,094,639.00.
- There were several other insignificant misstatements noted on the financial statements, note disclosures and schedule of expenditures of federal awards.

Cause:

In discussing these deficiencies with management, they stated that this was due to turnover of staff.

Effect:

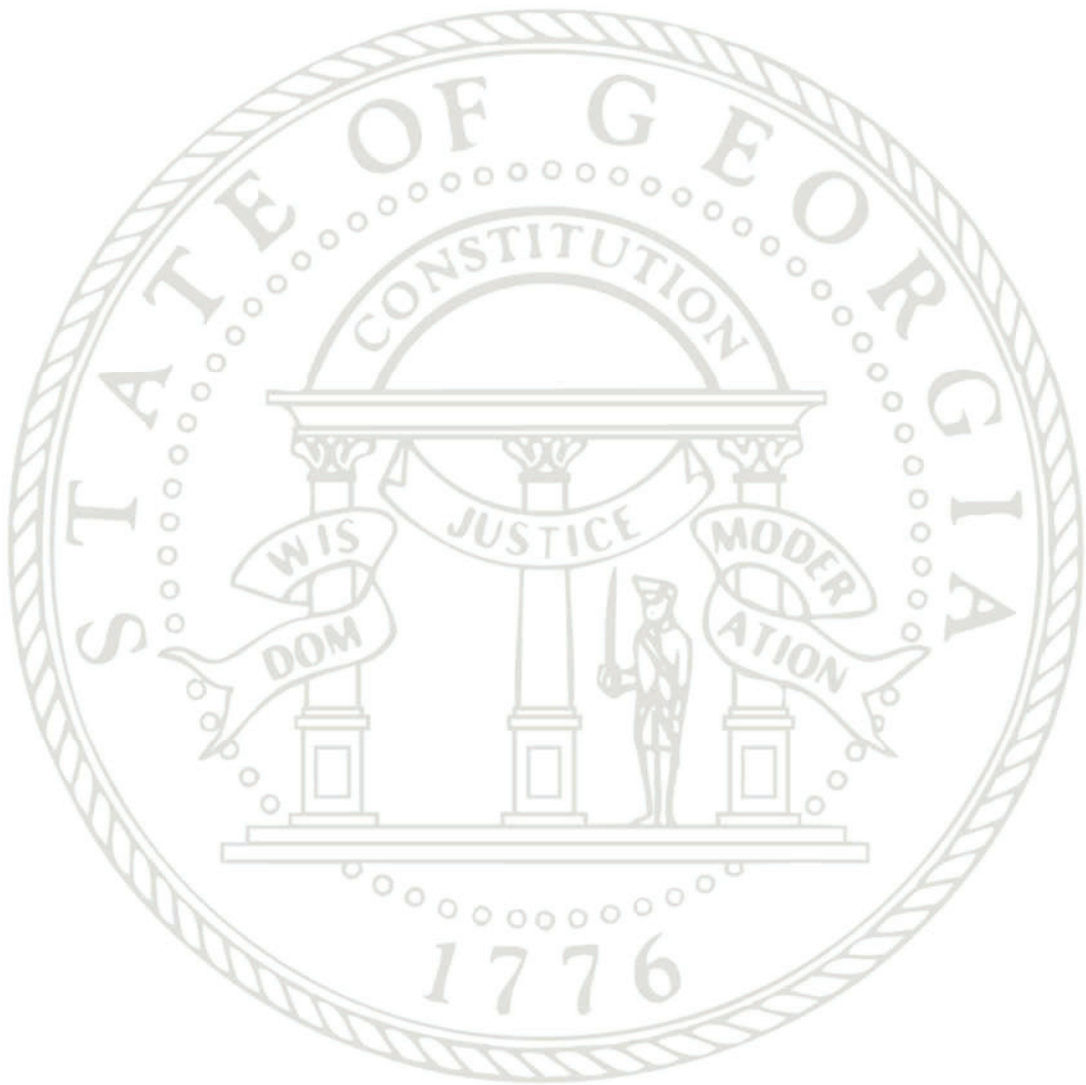
Significant misstatements were included in the financial statements presented for review. The lack of controls and monitoring could impact the reporting of the Institution's financial position and results of operations.

Recommendation:

The Institution should strengthen their internal controls and preparation and review procedures over financial reporting to ensure that the financial statements, including disclosures, presented for review are complete and accurate. These procedures should be performed by a properly trained individual(s) possessing a thorough understanding of GAAP, the applicable GASB pronouncements and knowledge of the Institution's activities and operations. The Institution should also consider implementing the use of a review checklist to assist in the review process over the financial statements.

Views of Responsible Officials:

We Concur with this finding.



Schedule of Expenditures of Federal Awards

The *Schedule of Expenditures of Federal Awards* (Schedule) is presented for purposes of additional analysis as required by the Uniform Guidance. The Schedule provides a summary of the State's federal program expenditures for the fiscal year ended June 30, 2020.

The Schedule presents total federal awards expended for each individual federal program, cluster, and federal awarding agency. The Notes to the Schedule, which are presented on pages C-128 through C-131, describe the significant accounting policies used in preparing the Schedule and other related information.

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
AFRICAN DEVELOPMENT FOUNDATION			
<i>AEOP BATTELLE EYBERMISSION</i>	<i>01.U01</i>	<i>US0010000718154</i>	<i>ARMY EDUCATIONAL OUTREACH PROGRAM</i>
TOTAL AFRICAN DEVELOPMENT FOUNDATION			
DEPARTMENT OF AGRICULTURE			
<i>AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH</i>	<i>10.001</i>		<i>OREGON STATE UNIVERSITY</i>
<i>AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH</i>	<i>10.001</i>		<i>PURDUE UNIVERSITY</i>
<i>AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH</i>	<i>10.001</i>		
<i>PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE</i>	<i>10.025</i>		
<i>PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE</i>	<i>10.025</i>		
<i>WILDLIFE SERVICES</i>	<i>10.028</i>		
<i>WETLANDS RESERVE PROGRAM</i>	<i>10.072</i>		
<i>VOLUNTARY PUBLIC ACCESS AND HABITAT INCENTIVE PROGRAM</i>	<i>10.093</i>		
<i>WILDFIRES AND HURRICANES INDEMNITY PROGRAM PLUS</i>	<i>10.129</i>		
<i>MARKET NEWS</i>	<i>10.153</i>		
<i>MARKET PROTECTION AND PROMOTION</i>	<i>10.163</i>		
<i>WHOLESALE FARMERS AND ALTERNATIVE MARKET DEVELOPMENT</i>	<i>10.164</i>		
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>CLEMSON UNIVERSITY</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>GEORGIA CITRUS ASSOCIATION</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>GEORGIA PEACH COUNCIL</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>PENNSYLVANIA STATE UNIVERSITY</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>THE CENTER FOR PRODUCE SAFETY</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>THE CENTER FOR PRODUCE SAFETY</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		<i>THE CENTER FOR PRODUCE SAFETY</i>
<i>SPECIALTY CROP BLOCK GRANT PROGRAM - FARM BILL</i>	<i>10.170</i>		
<i>TRADE MITIGATION PROGRAM ELIGIBLE RECIPIENT AGENCY OPERATIONAL FUNDS</i>	<i>10.178</i>		
<i>GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS</i>	<i>10.200</i>		<i>SOUTH CAROLINA SEA GRANT CONSORTIUM, INC.</i>
<i>GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS</i>	<i>10.200</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS</i>	<i>10.200</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS</i>	<i>10.200</i>		<i>VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY</i>
<i>COOPERATIVE FORESTRY RESEARCH</i>	<i>10.202</i>		
<i>PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT</i>	<i>10.203</i>		<i>UNIVERSITY OF GUAM</i>
<i>PAYMENTS TO AGRICULTURAL EXPERIMENT STATIONS UNDER THE HATCH ACT</i>	<i>10.203</i>		
<i>PAYMENTS TO 1890 LAND-GRANT COLLEGES AND TUSKEGEE UNIVERSITY</i>	<i>10.205</i>		
<i>ANIMAL HEALTH AND DISEASE RESEARCH</i>	<i>10.207</i>		
<i>HIGHER EDUCATION GRADUATE FELLOWSHIPS GRANT PROGRAM</i>	<i>10.210</i>		
<i>SMALL BUSINESS INNOVATION RESEARCH</i>	<i>10.212</i>		<i>CANDIDUS, INC.</i>
<i>SMALL BUSINESS INNOVATION RESEARCH</i>	<i>10.212</i>		<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>SMALL BUSINESS INNOVATION RESEARCH</i>	<i>10.212</i>		<i>UES, INC.</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>CLEMSON UNIVERSITY</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		<i>TEXAS A&M UNIVERSITY</i>
<i>SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION</i>	<i>10.215</i>		
<i>1890 INSTITUTION CAPACITY BUILDING GRANTS</i>	<i>10.216</i>		<i>UNIVERSITY OF MARYLAND EASTERN SHORE</i>

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
US0010000718154		\$6,249	\$6,249	N/A	\$0
		<u>\$6,249</u>			
J2285A-C		\$13,901	\$3,216,279	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F9001994502008		\$13,461	\$3,216,279	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,188,917	\$3,216,279	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$57,308	\$881,942	\$1,770,174	N/A	\$0
	\$7,309	\$888,232	\$1,770,174	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$335,686	\$335,686	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$66,045	\$66,045	N/A	\$0
		\$213,063	\$213,063	N/A	\$0
		\$12,884,459	\$12,884,459	N/A	\$0
		\$146	\$146	N/A	\$0
		\$84,188	\$84,188	N/A	\$0
		\$7,516	\$7,516	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$496,040	\$1,177,055	\$1,367,022	N/A	\$0
19432052011936		\$25,450	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RGACA0001179801		\$10,900	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RGAPCRD317197CV		\$36,518	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AM170100XXXXG018		\$14,945	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
6051UGRFPDA7029		\$12,624	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2020CPS03		\$37,330	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2020CPS04		\$22,960	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2020CPS08		\$23,998	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$5,242	\$1,367,022	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,364,000	\$40,732,394	\$40,732,394	N/A	\$0
20143850022308		\$3,082	\$59,197	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2000778818		\$7,211	\$59,197	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO1800632826		\$10,219	\$59,197	RESEARCH AND DEVELOPMENT	\$1,146,369,265
42255919105		\$38,685	\$59,197	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,391,264	\$1,391,264	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RUGUA0001171801		\$2,474	\$6,524,944	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$6,522,470	\$6,524,944	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,636,074	\$3,636,074	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$85,109	\$85,109	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$127,535	\$127,535	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HAIDEKKER		\$20,635	\$34,118	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-1		\$13,611	\$34,118	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON002993		-\$128	\$34,118	RESEARCH AND DEVELOPMENT	\$1,146,369,265
21552152013485		\$19,997	\$5,738,596	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-2		\$21,633	\$5,738,596	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1803790		\$3,238	\$5,738,596	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$3,860,731	\$5,693,728	\$5,738,596	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NIFA5208140UOG		\$4,900	\$53,781	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		
<i>HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM</i>	<i>10.217</i>		<i>UNIVERSITY OF ARKANSAS</i>
<i>BIOTECHNOLOGY RISK ASSESSMENT RESEARCH</i>	<i>10.219</i>		<i>TEXAS A&M AGRILIFE EXTENSION SERVICE</i>
<i>BIOTECHNOLOGY RISK ASSESSMENT RESEARCH</i>	<i>10.219</i>		<i>UNIVERSITY OF MINNESOTA</i>
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219		
AGRICULTURAL AND RURAL ECONOMIC RESEARCH, COOPERATIVE AGREEMENTS AND COLLABORATIONS	10.250		
CONSUMER DATA AND NUTRITION RESEARCH	10.253		
AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.290		
<i>INTEGRATED PROGRAMS</i>	<i>10.303</i>		<i>CLEMSON UNIVERSITY</i>
INTEGRATED PROGRAMS	10.303		
<i>HOMELAND SECURITY AGRICULTURAL</i>	<i>10.304</i>		<i>UNIVERSITY OF FLORIDA</i>
HOMELAND SECURITY AGRICULTURAL	10.304		
<i>ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE</i>	<i>10.307</i>		<i>CLEMSON UNIVERSITY</i>
<i>ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE</i>	<i>10.307</i>		<i>UNIVERSITY OF FLORIDA</i>
ORGANIC AGRICULTURE RESEARCH AND EXTENSION INITIATIVE	10.307		
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>CLEMSON UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>CORNELL UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>KANSAS STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>MICHIGAN STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>MICHIGAN STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>NEW MEXICO STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>TEXAS A&M AGRILIFE EXTENSION SERVICE</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>TEXAS A&M UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>WASHINGTON STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>WASHINGTON STATE UNIVERSITY</i>
<i>SPECIALTY CROP RESEARCH INITIATIVE</i>	<i>10.309</i>		<i>WASHINGTON STATE UNIVERSITY</i>
SPECIALTY CROP RESEARCH INITIATIVE	10.309		
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>LOUISIANA STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>MICHIGAN STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>OHIO STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>PENNSYLVANIA STATE UNIVERSITY</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>TEXAS A&M AGRILIFE EXTENSION SERVICE</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>UNIVERSITY OF CALIFORNIA</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>UNIVERSITY OF FLORIDA</i>
<i>AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)</i>	<i>10.310</i>		<i>UNIVERSITY OF FLORIDA</i>

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$5,556	\$48,881	\$53,781	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UAAES9144403		\$39,662	\$39,662	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1800644		\$20,291	\$233,927	RESEARCH AND DEVELOPMENT	\$1,146,369,265
H005031601		\$51,667	\$233,927	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$19,754	\$161,969	\$233,927	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$16,850	\$16,850	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$44,892	\$44,892	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$195,202	\$195,202	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18812072011599		\$16,961	\$236,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$46,366	\$219,312	\$236,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011545		\$14,171	\$252,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$238,380	\$252,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2051-207-2012799		\$38,638	\$874,490	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00012045		\$141,343	\$874,490	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$620,880	\$694,509	\$874,490	RESEARCH AND DEVELOPMENT	\$1,146,369,265
21702072023550		\$37,709	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7959810783		\$7,426	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S19016		\$74,212	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC105573UGARF		\$109,249	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC107752B		\$19,482	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
Q01893		\$55,097	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2010136508		-\$3,257	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2016022803		\$211,698	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017039805		\$26,406	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-1455-02		\$30,819	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
07S170716		\$842	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
06M1703439		\$1,497	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1900020		\$119,110	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB00002014		\$10,771	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00010607		\$16,173	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011194		\$161,823	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
125970G004092		\$89,520	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
133321G004107		\$20,263	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
133336-G003924		\$41,369	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$385,916	\$978,060	\$2,008,269	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2014-67001-2185		\$2,108	\$7,929,909	N/A	\$0
PO-0000037155		\$57,779	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC104967UGA		\$56,511	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018053002		\$192,313	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-1507-04		\$5,295	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009738		\$34,949	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60045862		\$99,177	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5198-UG-USDA-3179		\$104,023	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1902599		\$23,256	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
E18-16		\$109,147	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A170397S004		\$9,997	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
596002052		\$67,725	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011707		\$19,176	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011796		\$96,109	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF FLORIDA
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF FLORIDA
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF FLORIDA
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF ILLINOIS
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MARYLAND
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MICHIGAN
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF MINNESOTA
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF NEBRASKA-LINCOLN
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UNIVERSITY OF TENNESSEE
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		UTAH STATE UNIVERSITY
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		
SUN GRANT PROGRAM	10.320		UNIVERSITY OF TENNESSEE
SUN GRANT PROGRAM	10.320		UNIVERSITY OF TENNESSEE
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326		MISSOURI STATE UNIVERSITY
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		ALABAMA A&M UNIVERSITY
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		UNIVERSITY OF FLORIDA
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
NATIONAL FOOD SAFETY TRAINING, EDUCATION, EXTENSION, OUTREACH, AND TECHNICAL ASSISTANCE COMPETITIVE GRANTS PROGRAM	10.328		
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		NORTH CAROLINA STATE UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		TEXAS A&M UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		TEXAS A&M UNIVERSITY
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		UNIVERSITY OF FLORIDA
CROP PROTECTION AND PEST MANAGEMENT COMPETITIVE GRANTS PROGRAM	10.329		
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		MICHIGAN STATE UNIVERSITY
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		UNIVERSITY OF WISCONSIN - MADISON
ALFALFA AND FORAGE RESEARCH PROGRAM	10.330		
VETERINARY SERVICES GRANT PROGRAM	10.336		
RURAL BUSINESS DEVELOPMENT GRANT	10.351		
OUTREACH AND ASSISTANCE FOR SOCIALLY DISADVANTAGED AND VETERAN FARMERS AND RANCHERS	10.443		
OUTREACH AND ASSISTANCE FOR SOCIALLY DISADVANTAGED AND VETERAN FARMERS AND RANCHERS	10.443		
RURAL COMMUNITY DEVELOPMENT INITIATIVE	10.446		
COOPERATIVE AGREEMENTS WITH STATES FOR INTRASTATE MEAT AND POULTRY INSPECTION	10.475		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
UFDSP00011873		\$541,930	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00012103		\$91,532	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00012187		\$86,386	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
092155-17048		\$51,191	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5484325001201		\$78,820	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3004829728		\$64,454	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A0051247011		\$4,857	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2562390235314		\$32,060	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8500047012		\$1,171	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9500073193		\$48,149	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9500082983		\$7,109	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
200984420		\$36,697	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,055,813	\$6,007,988	\$7,929,909	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9500069679	\$12,206	\$12,206	\$13,320	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9500070415	\$114	\$1,114	\$13,320	RESEARCH AND DEVELOPMENT	\$1,146,369,265
16042-001		\$21,312	\$21,312	N/A	\$0
2017-70020-27253-FVSU		\$1,552	\$195,411	N/A	\$0
UFDSP00012353		\$5,756	\$195,411	RESEARCH AND DEVELOPMENT	\$1,146,369,265
54595419864		\$4,007	\$195,411	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$73,279	\$184,096	\$195,411	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2015008502		-\$21,104	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2015008538		\$2,325	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018320001		\$18,451	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018-32000-12		\$978	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018320005		\$6,165	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018320007		\$94,620	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
763		\$4,491	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
065170649		\$8,616	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1900309		\$48,871	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB00001810		\$12,825	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$108,247	\$393,453	\$569,691	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1110032273501		\$2,412	\$129,732	RESEARCH AND DEVELOPMENT	\$1,146,369,265
851K642		\$38,197	\$129,732	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$43,171	\$89,123	\$129,732	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$41,549	\$41,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$526,948	\$526,948	N/A	\$0
		\$22,044	\$26,177	N/A	\$0
		\$4,133	\$26,177	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$22,054	\$22,054	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,333,579	\$3,333,579	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		AUBURN UNIVERSITY
COOPERATIVE EXTENSION SERVICE	10.500		
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		AUBURN UNIVERSITY
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		COLORADO STATE UNIVERSITY
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		KANSAS STATE UNIVERSITY
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		KANSAS STATE UNIVERSITY
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		PURDUE UNIVERSITY
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		UNIVERSITY OF ARKANSAS
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		UNIVERSITY OF ARKANSAS
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		UNIVERSITY OF MISSOURI
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		UNIVERSITY OF MISSOURI
<i>COOPERATIVE EXTENSION SERVICE</i>	10.500		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
COOPERATIVE EXTENSION SERVICE	10.500		
SMITH-LEVER FUNDING (VARIOUS PROGRAMS)	10.511		
EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM	10.514		
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515		
RENEWABLE RESOURCES EXTENSION ACT AND NATIONAL FOCUS FUND PROJECTS	10.515		
CACFP TRAINING GRANTS	10.536		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		
COVID-19-SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	COVID-19	
SCHOOL BREAKFAST PROGRAM	10.553		
NATIONAL SCHOOL LUNCH PROGRAM	10.555		
COVID-19-NATIONAL SCHOOL LUNCH PROGRAM	10.555	COVID-19	
SPECIAL MILK PROGRAM FOR CHILDREN	10.556		
WIC SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557		
CHILD AND ADULT CARE FOOD PROGRAM	10.558		
SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	10.559		
STATE ADMINISTRATIVE EXPENSES FOR CHILD NUTRITION	10.560		
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		
COMMODITY SUPPLEMENTAL FOOD PROGRAM	10.565		
EMERGENCY FOOD ASSISTANCE PROGRAM (ADMINISTRATIVE COSTS)	10.568		
<i>EMERGENCY FOOD ASSISTANCE PROGRAM (FOOD COMMODITIES)</i>	10.569		STEP UP SAVANNAH
EMERGENCY FOOD ASSISTANCE PROGRAM (FOOD COMMODITIES)	10.569		
COVID-19-EMERGENCY FOOD ASSISTANCE PROGRAM (FOOD COMMODITIES)	10.569	COVID-19	
WIC FARMERS' MARKET NUTRITION PROGRAM (FMNP)	10.572		
FARM TO SCHOOL GRANT PROGRAM	10.575		
SENIOR FARMERS MARKET NUTRITION PROGRAM	10.576		
WIC GRANTS TO STATES (WGS)	10.578		
CHILD NUTRITION DISCRETIONARY GRANTS LIMITED AVAILABILITY	10.579		
FRESH FRUIT AND VEGETABLE PROGRAM	10.582		
PILOT PROJECTS TO REDUCE DEPENDENCY AND INCREASE WORK REQUIREMENTS AND WORK EFFORT UNDER SNAP	10.596		
EMERGING MARKETS PROGRAM	10.603		
USDA LOCAL AND REGIONAL FOOD AID PROCUREMENT PROGRAM	10.612		
FORESTRY RESEARCH	10.652		
<i>FORESTRY RESEARCH</i>	10.652		CRADLE OF FORESTRY
<i>FORESTRY RESEARCH</i>	10.652		U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.
<i>FORESTRY RESEARCH</i>	10.652		U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.
<i>FORESTRY RESEARCH</i>	10.652		U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.
FORESTRY RESEARCH	10.652		
COOPERATIVE FORESTRY ASSISTANCE	10.664		
<i>COOPERATIVE FORESTRY ASSISTANCE</i>	10.664		LONGLEAF ALLIANCE
COOPERATIVE FORESTRY ASSISTANCE	10.664		
SCHOOLS AND ROADS - GRANTS TO STATES	10.665		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
18-CHS-205205-VSU		\$243,303	\$5,586,984	N/A	\$0
		\$3,738,239	\$5,586,984	N/A	\$0
17HDFS205198UGRF		\$84,988	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G3833701		\$3,188	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S18053		\$34,365	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SKASU0001021501		\$18,834	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F9000837602045		\$169,650	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
31000-04		\$4,498	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3101112		\$26,736	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C000593817		\$5,632	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C00067296-2		\$90	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
32072619105		\$16,690	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$162,159	\$1,240,771	\$5,586,984	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,840,391	\$8,840,391	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,758,992	\$1,758,992	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$13,171	\$66,404	N/A	\$0
		\$53,233	\$66,404	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$22,584	\$22,584	N/A	\$0
		\$2,109,160,419	\$2,435,303,692	SNAP CLUSTER	\$2,534,375,954
		\$326,143,273	\$2,435,303,692	SNAP CLUSTER	\$2,534,375,954
	\$183,083,255	\$184,227,840	\$184,227,840	CHILD NUTRITION CLUSTER	\$824,191,882
	\$581,668,529	\$603,413,202	\$624,698,326	CHILD NUTRITION CLUSTER	\$824,191,882
		\$21,285,124	\$624,698,326	CHILD NUTRITION CLUSTER	\$824,191,882
	\$8,915	\$8,915	\$8,915	CHILD NUTRITION CLUSTER	\$824,191,882
	\$48,278,626	\$158,070,218	\$158,070,218	N/A	\$0
	\$7,250,050	\$7,463,208	\$7,463,208	N/A	\$0
	\$14,976,459	\$15,256,801	\$15,256,801	CHILD NUTRITION CLUSTER	\$824,191,882
	\$2,045,082	\$12,684,231	\$12,684,231	N/A	\$0
	\$10,590,956	\$99,072,262	\$99,072,262	SNAP CLUSTER	\$2,534,375,954
	\$574,162	\$2,286,754	\$2,286,754	FOOD DISTRIBUTION CLUSTER	\$27,126,427
	\$4,839,415	\$4,889,312	\$4,889,312	FOOD DISTRIBUTION CLUSTER	\$27,126,427
10283		\$13,650	\$19,950,361	FOOD DISTRIBUTION CLUSTER	\$27,126,427
		\$18,628,302	\$19,950,361	FOOD DISTRIBUTION CLUSTER	\$27,126,427
		\$1,308,409	\$19,950,361	FOOD DISTRIBUTION CLUSTER	\$27,126,427
		\$1,325,006	\$1,325,006	N/A	\$0
		\$2,959	\$2,959	N/A	\$0
		\$261,814	\$261,814	N/A	\$0
		\$859,754	\$859,754	N/A	\$0
	\$1,994,975	\$2,010,888	\$2,010,888	N/A	\$0
	\$3,921,949	\$3,921,949	\$3,921,949	N/A	\$0
		\$161,302	\$161,302	N/A	\$0
		\$20,663	\$20,663	N/A	\$0
	\$15,971	\$15,971	\$15,971	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$334,863	\$571,665	N/A	\$0
RCFIARR272706CV		\$62,725	\$571,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2012008		-\$544	\$571,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
E17-22		\$108,718	\$571,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
E1795		\$4,864	\$571,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$61,039	\$571,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,858,587	\$3,942,262	N/A	\$0
5520190100		\$3,708	\$3,942,262	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$79,967	\$3,942,262	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,167,454	\$1,167,454	\$1,167,454	FOREST SERVICE SCHOOLS AND ROADS CLUSTER	\$1,167,454

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
RURAL DEVELOPMENT, FORESTRY, AND COMMUNITIES	10.672		
<i>WOOD UTILIZATION ASSISTANCE</i>	<i>10.674</i>		<i>U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.</i>
WOOD UTILIZATION ASSISTANCE	10.674		
<i>URBAN AND COMMUNITY FORESTRY PROGRAM</i>	<i>10.675</i>		<i>OHIO STATE UNIVERSITY</i>
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		
<i>FOREST LEGACY PROGRAM</i>	<i>10.676</i>		<i>U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.</i>
FOREST LEGACY PROGRAM	10.676		
FOREST STEWARDSHIP PROGRAM	10.678		
FOREST STEWARDSHIP PROGRAM	10.678		
FOREST HEALTH PROTECTION	10.680		
FOREST HEALTH PROTECTION	10.680		
NATIONAL FISH AND WILDLIFE FOUNDATION	10.683		
<i>NATIONAL FISH AND WILDLIFE FOUNDATION</i>	<i>10.683</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
INTERNATIONAL FORESTRY PROGRAMS	10.684		
GOOD NEIGHBOR AUTHORITY	10.691		
WATERSHED RESTORATION AND ENHANCEMENT AGREEMENT AUTHORITY	10.693		
<i>STATE & PRIVATE FORESTRY COOPERATIVE FIRE ASSISTANCE</i>	<i>10.698</i>		<i>COLORADO STATE UNIVERSITY</i>
PARTNERSHIP AGREEMENTS	10.699		
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707		
COMMUNITY FACILITIES LOANS AND GRANTS	10.766		
COMMUNITY FACILITIES LOANS AND GRANTS	10.766		
NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP	10.777		
DISTANCE LEARNING AND TELEMEDICINE LOANS AND GRANTS	10.855		
RURAL ENERGY FOR AMERICA PROGRAM	10.868		
SOIL AND WATER CONSERVATION	10.902		
<i>SOIL AND WATER CONSERVATION</i>	<i>10.902</i>		<i>BRIER CREEK CONSERVATION DISTRICT</i>
<i>SOIL AND WATER CONSERVATION</i>	<i>10.902</i>		<i>JOHNS HOPKINS UNIVERSITY</i>
<i>SOIL AND WATER CONSERVATION</i>	<i>10.902</i>		<i>LONGLEAF ALLIANCE</i>
SOIL AND WATER CONSERVATION	10.902		
<i>SOIL SURVEY</i>	<i>10.903</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
SOIL SURVEY	10.903		
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		
<i>ENVIRONMENTAL QUALITY INCENTIVES PROGRAM</i>	<i>10.912</i>		<i>CLEMSON UNIVERSITY FLINT RIVER SOIL AND WATER CONSERVATION DISTRICT</i>
<i>ENVIRONMENTAL QUALITY INCENTIVES PROGRAM</i>	<i>10.912</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>ENVIRONMENTAL QUALITY INCENTIVES PROGRAM</i>	<i>10.912</i>		<i>PHEASANTS FOREVER, INC.</i>
<i>ENVIRONMENTAL QUALITY INCENTIVES PROGRAM</i>	<i>10.912</i>		<i>PHEASANTS FOREVER, INC.</i>
<i>ENVIRONMENTAL QUALITY INCENTIVES PROGRAM</i>	<i>10.912</i>		<i>UNIVERSITY OF WISCONSIN - MADISON</i>
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM	10.912		
WILDLIFE HABITAT INCENTIVE PROGRAM	10.914		
WATERSHED REHABILITATION PROGRAM	10.916		
<i>GRASSLAND RESERVE PROGRAM</i>	<i>10.920</i>		<i>FLINT RIVER SOIL AND WATER CONSERVATION DISTRICT</i>
SCIENTIFIC COOPERATION AND RESEARCH	10.961		
EFETAC WEBSITE/SOFTWARE SERVICES 2018/2019	10.RD	123456818C0016	
SOUTHERN PINE HEALTH RESEARCH COOPERATIVE - US	10.RD	1243ZP18P0036	
STEWARDSHIP OF RARE SPECIES ON THE SAVANNAH RIVER	10.RD	18-CS-11083601-002	
GROW IT, KNOW IT TRAINING PROGRAM	10.RD	20186801027672	
<i>THE IMPACT OF NUTRITION ASSISTANCE PROGRAMS ON FO.</i>	<i>10.RD</i>	<i>320000218519244</i>	<i>UNIVERSITY OF KENTUCKY</i>
ACQUISITION OF GOODS AND SERVICES	10.RD	5860408021	

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$780	\$780	RESEARCH AND DEVELOPMENT	\$1,146,369,265
E19-08		\$4,919	\$94,283	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$89,364	\$94,283	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60071596		\$3,692	\$23,023	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$19,331	\$23,023	RESEARCH AND DEVELOPMENT	\$1,146,369,265
14-PA-11080105-004		\$8,235	\$10,243	N/A	\$0
		\$2,008	\$10,243	N/A	\$0
		\$287,503	\$314,025	N/A	\$0
		\$26,522	\$314,025	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$208,202	\$440,450	N/A	\$0
		\$232,248	\$440,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$45,735	\$56,268	N/A	\$0
0406.18.061358		\$10,533	\$56,268	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$24,619	\$24,619	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$5,633	\$5,633	N/A	\$0
		\$253,816	\$253,816	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G-91388-01		\$1,041	\$1,041	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$6,092	\$656,706	\$656,706	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$18,733	\$18,733	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$108,167	\$76,198,167	COMMUNITY FACILITIES LOANS AND GRANTS CLUSTER	\$76,198,167
		\$76,090,000	\$76,198,167	COMMUNITY FACILITIES LOANS AND GRANTS CLUSTER	\$76,198,167
		\$34,010	\$34,010	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,639,943	\$1,639,943	N/A	\$0
		\$11,006	\$11,006	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$213,434	\$353,030	N/A	\$0
RBCWC0001167301		\$503	\$353,030	RESEARCH AND DEVELOPMENT	\$1,146,369,265
520595110		\$9,643	\$353,030	RESEARCH AND DEVELOPMENT	\$1,146,369,265
32.2019.01.00		\$19,573	\$353,030	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$109,877	\$353,030	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-0725-02		\$19,359	\$43,314	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$23,955	\$43,314	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$364,424	\$1,149,789	N/A	\$0
19802072022261		\$9,525	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RFRWCRF328190CV		\$171,324	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2015272901		\$45,868	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
WLFW 2018-08		\$9,254	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
WLFW 2018-10		\$133,079	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
128		\$24,439	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$72,317	\$391,876	\$1,149,789	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$97,105	\$97,105	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,750,821	\$1,750,821	N/A	\$0
RFRWC0001092001		\$9,325	\$9,325	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,725	\$3,725	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$6,422	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$17,693	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$13,424	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$20,551	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
320000218519244		\$35,497	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$4,020	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
WALLACE - HARNESSING ENDOPHYTES TO IMPROVE CROP EF.	10.RD	593608	FOUNDATION FOR FOOD AND AGRICULTURE RESEARCH
STUDY OF POPULATION RESPONSE OF BOBWHITE TO THE CO.	10.RD	9500068554	UNIVERSITY OF TENNESSEE
TECHNO-ECONOMIC ASSESSMENT AND LIFE CYCLE ANALYSIS	10.RD	E1746	U.S. ENDOWMENT FOR FORESTRY AND COMMUNITIES, INC.
INTEGRATING GOPHER TORTOISE RECOVERY	10.RD	LLA201803	LONGLEAF ALLIANCE
CLEAN WATER3 - REDUCE, REMEDIATE, RECYCLE, ENHANC.	10.RD	SUB00001399	UNIVERSITY OF FLORIDA
TOTAL DEPARTMENT OF AGRICULTURE			
DEPARTMENT OF COMMERCE			
OCEAN EXPLORATION	11.011		MOTE MARINE LABORATORY
OCEAN EXPLORATION	11.011		
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
CLUSTER GRANTS	11.020		
BIPARTISAN BUDGET ACT OF 2018	11.022		
BIPARTISAN BUDGET ACT OF 2018	11.022		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
BIPARTISAN BUDGET ACT OF 2018	11.022		THE SOUTHEAST COASTAL OCEAN OBSERVING REGIONAL ASSOCIATION
ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
ECONOMIC DEVELOPMENT TECHNICAL ASSISTANCE	11.303		
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313		
INTERJURISDICTIONAL FISHERIES ACT OF 1986	11.407		
SEA GRANT SUPPORT	11.417		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
SEA GRANT SUPPORT	11.417		JUNIATA COLLEGE
SEA GRANT SUPPORT	11.417		SOUTH CAROLINA SEA GRANT CONSORTIUM, INC.
SEA GRANT SUPPORT	11.417		SOUTH CAROLINA SEA GRANT CONSORTIUM, INC.
SEA GRANT SUPPORT	11.417		UNIVERSITY OF FLORIDA
SEA GRANT SUPPORT	11.417		UNIVERSITY OF GEORGIA MARINE EXTENSION AND GEORGIA SEA GRANT
SEA GRANT SUPPORT	11.417		UNIVERSITY OF MISSISSIPPI
SEA GRANT SUPPORT	11.417		
COASTAL ZONE MANAGEMENT ADMINISTRATION AWARDS	11.419		
COASTAL ZONE MANAGEMENT ADMINISTRATION AWARDS	11.419		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
593608		\$111,969	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9500068554		\$7,320	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
E1746		-\$414	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LLA201803		-\$48	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB00001399		\$0	\$216,434	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$869,813,056	\$3,772,894,639			
MML 105-320		\$37,086	\$743,402	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$706,316	\$743,402	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NA16NOS0120028		\$104,195	\$359,183	N/A	\$0
IOOS.16(028)GATECH.FZ.GLD .1		\$38,282	\$359,183	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IOOS.16(028)UGA/SKIO.P#3		\$14,482	\$359,183	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IOOS16028UGASKIOCE		\$12,144	\$359,183	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IOOS16028UGASKIODS		\$113,999	\$359,183	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IOOS16028UGASNOA		\$76,081	\$359,183	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$97,199	\$97,199	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$20,386	\$80,035	N/A	\$0
33772		\$18,386	\$80,035	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IOOS19191SKIOCESUPGLIDE R1		\$41,263	\$80,035	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-3		\$117,201	\$243,834	N/A	\$0
		\$126,633	\$243,834	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$272,042	\$928,176	\$928,176	N/A	\$0
		\$134,330	\$134,330	N/A	\$0
63828383-4	\$16,335	\$154,396	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RJNCG0001061001		\$17,243	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ASE1B		\$2,450	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CPASW		\$2,000	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009495		\$9,796	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE-3- 28864		\$9,696	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
19-01-033		\$19,860	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$166,964	\$1,669,545	\$1,884,986	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$229,359	\$1,982,520	\$2,285,829	N/A	\$0
63828383-5		\$79,407	\$2,285,829	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>COASTAL ZONE MANAGEMENT ADMINISTRATION AWARDS</i>	11.419		UNIVERSITY OF MICHIGAN
<i>COASTAL ZONE MANAGEMENT ESTUARINE RESEARCH RESERVES</i>	11.420		
<i>MARINE SANCTUARY PROGRAM</i>	11.429		
<i>CLIMATE AND ATMOSPHERIC RESEARCH</i>	11.431		UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH
<i>CLIMATE AND ATMOSPHERIC RESEARCH</i>	11.431		
<i>COOPERATIVE FISHERY STATISTICS</i>	11.434		
<i>SOUTHEAST AREA MONITORING AND ASSESSMENT PROGRAM</i>	11.435		
<i>MARINE MAMMAL DATA PROGRAM</i>	11.439		
<i>REGIONAL FISHERY MANAGEMENT COUNCILS</i>	11.441		SOUTH ATLANTIC FISHERY MANAGEMENT COUNCIL
<i>WEATHER AND AIR QUALITY RESEARCH</i>	11.459		
<i>APPLIED METEOROLOGICAL RESEARCH</i>	11.468		FLORIDA STATE UNIVERSITY CONSORTIUM FOR OCEAN LEADERSHIP
<i>CONGRESSIONALLY IDENTIFIED AWARDS AND PROJECTS</i>	11.469		
<i>UNALLIED SCIENCE PROGRAM</i>	11.472		
<i>OFFICE FOR COASTAL MANAGEMENT</i>	11.473		
<i>ATLANTIC COASTAL FISHERIES COOPERATIVE MANAGEMENT ACT</i>	11.474		
<i>EDUCATIONAL PARTNERSHIP PROGRAM</i>	11.481		UNIVERSITY OF MARYLAND EASTERN SHORE
<i>STATE AND LOCAL IMPLEMENTATION GRANT PROGRAM</i>	11.549		
<i>MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS</i>	11.609		GENEDGE
<i>MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS</i>	11.609		POLYTECHNIC UNIVERSITY OF PUERTO RICO
<i>MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS</i>	11.609		LEHIGH UNIVERSITY
<i>MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS</i>	11.609		
<i>MANUFACTURING EXTENSION PARTNERSHIP</i>	11.611		
<i>ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE</i>	11.619		COLORADO STATE UNIVERSITY NATIONAL INSTITUTE FOR INNOVATION IN MANUFACTURING BIOPHARMACEUTICALS
<i>ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE</i>	11.619		NATIONAL INSTITUTE FOR INNOVATION IN MANUFACTURING BIOPHARMACEUTICALS
<i>ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE</i>	11.619		UNIVERSITY OF DELAWARE
<i>ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE</i>	11.619		
<i>SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH</i>	11.620		
<i>MINORITY BUSINESS RESOURCE DEVELOPMENT</i>	11.802		
<i>MBDA BUSINESS CENTER</i>	11.805		
<i>MARINE DEBRIS PROGRAM</i>	11.999		
TOTAL DEPARTMENT OF COMMERCE			
DEPARTMENT OF DEFENSE			
<i>PAYMENTS TO STATES IN LIEU OF REAL ESTATE TAXES</i>	12.112		
<i>STATE MEMORANDUM OF AGREEMENT PROGRAM FOR THE REIMBURSEMENT OF TECHNICAL SERVICES</i>	12.113		
<i>COLLABORATIVE RESEARCH AND DEVELOPMENT</i>	12.114		UNIVERSITY OF MICHIGAN
<i>DEPARTMENT OF DEFENSE APPROPRIATION ACT OF 2003</i>	12.116		
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		AMERICAN SYSTEMS
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		AMEWAS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		AMEWAS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		BAE SYSTEMS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		BORGWARNER, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		BOSTON CHILDREN'S HOSPITAL
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		COGNITIVE ENGINEERING RESEARCH INSTITUTE
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		CONTINUUM DYNAMICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		CONTINUUM DYNAMICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		CONTINUUM DYNAMICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		CRAFT TECH

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
SUBK00011125	\$84,219	\$223,902	\$2,285,829	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$631,714	\$631,714	N/A	\$0
		\$18,000	\$18,000	RESEARCH AND DEVELOPMENT	\$1,146,369,265
840412668		\$10,468	\$250,570	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$240,102	\$250,570	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$135,588	\$135,588	N/A	\$0
		\$106,948	\$106,948	N/A	\$0
		\$26,756	\$26,756	N/A	\$0
SA-16-02-GA & SA-17-02-GA		\$45,628	\$45,628	N/A	\$0
		\$111,468	\$111,468	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R01856		\$41,146	\$41,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NA07SEC4690001		\$3,458	\$3,458	N/A	\$0
	\$34,255	\$1,032,571	\$1,032,571	N/A	\$0
		\$143,162	\$143,162	N/A	\$0
		\$722,588	\$722,588	N/A	\$0
NA11SEC4810002		\$293,076	\$293,076	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$74,074	\$74,074	N/A	\$0
138138		\$20,540	\$2,482,665	N/A	\$0
AGMT DTD 9/26/19		\$45,933	\$2,482,665	N/A	\$0
543580-78002		\$45,783	\$2,482,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$128,337	\$2,370,409	\$2,482,665	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$198,365	\$3,207,202	\$3,207,202	N/A	\$0
G-00745-13		\$36,102	\$294,514	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PC1.0-26		\$148,944	\$294,514	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TBD		\$12,410	\$294,514	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PC1026		\$97,058	\$294,514	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$30,087	\$30,087	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$62,500	\$331,213	\$331,213	N/A	\$0
	\$48,000	\$307,267	\$307,267	N/A	\$0
		\$0	\$0	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,240,376	\$17,046,669			
	\$1,551,307	\$1,551,307	\$1,551,307	N/A	\$0
		\$566,269	\$566,269	N/A	\$0
3003179759		\$115,548	\$115,548	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$384,860	\$384,860	N/A	\$0
		\$2,252	\$117,972,621	N/A	\$0
S19025_1		\$191,538	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO18-01655		\$53,685	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO19-01008		\$387,379	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
975057		\$20,150	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ARG DTD 11/22/2019		\$60,327	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008608		\$0	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CERI GTRC 2017-2382		\$94,649	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
141428		\$2,734	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD MAY 27, 2017		\$114,999	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD OCT 10, 2017		\$74,661	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
140988		\$14,667	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		CRAFT TECH
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		DYNETICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		DYNETICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		DYNETICS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		ENGLITY CORPORATION
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		ENVISIONEERING, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		FLORIDA STATE UNIVERSITY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		INNOVEERING, LLC
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		JACOBS TECHNOLOGY, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		JACOBS TECHNOLOGY, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LEIDOS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LEIDOS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LEIDOS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LUNA INNOVATIONS INCORPORATED
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LUNA INNOVATIONS INCORPORATED
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		LUNA INNOVATIONS INCORPORATED
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		NEC CORPORATION
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		NORTHROP GRUMMAN CORPORATION
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PENDAR TECHNOLOGIES, LLC
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PHYSICAL OPTICS CORPORATION
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PHYSICAL SCIENCES, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PHYSICAL SCIENCES, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PRINCETON UNIVERSITY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		PURDUE UNIVERSITY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		RAYTHEON COMPANY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		RICE UNIVERSITY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		SAIC, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		SAIC, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		SOAR TECHNOLOGY, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		SOAR TECHNOLOGY, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		SOAR TECHNOLOGY, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		STEALTH SOFTWARE TECHNOLOGIES, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		STRATEGIC ANALYSIS, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		TEKLA RESEARCH, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		THE BOEING COMPANY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		TUFTS UNIVERSITY
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF CALIFORNIA, SAN DIEGO
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF CALIFORNIA, SAN DIEGO
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF CENTRAL FLORIDA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF CONNECTICUT
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF CONNECTICUT
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF MARYLAND
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF NORTH TEXAS
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF NOTRE DAME
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF PENNSYLVANIA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF SOUTH CAROLINA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF VIRGINIA
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		UNIVERSITY OF WASHINGTON
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		VIASAT, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		ZETA ASSOCIATES, INC.
<i>BASIC AND APPLIED SCIENTIFIC RESEARCH</i>	12.300		
<i>SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION</i>	12.351		EMORY UNIVERSITY

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
N68335-18-C-0850		\$37,380	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3903		\$200,739	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-18-65		\$490,965	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-19-40/TO 0001		\$3,031,073	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO-0017302		\$0	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 19-0426		\$139,760	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RO2079		\$33,236	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD NOV 1, 2017		\$9,934	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1172-384-15-03		\$167,244	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CES-III-13-043		-\$67,794	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010217722		\$97,622	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010230959		\$103,499	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010237525		\$52,081	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
29601		\$718	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3602-NVY-2S/GTRI		\$60,239	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 12/19/16		\$42,822	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR 01/01/2020		\$79,897	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7500159934		\$2,483,552	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 01/01/20		\$30,000	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
POC#10201-GTRI		\$470,963	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
86042-4215-46		\$38,971	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
87352-4233-46		\$65,932	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB0000364		\$125,002	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
13000648-032		\$2,182	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4201913471		-\$338	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R18684		\$171,478	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010236291		-\$1,325	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010238931		\$552,092	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
34208		\$43,373	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SC-18-015		\$9,180	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SC-19-005		\$120,926	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGREEMENT DATED 9 OCT					
2019		\$123,563	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SA-GAT-NRL-0135-2019		\$136,891	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TRI-18-007		\$1,821	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1451798		\$293,431	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ONR029		\$183,394	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#108547341		\$92,652	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
43019109		-\$1,026	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005059		\$19,324	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
176432		\$28,687	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
184733		\$341,791	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
43832-Z8995001		\$48,594	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GF270701		\$10,613	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
208107GT		\$137,804	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
578186		\$149,789	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18-3437		-\$14,510	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
118062232		\$15,000	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
127224382		\$127,342	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GG12136.159334		\$187,327	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#UWSC9065		\$431,556	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4208464		\$431,953	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
090051SC-GTARC-01		\$281,385	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$20,804,443	\$105,336,796	\$117,972,621	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A166238		\$109,893	\$2,290,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351		
<i>ROTC LANGUAGE AND CULTURE TRAINING GRANTS</i>	<i>12.357</i>		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>ROTC LANGUAGE AND CULTURE TRAINING GRANTS</i>	<i>12.357</i>		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>ROTC LANGUAGE AND CULTURE TRAINING GRANTS</i>	<i>12.357</i>		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>ROTC LANGUAGE AND CULTURE TRAINING GRANTS</i>	<i>12.357</i>		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
MILITARY CONSTRUCTION, NATIONAL GUARD	12.400		
NATIONAL GUARD MILITARY OPERATIONS AND MAINTENANCE (O&M) PROJECTS	12.401		
NATIONAL GUARD CHALLENGE PROGRAM	12.404		
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		ALBERT EINSTEIN COLLEGE OF MEDICINE
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		AUGUSTA BIOMEDICAL RESEARCH CORPORATION
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		DREXEL UNIVERSITY
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		EMORY UNIVERSITY
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		EMORY UNIVERSITY
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		GENEVA FOUNDATION
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		GENEVA FOUNDATION
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		MISSISSIPPI STATE UNIVERSITY
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		ROCKEFELLER UNIVERSITY
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		SHEPHERD CENTER
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		UNIVERSITY OF ARIZONA
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		UNIVERSITY OF ARKANSAS
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>MILITARY MEDICAL RESEARCH AND DEVELOPMENT</i>	<i>12.420</i>		WAKE FOREST UNIVERSITY
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ADVANCED SYSTEMS & TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ADVANCED SYSTEMS & TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ADVANCED SYSTEMS & TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ADVANCED SYSTEMS & TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ADVANCED SYSTEMS & TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		ATA AEROSPACE, LLC
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		AUTONOMOUS SOLUTIONS, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		CARNEGIE MELLON UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		CONTINUUM DYNAMICS, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		CORNELL UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		DIGITAL ANALOG INTEGRATION, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		DIGITAL ANALOG INTEGRATION, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		GIRD SYSTEMS, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		GIRD SYSTEMS, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		GRAF RESEARCH, LLC
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		GRAF RESEARCH, LLC
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		JACOBS TECHNOLOGY, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		KAREM AIRCRAFT, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		KENNESAW STATE UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		RESEARCH AND SERVICE FOUNDATION
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		LUNA INNOVATIONS INCORPORATED
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		METOVA FEDERAL, LLC
<i>BASIC SCIENTIFIC RESEARCH</i>	<i>12.431</i>		MILLENNITEK, LLC

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$818,512	\$2,181,053	\$2,290,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PGO1801-GT-03-PGO-051-P021		\$86,606	\$368,009	N/A	\$0
PGO1801-GT-03-PGO-051-P01		\$9,721	\$368,009	N/A	\$0
PGO1801-UNG-23		\$171,476	\$368,009	N/A	\$0
PGO1801-GT-03-PGO-051-P022		\$100,206	\$368,009	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$874,705	\$874,705	N/A	\$0
		\$48,579,705	\$48,579,705	N/A	\$0
		\$16,521,910	\$16,521,910	N/A	\$0
321184		\$158,467	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB 32372		\$19,975	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W81XWH1810750		\$48,607	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A083981		\$10,638	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W81XWH1810526		\$2,174	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S1100002		\$53,056	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S1106501		\$161,120	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
183905.310605.01		\$50,793	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W81XW1710290		\$2,173	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007436		\$21,446	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W81XWH-17-1-0443		\$8,691	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SA1711151		\$25,125	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
084199-16474		\$17,144	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
WFUHS 441052 ER-02		\$7,836	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$314,147	\$3,523,196	\$4,110,441	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-311A (WAS 2017-311) PA02		\$2,031	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-311A PA 5		\$5,786,182	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PA 03/NSC-16-0160		\$136,789	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PA 04; NSC-16-0190		\$190,527	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PROJECT AGREEMENT NO.: 1		\$391,391	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD OCT 13, 2017		\$30,263	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGMT DTD 19-JUN-2020		\$3,726	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1130233-423485		\$109,767	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO # 19-181		\$21,138	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
76091-10525		\$395,858	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGMT DTD 18-NOV-2015		\$16,636	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W911QX19C004		\$16,837	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
42-002-1018CF40		\$598,389	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W15QKN-15-9-1004		\$82,467	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GTARC136560 DTD. 7-30-2018		\$59,188	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W56KGU-18-C-0020		\$68,412	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
6/21/19 MEMO TO FILE		\$277	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25115		\$73,662	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
W911NF-15-2-0107		\$8,441	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3623-ARM-1T/GTARC		\$43,869	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CBL-240		-\$482	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 09/25/2017		\$4,554	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		NATIONAL ADVANCED MOBILITY CONSORTIUM
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		NORTH CAROLINA STATE UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		NORTHWESTERN UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		RADIANCE TECHNOLOGIES, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SAIC, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SCIENTIFIC RESEARCH CORPORATION
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SCIENTIFIC RESEARCH CORPORATION
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SCIENTIFIC RESEARCH CORPORATION
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SCIENTIFIC RESEARCH CORPORATION
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SIGNATURE RESEARCH, INC.
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		SOUTH CAROLINA RESEARCH AUTHORITY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		STANFORD UNIVERSITY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		STEVENS INSTITUTE OF TECHNOLOGY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		STEVENS INSTITUTE OF TECHNOLOGY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		STEVENS INSTITUTE OF TECHNOLOGY
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		UNIVERSITY OF ARIZONA
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		UNIVERSITY OF CALIFORNIA, LOS ANGELES
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		UNIVERSITY OF PENNSYLVANIA
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		UNIVERSITY OF WASHINGTON
<i>BASIC SCIENTIFIC RESEARCH</i>	12.431		
<i>THE LANGUAGE FLAGSHIP GRANTS TO INSTITUTIONS OF HIGHER EDUCATION</i>	12.550		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>THE LANGUAGE FLAGSHIP GRANTS TO INSTITUTIONS OF HIGHER EDUCATION</i>	12.550		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>THE LANGUAGE FLAGSHIP GRANTS TO INSTITUTIONS OF HIGHER EDUCATION</i>	12.550		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>THE LANGUAGE FLAGSHIP GRANTS TO INSTITUTIONS OF HIGHER EDUCATION</i>	12.550		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>THE LANGUAGE FLAGSHIP GRANTS TO INSTITUTIONS OF HIGHER EDUCATION</i>	12.550		INSTITUTE OF INTERNATIONAL EDUCATION, INC.
<i>INVITATIONAL GRANTS FOR MILITARY-CONNECTED SCHOOLS</i>	12.557		MIDDLE GEORGIA REGIONAL COMMISSION
<i>COMMUNITY INVESTMENT</i>	12.600		
<i>COMMUNITY ECONOMIC ADJUSTMENT ASSISTANCE FOR COMPATIBLE USE AND JOINT LAND USE STUDIES</i>	12.610		
<i>ECONOMIC ADJUSTMENT ASSISTANCE FOR STATE GOVERNMENTS</i>	12.617		
<i>TROOPS TO TEACHERS GRANT PROGRAM</i>	12.620		
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		ADVANCED REGENERATIVE MANUFACTURING INSTITUTE
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		ALION SCIENCE AND TECHNOLOGY CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		AZIMUTH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		BAE SYSTEMS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		BAE SYSTEMS, INC.

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
70-201708 T01		\$360,530	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5902		\$28,229	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010459		\$199,323	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18S-1329		\$115,588	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4600005751/5		\$0	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DATED 5/14/18		-\$132	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SR20180749		\$540,803	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SR20180865		\$352,230	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SR20180986		\$66,853	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 04/11/17		\$100,876	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-311 PROJECT AGREEMENT 04		-\$26,589	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#61892934-130810		\$233,698	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#2102942-01		\$79,482	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2102929-02; WRT-1002		\$12,731	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2102960-01		\$149,939	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
530518		\$39,604	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1000GSA785		\$183,518	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
078122-17266		\$119,025	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
572622		\$847,753	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UWSC7915 P.O. # BPO 3109		\$10,993	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$21,425,768	\$150,620,760	\$162,075,136	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0054UGA11		\$24,060	\$752,550	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0054-UGA-11-AM-280-P05		\$756	\$752,550	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0054UGA11P	\$55,925	\$446,101	\$752,550	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0054-UNG-16-CHN-280		\$263,374	\$752,550	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SIOIE0001200001		\$18,259	\$752,550	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$26,915	\$26,915	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RMGRC0000992101		\$26,949	\$26,949	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$533,161	\$533,161	N/A	\$0
		\$13,142	\$13,142	N/A	\$0
	\$219,258	\$219,258	\$219,258	N/A	\$0
		\$713,588	\$123,701,450	N/A	\$0
T0170		\$8,326	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB1148651-001 TO NO. 001		\$255,429	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE-3- 16022		\$74,896	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1017356		\$589,291	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
992051		\$29,510	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		CALIFORNIA INSTITUTE OF TECHNOLOGY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		CFD RESEARCH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		CFD RESEARCH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		CHARLES RIVER ANALYTICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		CHARLES RIVER ANALYTICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		COLLINS AEROSPACE
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DUKE UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		DYNETICS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		EMORY UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		EXCET, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		EXCET, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		FLORIDA A&M UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		HARRIS CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		HONEYWELL INTERNATIONAL, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		HONEYWELL INTERNATIONAL, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		INTEL CORPORATION

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
S404649		\$59,335	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
20180196		\$50,919	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9373		\$120,727	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
140D0419C0048		\$86,270	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
56038		\$330,325	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 4507393359		\$67,171	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
313-0639		\$123,520	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TASK ORDER NO 06		\$37,114	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TASK ORDER NO 08		\$100,672	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TO 09		\$73,987	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TO 10		\$286,116	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TO 11		\$303,610	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05 TO4		\$331,573	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-15-05/TO7		\$129,654	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01 TASK ORDER 81		\$5,348	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01 TO 117		\$52,753	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01 TO 128		\$233,445	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01 TO 129		\$138,525	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01/TO 146		\$80,239	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DI-SC-16-01/TO 161		\$507,852	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO SB80027		\$4,958	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SB800038		\$1,466	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T803614		-\$3,652	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8071		\$70,168	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 7607		\$1	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C-5050		\$6,992	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-6	\$21,370	\$63,597	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO A000502775		\$335,408	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3501700183E		-\$729	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3501701149E		-\$1,474	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CW2051835		\$40,374	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		INTELLIGENT AUTOMATION, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		JACOBS TECHNOLOGY, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		JACOBS TECHNOLOGY, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		LEIDOS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		LEIDOS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		LOCKHEED MARTIN CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		MACAULAY-BROWN, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		MICROSEMI CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		MORSECORP, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		NATIONAL SCIENCE TEACHERS ASSOCIATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		NORTHROP GRUMMAN CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		NORTHWESTERN UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		NOVATEUR RESEARCH SOLUTIONS, LLC
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		OCEUS NETWORKS, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		OHIO STATE UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		OPTISYS
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		PHOSPHORTECH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		PHOSPHORTECH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		PHYSICAL SCIENCES, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		PHYSICAL SCIENCES, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		POLY-ORTH INTERNATIONAL
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		QUANTITECH, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		RICE UNIVERSITY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SIEMENS CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SMARTRONIX, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SPACE DYNAMICS LABORATORY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SPACE DYNAMICS LABORATORY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SPACEWORKS ENTERPRISES, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		STEVENS INSTITUTE OF TECHNOLOGY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		STEVENS INSTITUTE OF TECHNOLOGY
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SYSTEM HIGH CORPORATION
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		SYSTEMS ENGINEERING RESEARCH CENTER

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

<i>Identifying Number Assigned By Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
2509-1		\$1,062,761	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1153-01-01-06		\$12,523	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1153-01-02-06		\$485,414	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010170252-1		\$741	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P010192863		\$1,591,623	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4103970772		\$17,892	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DSC2134-01		\$105,684	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PB92205BV		\$42,137	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ICARUS-3-01		\$90,054	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
20-871-010		\$20,880	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
814000981		\$64,077	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60053553GEOR		\$9,642	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK-NGA172-003		\$60,178	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P100		-\$5,100	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60063184 (FORMERLY 60057838)		\$63	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR NOVEMBER 11, 2019		\$3,132	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGE DTD 03/10/16		\$16,510	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 8/4/2017		\$227,109	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10-02931		\$6,094	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 10-04345		\$18,281	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGRMT DTD 12/23/16		\$10,322	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
47QFSA18F0005		\$48	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R1A601		\$36,650	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GRP122-01		\$57,876	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17R14S, TASK ORDER #01		\$456,974	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CP0049402		\$1,096	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CP0053206		\$16,162	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD APR 9, 2018		\$1	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2102876-02		\$15,985	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2102962-01; WRT 1012		\$262,435	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
56133		\$25,464	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2102961-01		\$6,165	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		TETRA TECH, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		THE CHARLES STARK DRAPER LABORATORY, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		THE CHARLES STARK DRAPER LABORATORY, INC.
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF CALIFORNIA
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF MICHIGAN
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF NOTRE DAME
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF NOTRE DAME
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF NOTRE DAME
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF NOTRE DAME
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF NOTRE DAME
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF PENNSYLVANIA
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		UNIVERSITY OF PENNSYLVANIA
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		WEST COAST SOLUTIONS
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		WEST COAST SOLUTIONS
<i>BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING</i>	12.630		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>LEGACY RESOURCE MANAGEMENT PROGRAM</i>	12.632		SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		ALION SCIENCE AND TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		ALTAMIRA TECHNOLOGIES CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		APPLIED RESEARCH SOLUTIONS
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		ATC MATERIALS
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		ATC MATERIALS
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		AURA TECHNOLOGIES, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BAE SYSTEMS, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BINGHAMTON UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BOOZ ALLEN HAMILTON, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		BOOZ ALLEN HAMILTON, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		CLARKSON AEROSPACE CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		CORNELL UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		CORVID TECHNOLOGIES, LLC

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
AID-OAA I-14-00068/TO-16-00016		\$326,052	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SC001-00000001284		\$25,939	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SC001-0000001318		\$96,139	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10037		\$157,454	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
096363-17536		\$151,881	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00011571		\$320,557	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#203278GT-BAKIR		\$277,110	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#203278GT-YU		\$400,336	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
203278GT-KHAN		\$241,113	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
203278GT-NAEEMI		\$270,791	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
203278GT-RAYCHOWDHURY		\$628,297	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#576905		\$152,968	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
575015		\$39,890	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
140208		\$139,859	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 4-20-18		\$3,122	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$5,363,889	\$110,443,765	\$123,701,450	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-7		\$24,457	\$24,457	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RY9-GA-19-5-AFRL21		\$3,434	\$188,455,232	N/A	\$0
		\$20,966	\$188,455,232	N/A	\$0
SUB1148651-002		\$210,863	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
13025_001-GTRI		\$214,891	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
115		\$80,930	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
69361		\$7,985	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGMT DTD 11-08-2019		\$57,698	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 11/14/17		-\$2,886	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
994129		\$9,107	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
77723/1138629		-\$130	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
81628/1147215-2		\$47,083	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
85442		\$196,021	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
87545/1160002		\$400	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE-3-18232		\$118,091	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
106445SB18		\$85,054	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
106445SB18/TO 3		\$767,129	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
13-S7700-02-C2		\$0	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
89102-11265		\$165,834	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA8650-18-P-5047		-\$78	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		ENGINEERING RESEARCH & ANALYSIS COMPANY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		FLEXTECH ALLIANCE, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		FLORIDA INSTITUTE OF TECHNOLOGY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		FLORIDA INTERNATIONAL UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		FLORIDA INTERNATIONAL UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		GLOBAL TECHNOLOGY CONNECTION, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INFOSCITEX CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INFOSCITEX CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INFOSCITEX CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INNOVATIVE ADVANCED MATERIALS, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INNOVATIVE SCIENTIFIC SOLUTIONS, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		INNOVATIVE SCIENTIFIC SOLUTIONS, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		IOWA STATE UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		JT4, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		KBRWYLE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		KBRWYLE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		KBRWYLE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		L3 TECHNOLOGIES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		L3 TECHNOLOGIES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		LOCKHEED MARTIN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		LOCKHEED MARTIN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		LONG WAVE, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		LUNA INNOVATIONS INCORPORATED
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		LUNA INNOVATIONS INCORPORATED
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MAGEE TECHNOLOGIES, LLC (MTECH)
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MASSACHUSETTS INSTITUTE OF TECHNOLOGY, LINCOLN LABORATORY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MATRIX RESEARCH, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MATRIX RESEARCH, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		MATRIX RESEARCH, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NEXTFLEX
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTH CAROLINA STATE UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		NORTHROP GRUMMAN CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		OHIO AEROSPACE INSTITUTE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	<i>12.800</i>		PEMDAS TECHNOLOGIES & INNOVATIONS

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
FA9101-19-C-0033		\$152,552	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3		\$349,485	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DTFAC-17-C-0001		\$51,904	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
800009491-01UG		\$205,662	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
800011034-01UG		\$1,392	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD DTD 11/18/19		\$55,510	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CW2275049		-\$8	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA865015D2516		\$43,197	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 193640		\$239,290	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 194763		\$120,979	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD AUGUST 25, 2017		\$24,034	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 4/28/2020		\$80,695	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA650-19-P-2026		\$31,795	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
130186		\$6,933	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA8240-18-C-7218		\$6,677	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
APSC02292		\$30,963	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LXS005518		\$58,800	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LXS006819		\$71,735	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4501766939		\$80,000	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4700083088		\$28,727	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4103577628		\$780	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
6574008559		\$14,983	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GTRC01-001		\$18,379	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3660-AFR-1S/GTARC		\$23,150	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA8650-18-P-5043		\$33	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000197248P800		\$66,684	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7000437192		\$172,628	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7000472951		\$361,361	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ESCE-002		\$37,300	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-2014-011-02-04		\$74,561	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TASK ORDER 022		\$47,498	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGREEMENT DATED 21-FEB-2017		-\$4	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-1679-02		\$94,868	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7500157138		\$19,002	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7500165537		\$987,466	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7500172237		\$50,077	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
MP00214577		\$254	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
MP00251956		\$19,009	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
OAI-PACE-17005 MOD#002		\$20,830	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SSA DATE 26 JUN 2019		\$4,382	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		PENNSYLVANIA STATE UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		PHYSICAL SCIENCES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		PURDUE UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		RAYTHEON COMPANY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		RAYTHEON COMPANY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		RELIANCE TEST & TECHNOLOGY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SCIENTIFIC APPLICATIONS AND RESEARCH ASSOCIATES, INC. (SARA)
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SENTAR, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SOSSEC, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SOUTHWEST RESEARCH INSTITUTE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SPECTRAL ENERGIES, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SPECTRAL ENERGIES, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SPECTRAL ENERGIES, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SPG INSITUTE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SPG INSITUTE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SRI INTERNATIONAL
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		STELLAR SCIENCE
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		STONY BROOK UNIVERSITY, STATE UNIVERSITY OF NEW YORK
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		SURVICE ENGINEERING COMPANY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		TAU TECHNOLOGIES, LLC
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		THE BOEING COMPANY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		THE PERDUCCO GROUP, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UES, INC.
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSAL TECHNOLOGY CORPORATION
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSITY OF CALIFORNIA
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSITY OF CENTRAL FLORIDA
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UNIVERSITY OF HAWAII
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		UTAH STATE UNIVERSITY
<i>AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM</i>	12.800		VERUS RESEARCH
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		
LANGUAGE GRANT PROGRAM	12.900		
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901		
<i>MATHEMATICAL SCIENCES GRANTS PROGRAM</i>	12.901		FULTON COUNTY
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901		
<i>INFORMATION SECURITY GRANTS</i>	12.902		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>INFORMATION SECURITY GRANTS</i>	12.902		PURDUE UNIVERSITY
INFORMATION SECURITY GRANTS	12.902		
INFORMATION SECURITY GRANTS	12.902		
GENCYBER GRANTS PROGRAM	12.903		
GENCYBER GRANTS PROGRAM	12.903		
CYBERSECURITY CORE CURRICULUM	12.905		
<i>RESEARCH AND TECHNOLOGY DEVELOPMENT</i>	12.910		UNIVERSITY OF CALIFORNIA
<i>RESEARCH AND TECHNOLOGY DEVELOPMENT</i>	12.910		EMORY UNIVERSITY
<i>RESEARCH AND TECHNOLOGY DEVELOPMENT</i>	12.910		EMORY UNIVERSITY

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
5676-GTRC-AFOSR-0017		\$155,440	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10-02267		\$6,105	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#13000716-051		\$180,094	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
14787		\$150,029	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4201988553		\$704,187	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R17N0095		-\$579	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AFRL52.SC2		\$3,142,393	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 04/12/17		\$5,048	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PLA-0047		\$502,895	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
J99080CT		\$59,631	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RY9-GA-19-5-AFRL22		\$47,885	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FA8650-18-C-2001		\$110,819	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SB1717-001-1		\$50,064	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SB1819-001-1		\$49,634	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-ARC-S-19004		\$543,274	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-ARC-S-19006		\$298,214	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
19000270		\$41,206	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GTARC 140941 8/29/2020		\$59,269	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 3/16/2017		\$28,834	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
085001-002-0181-2014-05		\$10,762	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TAU 2019-002		\$76,774	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1636529		\$41,005	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ATP 13 APR 2020		\$44,846	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
45688		\$79,324	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-111-048-001		\$11,637	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-124-001-004		\$399,879	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-162-11-MR002		\$41,823	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-162-11-MR003		\$75,000	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-162-11-MR006		\$39,595	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
142411-16F2639-19-48-C11		\$6,615	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
165852-18F5828-19-16-C1		\$65,370	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
165852-19F5830-19-03-C1		\$291,208	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17-58401-03-C1		\$86,686	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18-7900-0008-38-C11		-\$118	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#KK1912		\$114,528	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
287381		\$97,158	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007875		\$236,308	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CP0047450		\$24,999	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1110-00037		\$79,223	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$40,661,460	\$174,862,213	\$188,455,232	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$68,731	\$68,731	N/A	\$0
		\$6,693	\$168,633	N/A	\$0
CON008346		-\$928	\$168,633	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$162,868	\$168,633	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-8		\$56,494	\$438,386	N/A	\$0
30483		\$808	\$438,386	N/A	\$0
		\$208,369	\$438,386	N/A	\$0
		\$172,715	\$438,386	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$136,151	\$155,733	N/A	\$0
		\$19,582	\$155,733	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$12,784	\$12,784	N/A	\$0
103181		\$640	\$13,848,549	N/A	\$0
T680127		\$13,882	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T793318		\$15,982	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		GENERAL DYNAMICS MISSION SYSTEMS, INC.
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		GENERAL DYNAMICS MISSION SYSTEMS, INC.
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		INTERNATIONAL BUSINESS MACHINES CORPORATION
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		SIEMENS CORPORATION
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		SIEMENS CORPORATION
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		SRI INTERNATIONAL
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		TELEDYNE SCIENTIFIC AND IMAGING, LLC
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY OF CALIFORNIA
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY OF CALIFORNIA
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY OF COLORADO
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY OF TENNESSEE
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY OF TEXAS AT DALLAS
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		
COMBUSTION PRODUCT EVALUATION OF FLAME RETARDANT	12.RD	2019-04-UGA-01	PRESCIENT EDGE
SUPPORT FOR RESPONSIVE OPTICAL MATERIALS RESEARCH	12.RD	2385404UGAD3	AZIMUTH CORPORATION
WILL CLIMATE-MEDIATED PHENOLOGICAL SHIFTS AFFECT	12.RD	ARM212UGA, EP0165508	TUFTS UNIVERSITY
TEEN LEADERSHIP CAMP	12.RD	F4199917P1701	
2019 TEEN LEADERSHIP	12.RD	F4199919P0719	
2018 LABOR DAY- 165TH ANNUAL TEEN RESILIENCY	12.RD	F8W3LS8220AW01	
A COMPREHENSIVE EVALUATION OF THE AIR FORCE PERSON	12.RD	FA701419CA031	
CHARACTERIZING MULTISCALE FEEDBACKS BETWEEN FOREST	12.RD	G-27001-02	COLORADO STATE UNIVERSITY
SUBPROJECT 1: NOTIFICATION OF TOXIC EXPOSURE (NOTE)	12.RD	HQ0034209PT04	PHILIPS RESEARCH
IPA - CHAPPELL	12.RD	SUSAR0001017901	
IPA FOR HABITAT MODELING (CAITLIN CONN)	12.RD	SUSAR0001029301	
2018 WADING BIRD SURVEYS AT THE NAVAL SUBMARINE BA.	12.RD	UGA-SREL WO 2018-001	LG2 ENVIRONMENTAL SOLUTIONS, INC.
COVALENT GRAFTING OF DURABLE AND OPTICALLY CLEAR	12.RD	W911QY 19P0013	
TELEHEALTH AT AMEDD MEDICAL CENTERS	12.RD	W911QY-16-A-0014-0017	GENEVA FOUNDATION
OVERSEAS MILITARY AND CULTURE	12.RD	W9124D-10-C-0036	
A NOVEL REACTIVE ELECTROCHEMICAL MEMBRANE SYSTEM	12.RD	W912HQ17C0010	
165TH CHOPPED PROGRAM	12.RD	W912JM18P0073	
165TH AIRLIFT WING TEEN LEADERSHIP RETREAT SUPPORT	12.RD	W912JM18P0074	
SALE OF FOREST PRODUCTS	12.U02	486TIMBER	
ARMY WO#12 DENTAL MATERIALS 2017-2018	12.U03	CONTRACT W91Y1TZ-17-P-1949	
ARMY WO#13 DENTAL MATERIALS 2018-2019	12.U04	CONTRACT W91Y1TZ18P0367	
ARMY WO #14 DENTAL MATERIALS 2019-2020	12.U05	CONTRACT W91Y1TZ19P0344	
THEORETICAL FOUNDATIONS FOR MACHINE LEARNING	12.U06	H98230-19-P-0820	
MACHINE LEARNING FOR DATA SCIENCE	12.U07	H98230-19-P-0823	
MILITARY TUITION ASSISTANCE	12.U08	40-00250, 40-00251, 40-00252	
TOTAL DEPARTMENT OF DEFENSE			
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT			
HOUSING COUNSELING ASSISTANCE PROGRAM	14.169		
MANUFACTURED HOME DISPUTE RESOLUTION	14.171		
COMMUNITY DEVELOPMENT BLOCK GRANTS/STATE'S PROGRAM AND NON-ENTITLEMENT GRANTS IN HAWAII	14.228		
EMERGENCY SOLUTIONS GRANT PROGRAM	14.231		
SUPPORTIVE HOUSING PROGRAM	14.235		
SHELTER PLUS CARE	14.238		
HOME INVESTMENT PARTNERSHIPS PROGRAM	14.239		
HOUSING OPPORTUNITIES FOR PERSONS WITH AIDS	14.241		
CONTINUUM OF CARE PROGRAM	14.267		
HOUSING TRUST FUND	14.275		
PROJECT RENTAL ASSISTANCE DEMONSTRATION (PRA DEMO) PROGRAM OF SECTION 811 SUPPORTIVE HOUSING FOR PERSONS WITH DISABILITIES	14.326		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
02ESM1022277		\$14,359	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
07162AOWLH		\$179,101	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5004876066		\$50,149	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
126-003		\$249,777	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TO #22		\$239,348	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
206-000114		\$121,663	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO00143792		\$92,213	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#00009974		\$20,813	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
103182		\$446	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FY18.920.001		\$87,523	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A18-0652-S001		\$22,204	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1907638		\$60,801	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$5,988,516	\$12,679,648	\$13,848,549	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-04-UGA-01		\$60,186	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2385404UGAD3		\$21,255	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ARM212UGA, EP0165508		\$88,894	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$26,189	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$38,286	\$327,662	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$6,585	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$11,356	\$359,508	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G-27001-02		\$54,213	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DTRA CON HQ0034209PT04		\$52,122	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$7,166	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$4,797	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UGA-SREL WO 2018-001		-\$15,856	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$57,428	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBCONTRACT#: S-40037-0017-01		\$12,145	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$16,305	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$5,562	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$11,397	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$128	\$1,084,562	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$14,409	\$14,409	\$14,409	N/A	\$0
		\$456	\$456	N/A	\$0
		\$6,375	\$6,375	N/A	\$0
		\$6,892	\$6,892	N/A	\$0
		\$24,189	\$24,189	N/A	\$0
		\$24,189	\$24,189	N/A	\$0
		\$1,925,938	\$1,925,938	N/A	\$0
	\$97,288,646	\$686,944,397			
		\$801,143	\$801,143	N/A	\$0
		\$790,653	\$790,653	N/A	\$0
	\$39,915,893	\$41,040,409	\$41,040,409	N/A	\$0
		\$4,793,064	\$4,793,064	N/A	\$0
		\$1,449,570	\$1,449,570	N/A	\$0
		\$13,801,525	\$13,801,525	N/A	\$0
	\$11,112,098	\$22,310,490	\$22,310,490	N/A	\$0
		\$2,638,720	\$2,638,720	N/A	\$0
		\$676,231	\$676,231	N/A	\$0
		\$3,894,027	\$3,894,027	N/A	\$0
		\$636,863	\$636,863	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
SECTION 8 HOUSING CHOICE VOUCHERS	14.871		
MAINSTREAM VOUCHERS	14.879		
LEAD-BASED PAINT HAZARD CONTROL IN PRIVATELY-OWNED HOUSING	14.900		
TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT			
DEPARTMENT OF THE INTERIOR			
AGRICULTURE ON INDIAN LANDS	15.034		
<i>JOINT FIRE SCIENCE PROGRAM</i>	15.232		UNIVERSITY OF OREGON
JOINT FIRE SCIENCE PROGRAM	15.232		
<i>MARINE MINERALS ACTIVITIES</i>	15.424		SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
MARINE MINERALS ACTIVITIES	15.424		
WATER DESALINATION RESEARCH AND DEVELOPMENT	15.506		
SPORT FISH RESTORATION	15.605		
<i>FISH AND WILDLIFE MANAGEMENT ASSISTANCE</i>	15.608		GULF STATES MARINE FISHERIES COMMISSION
<i>FISH AND WILDLIFE MANAGEMENT ASSISTANCE</i>	15.608		GULF STATES MARINE FISHERIES COMMISSION
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608		
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		ALABAMA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		CORNELL UNIVERSITY
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		STATE OF OKLAHOMA
<i>WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION</i>	15.611		TEXAS PARKS AND WILDLIFE DEPARTMENT
COASTAL WETLANDS PLANNING, PROTECTION AND RESTORATION	15.614		
<i>COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND</i>	15.615		ALABAMA DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
<i>COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND</i>	15.615		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND</i>	15.615		SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES
COOPERATIVE ENDANGERED SPECIES CONSERVATION FUND	15.615		
SPORTFISHING AND BOATING SAFETY ACT	15.622		
ENHANCED HUNTER EDUCATION AND SAFETY	15.626		
<i>MULTISTATE CONSERVATION GRANT</i>	15.628		NORTH CAROLINA STATE UNIVERSITY
MULTISTATE CONSERVATION GRANT	15.628		
<i>COASTAL</i>	15.630		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>COASTAL</i>	15.630		LONGLEAF ALLIANCE
<i>COASTAL</i>	15.630		LONGLEAF ALLIANCE
<i>COASTAL</i>	15.630		LONGLEAF ALLIANCE
PARTNERS FOR FISH AND WILDLIFE	15.631		
STATE WILDLIFE GRANTS	15.634		
RESEARCH GRANTS (GENERIC)	15.650		
<i>RESEARCH GRANTS (GENERIC)</i>	15.650		GALLUP
<i>RESEARCH GRANTS (GENERIC)</i>	15.650		GALLUP
<i>RESEARCH GRANTS (GENERIC)</i>	15.650		GALLUP
RESEARCH GRANTS (GENERIC)	15.650		
<i>ENDANGERED SPECIES RECOVERY IMPLEMENTATION</i>	15.657		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
ENDANGERED SPECIES RECOVERY IMPLEMENTATION	15.657		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$109,501,674	\$109,501,674	HOUSING VOUCHER CLUSTER	\$110,024,044
		\$522,370	\$522,370	HOUSING VOUCHER CLUSTER	\$110,024,044
		\$36,050	\$36,050	N/A	\$0
	\$51,027,991	\$202,892,789			
		\$0	\$0	RESEARCH AND DEVELOPMENT	\$1,146,369,265
281190C		\$51,105	\$77,807	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$26,702	\$77,807	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SCDNRFY2017018		\$39,678	\$107,554	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$67,876	\$107,554	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$21,428	\$21,428	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$65,265	\$7,222,802	\$7,222,802	FISH AND WILDLIFE CLUSTER	\$27,884,589
FWS-800-037-2018-UGA		\$10,280	\$92,457	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FWS8010372019UGA		\$28,266	\$92,457	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$53,911	\$92,457	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$20,484,972	\$20,581,808	FISH AND WILDLIFE CLUSTER	\$27,884,589
1162_54		\$20,608	\$20,581,808	RESEARCH AND DEVELOPMENT	\$1,146,369,265
74496-10644		-\$653	\$20,581,808	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TNBU 08012019 A103 153		\$24,256	\$20,581,808	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F19AF00287 W204R1		\$29,982	\$20,581,808	RESEARCH AND DEVELOPMENT	\$1,146,369,265
479099		\$22,643	\$20,581,808	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,099,456	\$3,099,456	N/A	\$0
F16AP00584		\$1,260,799	\$1,341,352	N/A	\$0
63828383-9		\$48,294	\$1,341,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P24014306117		\$23,747	\$1,341,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,512	\$1,341,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$633,189	\$655,570	\$655,570	N/A	\$0
		\$176,815	\$176,815	FISH AND WILDLIFE CLUSTER	\$27,884,589
2018031904		\$3,976	\$75,010	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$71,034	\$75,010	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-10		\$1,319	\$10,684	RESEARCH AND DEVELOPMENT	\$1,146,369,265
32.2019.02.00		\$9,889	\$10,684	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5520190200		\$19	\$10,684	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LLA201807		-\$543	\$10,684	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$6,432	\$6,432	N/A	\$0
		\$1,453,096	\$1,453,096	N/A	\$0
		\$26,315	\$416,273	N/A	\$0
D17PC00002		\$283,058	\$416,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
D17PC00002-003		\$40,985	\$416,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HR001119C0135-001		\$55,250	\$416,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$10,665	\$416,273	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F17AP00100		\$8,271	\$27,806	N/A	\$0
		\$19,535	\$27,806	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>NFWF-USFWS CONSERVATION PARTNERSHIP</i>	15.663		THE NATURE CONSERVANCY
NFWF-USFWS CONSERVATION PARTNERSHIP	15.663		
FISH AND WILDLIFE COORDINATION AND ASSISTANCE	15.664		
<i>ADAPTIVE SCIENCE</i>	15.670		MISSISSIPPI STATE UNIVERSITY
			GEORGIA SOUTHERN UNIVERSITY
			RESEARCH AND SERVICE
			FOUNDATION, INC.
<i>COOPERATIVE ECOSYSTEM STUDIES UNITS</i>	15.678		
COOPERATIVE ECOSYSTEM STUDIES UNITS	15.678		GEORGIA SOUTHERN UNIVERSITY
			RESEARCH AND SERVICE
			FOUNDATION, INC.
<i>ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES</i>	15.805		
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805		
EARTHQUAKE HAZARDS PROGRAM ASSISTANCE	15.807		
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808		
COOPERATIVE RESEARCH UNITS	15.812		
<i>NATIONAL LAND REMOTE SENSING EDUCATION OUTREACH AND RESEARCH</i>	15.815		AMERICAVIEW
<i>NATIONAL AND REGIONAL CLIMATE ADAPTATION SCIENCE CENTERS</i>	15.820		OKLAHOMA STATE UNIVERSITY
HISTORIC PRESERVATION FUND GRANTS-IN-AID	15.904		
HISTORIC PRESERVATION FUND GRANTS-IN-AID	15.904		
TECHNICAL PRESERVATION SERVICES	15.915		
OUTDOOR RECREATION ACQUISITION, DEVELOPMENT AND PLANNING	15.916		
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922		
			GEORGIA SOUTHERN UNIVERSITY
			RESEARCH AND SERVICE
			FOUNDATION, INC.
<i>COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM</i>	15.945		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945		
EMERGENCY SUPPLEMENTAL HISTORIC PRESERVATION FUND	15.957		
DIAGNOSTIC, FIELD AND TRAINING ASSISTANCE FOR WILD	15.RD	F15PX01848	
TOTAL DEPARTMENT OF THE INTERIOR			
DEPARTMENT OF JUSTICE			
SEXUAL ASSAULT SERVICES FORMULA PROGRAM	16.017		
OVW RESEARCH AND EVALUATION PROGRAM	16.026		
COMMUNITY-BASED VIOLENCE PREVENTION PROGRAM	16.123		
LEGAL ASSISTANCE FOR VICTIMS	16.524		
GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT, AND STALKING ON CAMPUS	16.525		
JUVENILE JUSTICE AND DELINQUENCY PREVENTION	16.540		
MISSING CHILDREN'S ASSISTANCE	16.543		
STATE JUSTICE STATISTICS PROGRAM FOR STATISTICAL ANALYSIS CENTERS	16.550		
<i>NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS</i>	16.560		WESTED
			KENNESAW STATE UNIVERSITY
			RESEARCH AND SERVICE
			FOUNDATION
<i>NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS</i>	16.560		RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
<i>NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS</i>	16.560		RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY
<i>NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS</i>	16.560		URBAN INSTITUTE
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560		
			KENNESAW STATE UNIVERSITY
			RESEARCH AND SERVICE
			FOUNDATION
<i>CRIME VICTIM ASSISTANCE</i>	16.575		
CRIME VICTIM ASSISTANCE	16.575		
CRIME VICTIM COMPENSATION	16.576		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
GABU01072019		\$25,000	\$48,962	N/A	\$0
		\$23,962	\$48,962	N/A	\$0
		\$54,457	\$54,457	N/A	\$0
19100033134105		\$5,917	\$5,917	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-11		\$16,810	\$82,839	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$66,029	\$82,839	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-12		\$1,875	\$58,260	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$25,003	\$56,385	\$58,260	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$12,616	\$12,616	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$309,163	\$309,163	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$219,011	\$219,011	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AV18-GA-01	\$1,000	\$28,885	\$28,885	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2-561570.UGA		\$77,291	\$77,291	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$98,702	\$1,244,805	\$1,247,764	N/A	\$0
		\$2,959	\$1,247,764	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$11,990	\$11,990	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$492,172	\$1,179,113	\$1,179,113	N/A	\$0
		\$17,202	\$17,202	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-13		\$13,558	\$531,891	N/A	\$0
	\$3,482	\$518,333	\$531,891	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$249,106	\$249,106	N/A	\$0
		\$71,173	\$71,173	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	<u>\$1,318,813</u>	<u>\$39,571,990</u>			
	\$648,578	\$699,326	\$699,326	N/A	\$0
	\$35,610	\$212,955	\$212,955	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$660	\$660	N/A	\$0
	\$6,980	\$22,189	\$22,189	N/A	\$0
		\$262,042	\$262,042	N/A	\$0
	\$323,780	\$574,685	\$574,685	N/A	\$0
		\$392,928	\$392,928	N/A	\$0
		\$78,830	\$78,830	N/A	\$0
CON006958		\$85,306	\$780,815	N/A	\$0
2016-MU-CX-K011		\$11,443	\$780,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012116		\$31,244	\$780,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013345		\$15,703	\$780,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
101749-0001-GTARC-01		\$6,911	\$780,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$630,208	\$780,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2015-VA-GX-0057		\$29,950	\$83,504,914	N/A	\$0
	\$60,410,627	\$83,474,964	\$83,504,914	N/A	\$0
		\$10,548,428	\$10,548,428	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582		
<i>CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS</i>	<i>16.582</i>		<i>EQUAL JUSTICE WORKS</i>
<i>CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS</i>	<i>16.582</i>		<i>GEORGIA COALITION AGAINST DOMESTIC VIOLENCE</i>
DRUG COURT DISCRETIONARY GRANT PROGRAM	16.585		
VIOLENCE AGAINST WOMEN FORMULA GRANTS	16.588		
GRANTS TO ENCOURAGE ARREST POLICIES AND ENFORCEMENT OF PROTECTION ORDERS PROGRAM	16.590		
RESIDENTIAL SUBSTANCE ABUSE TREATMENT FOR STATE PRISONERS	16.593		
CORRECTIONS TRAINING AND STAFF DEVELOPMENT	16.601		
STATE CRIMINAL ALIEN ASSISTANCE PROGRAM	16.606		
PROJECT SAFE NEIGHBORHOODS	16.609		
PROJECT SAFE NEIGHBORHOODS	16.609		
PUBLIC SAFETY PARTNERSHIP AND COMMUNITY POLICING GRANTS	16.710		
<i>JUVENILE MENTORING PROGRAM</i>	<i>16.726</i>		<i>NATIONAL 4-H COUNCIL</i>
JUVENILE MENTORING PROGRAM	16.726		
SPECIAL DATA COLLECTIONS AND STATISTICAL STUDIES	16.734		
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738		
DNA BACKLOG REDUCTION PROGRAM	16.741		
PAUL COVERDELL FORENSIC SCIENCES IMPROVEMENT GRANT PROGRAM	16.742		
<i>CRIMINAL AND JUVENILE JUSTICE AND MENTAL HEALTH COLLABORATION PROGRAM</i>	<i>16.745</i>		<i>FULTON COUNTY</i>
<i>CRIMINAL AND JUVENILE JUSTICE AND MENTAL HEALTH COLLABORATION PROGRAM</i>	<i>16.745</i>		<i>NEWTON COUNTY</i>
EDWARD BYRNE MEMORIAL COMPETITIVE GRANT PROGRAM	16.751		
SECOND CHANCE ACT REENTRY INITIATIVE	16.812		
JOHN R. JUSTICE PROSECUTORS AND DEFENDERS INCENTIVE ACT	16.816		
<i>JUSTICE REINVESTMENT INITIATIVE</i>	<i>16.827</i>		<i>THE COUNCIL OF STATE GOVERNMENTS</i>
INNOVATIVE RESPONSES TO BEHAVIOR IN THE COMMUNITY: SWIFT, CERTAIN, AND FAIR SUPERVISION PROGRAM	16.828		
NATIONAL SEXUAL ASSAULT KIT INITIATIVE	16.833		
BODY WORN CAMERA POLICY AND IMPLEMENTATION	16.835		
<i>COMPREHENSIVE OPIOID, STIMULANT, AND SUBSTANCE ABUSE PROGRAM</i>	<i>16.838</i>		<i>INSTITUTE FOR INTERGOVERNMENTAL RESEARCH</i>
COMPREHENSIVE OPIOID, STIMULANT, AND SUBSTANCE ABUSE PROGRAM	16.838		
<i>STOP SCHOOL VIOLENCE</i>	<i>16.839</i>		<i>BEN HILL COUNTY</i>
<i>STOP SCHOOL VIOLENCE</i>	<i>16.839</i>		<i>COFFEE COUNTY</i>
<i>STOP SCHOOL VIOLENCE</i>	<i>16.839</i>		<i>RICHMOND COUNTY SCHOOL DISTRICT</i>
OPIOID AFFECTED YOUTH INITIATIVE	16.842		
EQUITABLE SHARING PROGRAM	16.922		
DOJ FBI JTTF OCEDEF OVERTIME	16.U09	FS11404	
FBI NGMOTF	16.U10	FS11402	
DHS SLOT OR ICE OT	16.U11	FS 13401	
DEA OVERTIME	16.U12	29001	
FEDERAL OVERTIME AGREEMENTS	16.U13	DOJ AND FBI TASK FORCE AGREEMENTS	
JOINT LAW ENFORCEMENT OPERATIONS	16.U14	ICE OVERTIME REIMBURSEMENT	
TOTAL DEPARTMENT OF JUSTICE			
DEPARTMENT OF LABOR			
LABOR FORCE STATISTICS	17.002		
COMPENSATION AND WORKING CONDITIONS	17.005		
EMPLOYMENT SERVICE/WAGNER-PEYSER FUNDED ACTIVITIES	17.207		
UNEMPLOYMENT INSURANCE	17.225		
COVID-19-UNEMPLOYMENT INSURANCE	17.225	COVID-19	
SENIOR COMMUNITY SERVICE EMPLOYMENT PROGRAM	17.235		
TRADE ADJUSTMENT ASSISTANCE	17.245		
<i>WIOA ADULT PROGRAM</i>	<i>17.258</i>		<i>ATLANTA REGIONAL COMMISSION</i>

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$425,022	\$463,313	\$536,548	N/A	\$0
2018CVJC		\$63,689	\$536,548	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SGCADRE531340CV		\$9,546	\$536,548	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$25,326	\$83,262	\$83,262	N/A	\$0
	\$3,880,857	\$5,162,318	\$5,162,318	N/A	\$0
		\$32,309	\$32,309	N/A	\$0
	\$61,072	\$273,056	\$273,056	N/A	\$0
		\$69,888	\$69,888	N/A	\$0
		\$4,240,172	\$4,240,172	N/A	\$0
	\$154,411	\$242,745	\$244,956	N/A	\$0
		\$2,211	\$244,956	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$450,665	\$450,665	N/A	\$0
2018-JU-FX-0005		\$37,087	\$192,652	N/A	\$0
	\$40,729	\$155,565	\$192,652	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$118,157	\$118,157	N/A	\$0
	\$2,731,100	\$5,501,310	\$5,501,310	N/A	\$0
		\$1,603,840	\$1,603,840	N/A	\$0
		\$479,896	\$479,896	N/A	\$0
SCFULRE531267CV		\$2,061	\$12,842	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017MOBX0024		\$10,781	\$12,842	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$515	-\$515	N/A	\$0
		\$714,542	\$714,542	N/A	\$0
		\$52,339	\$52,339	N/A	\$0
31801		\$207,790	\$207,790	N/A	\$0
		\$8,120	\$8,120	N/A	\$0
	\$542,665	\$906,690	\$906,690	N/A	\$0
		\$3,452	\$3,452	N/A	\$0
38000_SFY20		\$73,469	\$126,777	N/A	\$0
	\$38,258	\$53,308	\$126,777	N/A	\$0
2018SVWX0011		\$87,797	\$160,602	N/A	\$0
2018SVWX0057		\$71,256	\$160,602	N/A	\$0
SUBAWARD NO. 34100-1		\$1,549	\$160,602	N/A	\$0
		\$106,307	\$106,307	N/A	\$0
	\$1,113	\$614,249	\$614,249	N/A	\$0
		\$18,796	\$18,796	N/A	\$0
		\$13,277	\$13,277	N/A	\$0
		\$7,785	\$7,785	N/A	\$0
		\$208,120	\$208,120	N/A	\$0
		\$265,549	\$265,549	N/A	\$0
		\$7,120	\$7,120	N/A	\$0
	\$69,326,128	\$119,500,643			
		\$1,599,701	\$1,599,701	N/A	\$0
		\$191,567	\$191,567	N/A	\$0
		\$13,331,482	\$13,331,482	EMPLOYMENT SERVICE CLUSTER	\$19,245,890
		\$2,291,151,599	\$10,286,072,612	N/A	\$0
		\$7,994,921,013	\$10,286,072,612	N/A	\$0
	\$1,772,513	\$1,813,385	\$1,813,385	N/A	\$0
		\$3,965,742	\$3,965,742	N/A	\$0
WD1817.2		\$399,180	\$33,539,061	WIOA CLUSTER	\$109,527,165

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>WIOA ADULT PROGRAM</i>	17.258		CENTRAL SAVANNAH RIVER AREA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		DEKALB COUNTY
<i>WIOA ADULT PROGRAM</i>	17.258		GEORGIA MOUNTAINS REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		MIDDLE GEORGIA CONSORTIUM, INC.
<i>WIOA ADULT PROGRAM</i>	17.258		NORTHEAST GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		NORTHEAST GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		NORTHWEST GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		NORTHWEST GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		NORTHWEST GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		RIVER VALLEY REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA ADULT PROGRAM</i>	17.258		WEST CENTRAL GEORGIA WORKFORCE DEVELOPMENT CORPORATION
WIOA ADULT PROGRAM	17.258		
<i>WIOA YOUTH ACTIVITIES</i>	17.259		DEKALB COUNTY
<i>WIOA YOUTH ACTIVITIES</i>	17.259		GEORGIA MOUNTAINS REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		GEORGIA MOUNTAINS REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		MIDDLE GEORGIA CONSORTIUM, INC.
<i>WIOA YOUTH ACTIVITIES</i>	17.259		NORTHEAST GEORGIA REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		NORTHEAST GEORGIA REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		NORTHWEST GEORGIA REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA YOUTH ACTIVITIES</i>	17.259		WEST CENTRAL GEORGIA WORKFORCE DEVELOPMENT CORPORATION
WIOA YOUTH ACTIVITIES	17.259		
WIOA PILOTS, DEMONSTRATIONS, AND RESEARCH PROJECTS	17.261		
H-1B JOB TRAINING GRANTS	17.268		
WORK OPPORTUNITY TAX CREDIT PROGRAM (WOTC)	17.271		
TEMPORARY LABOR CERTIFICATION FOR FOREIGN WORKERS	17.273		
YOUTHBUILD	17.274		FUTURE SEEKERS, INC.
YOUTHBUILD	17.274		
WIOA NATIONAL DISLOCATED WORKER GRANTS / WIA NATIONAL EMERGENCY GRANTS	17.277		GEORGIA MOUNTAINS REGIONAL COMMISSION
COVID-19-WIOA NATIONAL DISLOCATED WORKER GRANTS / WIA NATIONAL EMERGENCY GRANTS	17.277	COVID-19	
WIOA DISLOCATED WORKER FORMULA GRANTS	17.278		THREE RIVERS REGIONAL COMMISSION

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
WIOA1		\$136,431	\$33,539,061	WIOA CLUSTER	\$109,527,165
AA323611855A13/AA30743					
1755A13/AA332241955A13		\$76,611	\$33,539,061	WIOA CLUSTER	\$109,527,165
FY19ADULT		\$145,719	\$33,539,061	WIOA CLUSTER	\$109,527,165
17-11-20-AD		\$443,279	\$33,539,061	WIOA CLUSTER	\$109,527,165
25860		\$123,567	\$33,539,061	WIOA CLUSTER	\$109,527,165
3549A		\$1,427,669	\$33,539,061	WIOA CLUSTER	\$109,527,165
01-15-108-CA1		\$276,736	\$33,539,061	WIOA CLUSTER	\$109,527,165
01-15-114		\$387,374	\$33,539,061	WIOA CLUSTER	\$109,527,165
82717001		\$258,788	\$33,539,061	WIOA CLUSTER	\$109,527,165
11-15-16-08-015`		\$236,808	\$33,539,061	WIOA CLUSTER	\$109,527,165
19-06, 19-08		\$898,675	\$33,539,061	WIOA CLUSTER	\$109,527,165
AA-32361-18-55-A-13 AND AA-33224-19-55-A-13 A		\$387,553	\$33,539,061	WIOA CLUSTER	\$109,527,165
270529166A		\$84,834	\$33,539,061	WIOA CLUSTER	\$109,527,165
	\$25,498,151	\$28,255,837	\$33,539,061	WIOA CLUSTER	\$109,527,165
AA323611855A13/AA30743					
1755A13/AA332241955A13		\$8,949	\$28,601,959	WIOA CLUSTER	\$109,527,165
2					
25753		\$72,802	\$28,601,959	WIOA CLUSTER	\$109,527,165
WIOA YOUTH		\$217,874	\$28,601,959	WIOA CLUSTER	\$109,527,165
17-11-24-OSY		\$267,790	\$28,601,959	WIOA CLUSTER	\$109,527,165
25996		\$158,878	\$28,601,959	WIOA CLUSTER	\$109,527,165
3549Y		\$36,508	\$28,601,959	WIOA CLUSTER	\$109,527,165
01-15-20-989		\$590,987	\$28,601,959	WIOA CLUSTER	\$109,527,165
19-06, 19-07		\$208,451	\$28,601,959	WIOA CLUSTER	\$109,527,165
AA-32361-18-55-A-13 AND AA-33224-19-55-A-13 B		\$3,339	\$28,601,959	WIOA CLUSTER	\$109,527,165
270529166B		\$233,125	\$28,601,959	WIOA CLUSTER	\$109,527,165
	\$24,763,739	\$26,803,256	\$28,601,959	WIOA CLUSTER	\$109,527,165
		\$180,614	\$180,614	N/A	\$0
		\$1,422,429	\$1,422,429	N/A	\$0
		\$561,164	\$561,164	N/A	\$0
		\$477,267	\$477,267	N/A	\$0
35320		\$76,070	\$152,648	N/A	\$0
		\$76,578	\$152,648	N/A	\$0
WIOA NAVIGATOR		\$46,133	\$423,814	N/A	\$0
		\$377,681	\$423,814	N/A	\$0
STRRC0001146801		\$6,125	\$47,392,270	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		MIDDLE GEORGIA CONSORTIUM, INC.
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		MIDDLE GEORGIA CONSORTIUM, INC.
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		NORTHEAST GEORGIA REGIONAL COMMISSION
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		RIVER VALLEY REGIONAL COMMISSION
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		SOUTHERN GEORGIA REGIONAL COMMISSION
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		WEST CENTRAL GEORGIA WORKFORCE DEVELOPMENT CORPORATION
<i>WIOA DISLOCATED WORKER FORMULA GRANTS</i>	17.278		
WIOA DISLOCATED WORKER NATIONAL RESERVE DEMONSTRATION GRANTS	17.280		
OCCUPATIONAL SAFETY AND HEALTH SUSAN HARWOOD TRAINING GRANTS	17.502		
OCCUPATIONAL SAFETY AND HEALTH SUSAN HARWOOD TRAINING GRANTS	17.502		
CONSULTATION AGREEMENTS	17.504		
MINE HEALTH AND SAFETY GRANTS	17.600		
JOBS FOR VETERANS STATE GRANTS	17.801		
TOTAL DEPARTMENT OF LABOR			
DEPARTMENT OF STATE			
<i>ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS</i>	19.009		IREX
<i>ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS</i>	19.009		IREX
<i>ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS</i>	19.009		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS</i>	19.009		WORLD LEARNING, INC.
<i>ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE PROGRAMS</i>	19.009		WORLD LEARNING, INC.
<i>ENVIRONMENTAL AND SCIENTIFIC PARTNERSHIPS AND PROGRAMS</i>	19.017		VENTUREWELL
INTERNATIONAL PROGRAMS TO COMBAT HUMAN TRAFFICKING	19.019		
GLOBAL THREAT REDUCTION	19.033		
PUBLIC DIPLOMACY PROGRAMS	19.040		
<i>ACADEMIC EXCHANGE PROGRAMS - ENGLISH LANGUAGE PROGRAMS</i>	19.421		FHI 360
<i>ACADEMIC EXCHANGE PROGRAMS - ENGLISH LANGUAGE PROGRAMS</i>	19.421		FHI 360
AECCA/ESF PD PROGRAMS	19.900		
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		
TOTAL DEPARTMENT OF STATE			
DEPARTMENT OF TRANSPORTATION			
AIRPORT IMPROVEMENT PROGRAM	20.106		
<i>AVIATION RESEARCH GRANTS</i>	20.108		THE NATIONAL INSTITUTE OF AEROSPACE
<i>AVIATION RESEARCH GRANTS</i>	20.108		UNIVERSITY OF FLORIDA
AVIATION RESEARCH GRANTS	20.108		
AIR TRANSPORTATION CENTERS OF EXCELLENCE	20.109		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
17-11-20-DW		\$507,572	\$47,392,270	WIOA CLUSTER	\$109,527,165
WIA2019		\$83,535	\$47,392,270	WIOA CLUSTER	\$109,527,165
3549D		\$133,388	\$47,392,270	WIOA CLUSTER	\$109,527,165
31-15-16-08-015		\$12,575	\$47,392,270	WIOA CLUSTER	\$109,527,165
19-06		\$31,335	\$47,392,270	WIOA CLUSTER	\$109,527,165
AA-32361-18-55-A-13 AND AA-33224-19-55-A-13 C		\$1,224	\$47,392,270	WIOA CLUSTER	\$109,527,165
581656795		\$272,455	\$47,392,270	WIOA CLUSTER	\$109,527,165
	\$36,557,809	\$46,344,061	\$47,392,270	WIOA CLUSTER	\$109,527,165
		\$144,793	\$144,793	N/A	\$0
		\$182,583	\$288,829	N/A	\$0
		\$106,246	\$288,829	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,453,802	\$1,453,802	N/A	\$0
		\$184,220	\$184,220	N/A	\$0
		\$5,914,408	\$5,914,408	EMPLOYMENT SERVICE CLUSTER	\$19,245,890
	\$88,592,212	\$10,427,711,767			
198803		\$170,765	\$476,221	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011488		\$140,010	\$476,221	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-ECAGD-15-CA-1074-001		\$140,435	\$476,221	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CBSA18-UGA01		\$12,751	\$476,221	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RWLIN0001130001		\$12,260	\$476,221	RESEARCH AND DEVELOPMENT	\$1,146,369,265
23961	\$14,584	\$18,974	\$18,974	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$158,920	\$750,430	\$750,430	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$80,765	\$80,765	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$38,787	\$38,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011276		\$28,253	\$73,631	N/A	\$0
CON013088		\$45,378	\$73,631	N/A	\$0
		\$32,520	\$32,520	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$1,241	-\$1,241	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$173,504	\$1,470,087			
	\$31,722,276	\$32,379,999	\$32,379,999	N/A	\$0
X16-8329-GTRC		\$78,183	\$361,138	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673-PROJ. D		\$77,376	\$361,138	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$205,579	\$361,138	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$23,811	\$2,071,714	\$2,071,714	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		OKLAHOMA STATE UNIVERSITY
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE
<i>HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM</i>	20.200		THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE
HIGHWAY PLANNING AND CONSTRUCTION	20.205		
<i>HIGHWAY PLANNING AND CONSTRUCTION</i>	20.205		ICF INTERNATIONAL, INC.
<i>HIGHWAY PLANNING AND CONSTRUCTION</i>	20.205		UNIVERSITY OF NEVADA
HIGHWAY PLANNING AND CONSTRUCTION	20.205		
HIGHWAY TRAINING AND EDUCATION	20.215		
HIGHWAY TRAINING AND EDUCATION	20.215		
MOTOR CARRIER SAFETY ASSISTANCE	20.218		
RECREATIONAL TRAILS PROGRAM	20.219		
TRANSPORTATION INFRASTRUCTURE FINANCE AND INNOVATION ACT (TIFIA) PROGRAM	20.223		
COMMERCIAL DRIVER'S LICENSE PROGRAM IMPLEMENTATION GRANT	20.232		
COMMERCIAL MOTOR VEHICLE OPERATOR SAFETY TRAINING GRANTS	20.235		
MOTOR CARRIER SAFETY ASSISTANCE HIGH PRIORITY ACTIVITIES GRANTS AND COOPERATIVE AGREEMENTS	20.237		
RAILROAD RESEARCH AND DEVELOPMENT	20.313		
HIGH-SPEED RAIL CORRIDORS AND INTERCITY PASSENGER RAIL SERVICE CAPITAL ASSISTANCE GRANTS	20.319		
FEDERAL TRANSIT CAPITAL INVESTMENT GRANTS	20.500		
METROPOLITAN TRANSPORTATION PLANNING AND STATE AND NON-METROPOLITAN PLANNING AND RESEARCH	20.505		
FEDERAL TRANSIT FORMULA GRANTS	20.507		
COVID-19-FEDERAL TRANSIT FORMULA GRANTS	20.507	COVID-19	
FORMULA GRANTS FOR RURAL AREAS AND TRIBAL TRANSIT PROGRAM	20.509		
ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH DISABILITIES	20.513		
JOB ACCESS AND REVERSE COMMUTE PROGRAM	20.516		
NEW FREEDOM PROGRAM	20.521		
STATE OF GOOD REPAIR GRANTS PROGRAM	20.525		
BUSES AND BUS FACILITIES FORMULA, COMPETITIVE, AND LOW OR NO EMISSIONS PROGRAMS	20.526		
RAIL FIXED GUIDEWAY PUBLIC TRANSPORTATION SYSTEM STATE SAFETY OVERSIGHT FORMULA GRANT PROGRAM	20.528		
<i>STATE AND COMMUNITY HIGHWAY SAFETY</i>	20.600		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
FELLOWSHIP FOR MOSES IKE- SEP 2		\$24,000	\$243,631	N/A	\$0
RP 18-22/I.O. 2015-03		\$8,413	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RP 18-28		\$28,098	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RP 19-07		\$11,814	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1-578560-GTRC		\$11,433	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
182618L		\$23,185	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
200011051		\$40,256	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HR2044015		\$96,432	\$243,631	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$99,515,103	\$1,464,567,161	\$1,464,618,641	HIGHWAY PLANNING AND CONSTRUCTION CLUSTER	\$1,466,095,743
17ANSK0018	\$38,871	\$41,646	\$1,464,618,641	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GR10321		\$10,231	\$1,464,618,641	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$397	\$1,464,618,641	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$29,146	\$45,359	N/A	\$0
		\$16,213	\$45,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,822,417	\$8,822,417	FEDERAL MOTOR CARRIER SAFETY ASSISTANCE (FMCSA)	\$9,813,900
	\$1,421,491	\$1,528,582	\$1,528,582	HIGHWAY PLANNING AND CONSTRUCTION CLUSTER	\$1,466,095,743
		\$1,541,428	\$1,541,428	N/A	\$0
		\$539,317	\$539,317	N/A	\$0
		\$94,945	\$94,945	N/A	\$0
		\$991,483	\$991,483	FEDERAL MOTOR CARRIER SAFETY ASSISTANCE (FMCSA)	\$9,813,900
		-\$7	-\$7	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$154,625	\$154,625	N/A	\$0
		\$2,734,204	\$2,734,204	FEDERAL TRANSIT CLUSTER	\$37,889,970
	\$2,792,101	\$3,636,812	\$3,636,812	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$839,276	\$18,320,635	\$28,347,841	FEDERAL TRANSIT CLUSTER	\$37,889,970
	\$10,027,206	\$10,027,206	\$28,347,841	FEDERAL TRANSIT CLUSTER	\$37,889,970
	\$17,157,166	\$21,999,968	\$21,999,968	N/A	\$0
		\$5,802,615	\$5,802,615	TRANSIT SERVICES PROGRAMS CLUSTER	\$6,177,570
	\$114,229	\$120,045	\$120,045	TRANSIT SERVICES PROGRAMS CLUSTER	\$6,177,570
		\$254,910	\$254,910	TRANSIT SERVICES PROGRAMS CLUSTER	\$6,177,570
		\$815,442	\$815,442	FEDERAL TRANSIT CLUSTER	\$37,889,970
	\$5,992,483	\$5,992,483	\$5,992,483	FEDERAL TRANSIT CLUSTER	\$37,889,970
	\$1,304	\$873,184	\$873,184	N/A	\$0
63828383-14		\$2,696	\$9,110,100	HIGHWAY SAFETY CLUSTER	\$16,404,077
	\$3,644,503	\$9,107,404	\$9,110,100	HIGHWAY SAFETY CLUSTER	\$16,404,077

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) DISCRETIONARY SAFETY GRANTS AND COOPERATIVE AGREEMENTS E-911 GRANT PROGRAM	20.614 20.615		
<i>NATIONAL PRIORITY SAFETY PROGRAMS</i>	<i>20.616</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>NATIONAL PRIORITY SAFETY PROGRAMS</i>	<i>20.616</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		
PIPELINE SAFETY PROGRAM STATE BASE GRANT	20.700		
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		PURDUE UNIVERSITY
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		TEXAS A&M UNIVERSITY
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		UNIVERSITY OF FLORIDA
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		UNIVERSITY OF TEXAS AT ARLINGTON
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		UNIVERSITY OF TEXAS AT ARLINGTON
<i>UNIVERSITY TRANSPORTATION CENTERS PROGRAM</i>	<i>20.701</i>		UNIVERSITY OF TEXAS AT ARLINGTON
INTERAGENCY HAZARDOUS MATERIALS PUBLIC SECTOR TRAINING AND PLANNING GRANTS	20.703		
BIOBASED TRANSPORTATION RESEARCH	20.761		
<i>RESEARCH GRANTS</i>	<i>20.762</i>		AMERICAN PLANNING ASSOCIATION
<i>RESEARCH GRANTS</i>	<i>20.762</i>		ARIZONA STATE UNIVERSITY
<i>RESEARCH GRANTS</i>	<i>20.762</i>		ATMOSPHERIC TECHNOLOGY SERVICES COMPANY
<i>RESEARCH GRANTS</i>	<i>20.762</i>		CREATE, LLC
<i>RESEARCH GRANTS</i>	<i>20.762</i>		OLD DOMINION UNIVERSITY RESEARCH FOUNDATION
<i>RESEARCH GRANTS</i>	<i>20.762</i>		THE NATIONAL ACADEMIES OF SCIENCES, ENGINEERING, AND MEDICINE
<i>RESEARCH GRANTS</i>	<i>20.762</i>		TRANSPORTATION RESEARCH BOARD
<i>RESEARCH GRANTS</i>	<i>20.762</i>		TRANSPORTATION RESEARCH BOARD
<i>RESEARCH GRANTS</i>	<i>20.762</i>		TRANSPORTATION RESEARCH BOARD
<i>RESEARCH GRANTS</i>	<i>20.762</i>		TRANSPORTATION RESEARCH BOARD
<i>RESEARCH GRANTS</i>	<i>20.762</i>		TRANSPORTATION RESEARCH BOARD
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF CALIFORNIA, DAVIS
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF FLORIDA
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF FLORIDA
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF FLORIDA
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF FLORIDA
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF TEXAS AT ARLINGTON
<i>RESEARCH GRANTS</i>	<i>20.762</i>		UNIVERSITY OF TEXAS AT ARLINGTON

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$120,322	\$120,322	N/A	\$0
		\$93,143	\$93,143	N/A	\$0
63828383-15		\$1,662	\$7,293,977	HIGHWAY SAFETY CLUSTER	\$16,404,077
YA-2018402TSP-010		\$19,135	\$7,293,977	HIGHWAY SAFETY CLUSTER	\$16,404,077
	\$1,159,393	\$7,273,180	\$7,293,977	HIGHWAY SAFETY CLUSTER	\$16,404,077
		\$1,162,909	\$1,162,909	N/A	\$0
00055082-02A		\$42	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
00055082-02B		\$129,309	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
00055082-02C		\$76,897	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
16100096-024		\$104,473	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
12-S171237		\$160,721	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673		\$0	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
019-09		\$40,298	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CTEDD 018-02		\$33,341	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CTEDD 019-21		\$38,085	\$583,166	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$375,908	\$375,908	N/A	\$0
		\$61,013	\$61,013	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGMT DTD 7/24/18		\$13,283	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17-166		\$521,313	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TASK ORDER 0001/BOA 953		\$75	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
6913G618C100008		\$71,747	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD EXECUTED 9/10/19		\$9,000	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HR-01-60		\$207,433	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
139903		\$38,336	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HR 08-102 ITEM 12		\$46,877	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NCHRP-214		\$37,792	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TCRP A-43		\$190,778	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TCRP J-11(028)		\$0	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A17-0183-S002		\$621,764	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AMEND #6 (UFDSP00011673		\$1,746	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AMEND #7					
(UFDSP00011673)		\$36,602	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673 - PROJECT					
Q2		\$29,238	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673 (AMEND 4)		\$12,998	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673 AMEND 18					
PROJ H3		\$6,832	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011673 AMEND. 5		\$40,452	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CTEDD 018-07		\$25,651	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CTEDD 2020		\$13,569	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>RESEARCH GRANTS</i>	20.762		UNIVERSITY OF TEXAS AT ARLINGTON
RESEARCH GRANTS	20.762		
NATIONALLY SIGNIFICANT FREIGHT AND HIGHWAY PROJECTS	20.934		
COVID-19-PPE ¹	20.U15	COVID-19 FACE COVERINGS	
TOTAL DEPARTMENT OF TRANSPORTATION			
DEPARTMENT OF TREASURY			
<i>VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM</i>	21.009		BRENAU UNIVERSITY
EQUITABLE SHARING	21.016		
COVID-19-CORONAVIRUS RELIEF FUND	21.019	COVID-19	
TOTAL DEPARTMENT OF TREASURY			
APPALACHIAN REGIONAL COMMISSION			
APPALACHIAN AREA DEVELOPMENT	23.002		
<i>APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND DEMONSTRATION PROJECTS</i>	23.011		EAST TENNESSEE STATE UNIVERSITY
APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND DEMONSTRATION PROJECTS	23.011		
TOTAL APPALACHIAN REGIONAL COMMISSION			
EQUAL EMPLOYMENT OPPORTUNITY COMMISSION			
EMPLOYMENT DISCRIMINATION TITLE VII OF THE CIVIL RIGHTS ACT OF 1964	30.001		
TOTAL EQUAL EMPLOYMENT OPPORTUNITY COMMISSION			
GENERAL SERVICES ADMINISTRATION			
DONATION OF FEDERAL SURPLUS PERSONAL PROPERTY	39.003		
TOTAL GENERAL SERVICES ADMINISTRATION			
NATIONAL AERONAUTICS & SPACE ADMINISTRATION			
<i>SCIENCE</i>	43.001		BAY AREA ENVIRONMENTAL RESEARCH INSTITUTE
<i>SCIENCE</i>	43.001		CLEMSON UNIVERSITY
<i>SCIENCE</i>	43.001		DARTMOUTH COLLEGE
<i>SCIENCE</i>	43.001		FLORIDA INTERNATIONAL UNIVERSITY
<i>SCIENCE</i>	43.001		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY
<i>SCIENCE</i>	43.001		JET PROPULSION LABORATORY

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

1 - COVID-19 non-monetary amounts are unaudited.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
CTEDD 2020-02		\$19,871	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$40,227	\$488,195	\$2,433,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$14,522,022	\$14,522,022	N/A	\$0
		\$6,250	\$6,250	N/A	\$0
	<u>\$174,489,440</u>	<u>\$1,619,733,138</u>			
RBUX0000970801		\$3,666	\$3,666	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$199,159	\$199,159	N/A	\$0
		\$315,079,890	\$315,079,890	N/A	\$0
		<u>\$315,282,715</u>			
	\$3,564,833	\$3,617,909	\$3,617,909	N/A	\$0
19-297-1-S2.1		\$4,500	\$349,981	N/A	\$0
		\$345,481	\$349,981	N/A	\$0
	<u>\$3,564,833</u>	<u>\$3,967,890</u>			
		\$26,198	\$26,198	N/A	\$0
		<u>\$26,198</u>			
		\$3,062,658	\$3,062,658	N/A	\$0
		<u>\$3,062,658</u>			
RBAER0000937701		\$14,684	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RCLEM0001059301		\$24,161	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R1017		\$19,279	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
800007887-01UG		\$97,890	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-16		\$24,084	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1570950		\$22,962	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1611139		\$62,438	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1614716		\$10,000	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1614730		\$7,053	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1614809		\$7,382	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1616612		-\$5,305	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1619992		\$13,666	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1626782		\$17,705	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1627438		\$60,354	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1627988		\$7,804	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1631930		\$164,026	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1639444		\$111,318	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1639653		\$33,475	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
SCIENCE	43.001		JET PROPULSION LABORATORY
SCIENCE	43.001		JET PROPULSION LABORATORY
SCIENCE	43.001		JET PROPULSION LABORATORY
SCIENCE	43.001		JET PROPULSION LABORATORY
SCIENCE	43.001		JET PROPULSION LABORATORY
SCIENCE	43.001		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SCIENCE	43.001		NORTH CAROLINA STATE UNIVERSITY
SCIENCE	43.001		NORTH CAROLINA STATE UNIVERSITY
SCIENCE	43.001		NORTHERN ARIZONA UNIVERSITY
SCIENCE	43.001		PENNSYLVANIA STATE UNIVERSITY
SCIENCE	43.001		PREDICTIVE SCIENCE, INC.
SCIENCE	43.001		SOUTHWEST RESEARCH INSTITUTE
SCIENCE	43.001		SPACE TELESCOPE SCIENCE INSTITUTE
SCIENCE	43.001		SPACE TELESCOPE SCIENCE INSTITUTE
SCIENCE	43.001		THE NATIONAL INSTITUTE OF AEROSPACE
SCIENCE	43.001		THE NATIONAL INSTITUTE OF AEROSPACE
SCIENCE	43.001		THE NATIONAL INSTITUTE OF AEROSPACE
SCIENCE	43.001		THE UNIVERSITY OF ALABAMA IN HUNTSVILLE
SCIENCE	43.001		TROUT UNLIMITED - NATIONAL OFFICE
SCIENCE	43.001		UNIVERSITY OF CALIFORNIA, LOS ANGELES
SCIENCE	43.001		UNIVERSITY OF CALIFORNIA, RIVERSIDE
SCIENCE	43.001		UNIVERSITY OF CALIFORNIA, SANTA BARBARA
SCIENCE	43.001		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
SCIENCE	43.001		YALE UNIVERSITY
SCIENCE	43.001		
AERONAUTICS	43.002		
AERONAUTICS	43.002		ANALYTICAL SERVICES & MATERIALS, INC.
AERONAUTICS	43.002		BOOZ ALLEN HAMILTON, INC.
AERONAUTICS	43.002		BOOZ ALLEN HAMILTON, INC.
AERONAUTICS	43.002		CROWN CONSULTING, INC.
AERONAUTICS	43.002		DNC PARKS & RESORTS AT KSC, INC.
AERONAUTICS	43.002		GLOBAL TECHNOLOGY CONNECTION, INC.
AERONAUTICS	43.002		HS ADVANCED CONCEPTS
AERONAUTICS	43.002		IRVINE SENSORS CORPORATION
AERONAUTICS	43.002		IRVINE SENSORS CORPORATION
AERONAUTICS	43.002		JACOBS TECHNOLOGY, INC.
AERONAUTICS	43.002		JACOBS TECHNOLOGY, INC.
AERONAUTICS	43.002		JACOBS TECHNOLOGY, INC.
AERONAUTICS	43.002		JACOBS TECHNOLOGY, INC.
AERONAUTICS	43.002		JET PROPULSION LABORATORY
AERONAUTICS	43.002		MAGNOLIA OPTICAL TECHNOLOGIES, INC.
AERONAUTICS	43.002		MILLENNIUM ENGINEERING AND INTEGRATION COMPANY
AERONAUTICS	43.002		NATIONAL AEROSPACE SOLUTIONS
AERONAUTICS	43.002		NAVMAR APPLIED SCIENCES CORPORATION

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1639764		\$10,990	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1640630		\$21,855	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1641334		\$36,290	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1642652		\$27,322	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1650969		\$4,358	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5710004050		\$187,695	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2016264601		\$1,139	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25488		\$24,046	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1003545		\$25,191	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5953-GTRC-NASA-B50G		\$1,863	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005498		\$134,216	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
699054X/15.12029		\$168,991	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005818		\$6,812	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011669		\$90,415	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601050		\$258,945	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601063		\$87,670	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601065		\$119,618	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-043		\$54,616	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NASAGA2		-\$1,340	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2090-S-RB151		\$14,966	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S-000728		\$311,833	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
KK1832		\$65,882	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
426689-19105		\$44,425	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C16N12519 (CON80001051)		\$21,626	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,270,769	\$8,682,295	\$11,094,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$21,552	\$5,307,787	N/A	\$0
BAART 2019-001		\$66,294	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE-3- 20750		\$83,694	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S900016BAH		\$552,483	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TASK ORDER 023		\$178,167	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
TO 1 DTD 11/18/15		\$44,611	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SIGNED 30 AUG 2019		\$23,000	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HSAC-001-CON-ASDL		\$3,538	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
80NSSC18C0087		\$66,995	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD OCT 5, 2017		\$1	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
19N0544		\$78,216	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
19N0850		\$20,752	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
80MSFC18C0011		\$28,335	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO #18N0758		\$84,569	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1648767		\$18,837	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
80NSSC18C0093		\$46,883	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-0123		\$771,265	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
408427		\$62,398	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
WM007916		\$12,918	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
AERONAUTICS	43.002		NORTHERN ARIZONA UNIVERSITY
AERONAUTICS	43.002		OHIO STATE UNIVERSITY
AERONAUTICS	43.002		PHYSICAL SCIENCES, INC.
AERONAUTICS	43.002		SANDIA NATIONAL LABORATORIES
AERONAUTICS	43.002		SETI INSTITUTE
AERONAUTICS	43.002		SPACE DYNAMICS LABORATORY
			THE CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE, INC.
AERONAUTICS	43.002		THE JOHNS HOPKINS UNIVERSITY
AERONAUTICS	43.002		APPLIED PHYSICS LABORATORY, LLC
			THE NATIONAL INSTITUTE OF AEROSPACE
AERONAUTICS	43.002		THE NATIONAL INSTITUTE OF AEROSPACE
AERONAUTICS	43.002		THE NATIONAL INSTITUTE OF AEROSPACE
AERONAUTICS	43.002		AEROSPACE
AERONAUTICS	43.002		TRACLABS, INC.
AERONAUTICS	43.002		UNIVERSITY OF MINNESOTA
AERONAUTICS	43.002		UNIVERSITY OF TEXAS AT AUSTIN
AERONAUTICS	43.002		UNIVERSITY OF VIRGINIA
AERONAUTICS	43.002		XAVIER UNIVERSITY OF LOUISIANA
AERONAUTICS	43.002		
EXPLORATION	43.003		
			KENNESAW STATE UNIVERSITY
			RESEARCH AND SERVICE FOUNDATION
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		
			GEORGIA SOUTHERN UNIVERSITY
			RESEARCH AND SERVICE FOUNDATION, INC.
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		PRAIRIE VIEW A&M UNIVERSITY
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008		THE NATIONAL INSTITUTE OF AEROSPACE
CROSS AGENCY SUPPORT	43.009		
SPACE TECHNOLOGY	43.012		
			MICHIGAN TECHNOLOGICAL UNIVERSITY
SPACE TECHNOLOGY	43.012		UNIVERSITY OF CALIFORNIA, DAVIS
SPACE TECHNOLOGY	43.012		
			KENNESAW STATE UNIVERSITY
			RESEARCH AND SERVICE FOUNDATION
APERIODIC LATTICE DESIGN	43.RD	80NSSC20C0021	
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION			
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES			
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		ARTS MIDWEST
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		SOUTH ARTS, INC.

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1003967-01		\$9,820	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60061601		\$287,593	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10-02490-1943		\$12,187	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2005349		\$36,104	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SC3131		\$31,320	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CP0055174		\$145,902	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GA-2019-001		\$20,693	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
MSA # 115841		\$50,619	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601036		\$410,358	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601047		\$52,015	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
601052		\$225,334	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGT DTD AUG 25, 2017		\$64,235	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
H006201401		\$10,773	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#133480		\$45,273	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GD10052 152367		\$89,518	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
OSP-15-216811-02A		\$138,671	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$185,019	\$1,512,864	\$5,307,787	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$296,942	\$828,407	\$828,407	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NNX15AP85H		\$18,125	\$1,353,055	N/A	\$0
		\$90,211	\$1,353,055	N/A	\$0
63828383-17		\$17,035	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M2000595/S200508		\$35,384	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
201078-GTRC		\$128,507	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
201093-GTRC		\$39,081	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
201155-GTRC		\$13,799	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
301001-GTRC		\$286,619	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T13-6500-GT		\$15,250	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$227,269	\$709,044	\$1,353,055	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$53,488	\$53,488	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$163,660	\$2,185,025	N/A	\$0
160706024		\$252,868	\$2,185,025	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A19-2477-S002		\$288,084	\$2,185,025	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$35,371	\$1,480,413	\$2,185,025	RESEARCH AND DEVELOPMENT	\$1,146,369,265
80NSSC20C0021		\$9,925	\$9,925	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$3,015,370	\$20,832,382			
DCA 2017-17		\$676	\$5,673	N/A	\$0
LITERARY ARTS TOURING GRANT		\$1,997	\$5,673	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024		
<i>PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS</i>	45.025		SOUTH ARTS, INC.
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025		
<i>PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP</i>	45.129		UNIVERSITY OF NORTH GEORGIA RESEARCH FOUNDATION
PROMOTION OF THE HUMANITIES CHALLENGE GRANTS	45.130		
PROMOTION OF THE HUMANITIES CHALLENGE GRANTS	45.130		
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	45.149		
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	45.149		
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.160		
PROMOTION OF THE HUMANITIES RESEARCH	45.161		
PROMOTION OF THE HUMANITIES RESEARCH	45.161		
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162		
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163		
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163		
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169		
<i>PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES</i>	45.169		LOUISIANA STATE UNIVERSITY
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169		
<i>MUSEUMS FOR AMERICA</i>	45.301		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
MUSEUMS FOR AMERICA	45.301		
GRANTS TO STATES	45.310		
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313		
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES			
NATIONAL SCIENCE FOUNDATION			
ENGINEERING	47.041		
<i>ENGINEERING</i>	47.041		ARIZONA STATE UNIVERSITY
<i>ENGINEERING</i>	47.041		ARIZONA STATE UNIVERSITY
<i>ENGINEERING</i>	47.041		BOSTON COLLEGE
<i>ENGINEERING</i>	47.041		COLORADO STATE UNIVERSITY
<i>ENGINEERING</i>	47.041		COLUMBIA UNIVERSITY
<i>ENGINEERING</i>	47.041		GEORGE WASHINGTON UNIVERSITY
<i>ENGINEERING</i>	47.041		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>ENGINEERING</i>	47.041		HARVARD UNIVERSITY
<i>ENGINEERING</i>	47.041		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>ENGINEERING</i>	47.041		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>ENGINEERING</i>	47.041		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>ENGINEERING</i>	47.041		KEPLEY BIOSYSTEMS, INC.
<i>ENGINEERING</i>	47.041		LEHIGH UNIVERSITY
<i>ENGINEERING</i>	47.041		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<i>ENGINEERING</i>	47.041		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<i>ENGINEERING</i>	47.041		MOREHOUSE SCHOOL OF MEDICINE

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$3,000	\$5,673	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5672		\$2,960	\$676,016	N/A	\$0
	\$664,056	\$673,056	\$676,016	N/A	\$0
75121RF		\$2,000	\$2,000	N/A	\$0
		\$27,137	\$73,773	N/A	\$0
	\$12,000	\$46,636	\$73,773	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$5,785	\$74,573	N/A	\$0
		\$68,788	\$74,573	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$25,536	\$25,536	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,792	\$10,371	N/A	\$0
		\$1,579	\$10,371	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,473	\$8,473	N/A	\$0
		\$118,570	\$119,825	N/A	\$0
		\$1,255	\$119,825	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$12,703	\$18,232	\$102,379	N/A	\$0
P0000043115		\$8,684	\$102,379	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$75,463	\$102,379	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-18		\$7,309	\$10,054	N/A	\$0
		\$2,745	\$10,054	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$4,545,776	\$4,545,776	N/A	\$0
	\$84,565	\$167,959	\$167,959	N/A	\$0
	<u>\$773,324</u>	<u>\$5,822,408</u>			
		\$115,596	\$31,737,447	N/A	\$0
15-741		\$569,007	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17-098		\$126,370	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010790		\$27,113	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G0097314		\$19,417	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1(GG13910)		\$256,682	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18-S10		\$71,452	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-19		\$271,933	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
124050-5104116		\$79,557	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1705924		\$43,858	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1741693		\$44,362	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB00001797		\$22,142	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1		\$61,123	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007045		\$24,016	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5710003968		\$1,078,421	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5710003973		\$118,692	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO# P0044575		\$1,701	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>PHI OPTICS, INC.</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>PRINCETON UNIVERSITY</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>TEACHERS COLLEGE, COLUMBIA UNIVERSITY</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>TEXAS A&M UNIVERSITY</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>THE JOHNS HOPKINS UNIVERSITY</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>APPLIED PHYSICS LABORATORY, LLC</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF CALIFORNIA</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF CALIFORNIA</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF CALIFORNIA, RIVERSIDE</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF CENTRAL FLORIDA</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MASSACHUSETTS</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF MINNESOTA</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF NEBRASKA-LINCOLN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF NEBRASKA-LINCOLN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF TEXAS AT AUSTIN</i>
<i>ENGINEERING</i>	<i>47.041</i>		<i>UNIVERSITY OF WASHINGTON</i>
<i>ENGINEERING</i>	<i>47.041</i>		
<i>COVID-19-ENGINEERING</i>	<i>47.041</i>	<i>COVID-19</i>	
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>ASSOCIATION OF UNIVERSITY CENTERS ON DISABILITIES</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>EMORY UNIVERSITY</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
2017-2662-01		\$66,614	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RPHOIRC287427CV		\$0	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB0000385		\$274,994	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
513147		\$31,960	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1900051		\$1,981	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2004147329		\$10,202	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9367		\$17,121	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012695		\$14,540	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S000677		-\$1,300	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
16406249-02		\$53,367	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#083276-16801		\$71,529	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#083276-16803		\$26,754	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
083276-16293/GRANT CODE					
AC291		\$637	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT1		\$26,467	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT2		\$68,439	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT3		\$29,728	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT4		\$11,274	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT5		\$3,227	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S58000041772GT6		\$8,268	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A005261901		\$53,530	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25-0521-0210-003		\$119,193	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25-6221-0388-002		\$8,209	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UTA15-001072		\$64,032	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UWSC10741 BPO NO. 34658		\$131,735	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$4,595,373	\$27,668,281	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$45,223	\$31,737,447	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1560329		\$32,615	\$18,911,933	N/A	\$0
1800332		\$52,055	\$18,911,933	N/A	\$0
1806519		\$31,647	\$18,911,933	N/A	\$0
1820795		\$37,492	\$18,911,933	N/A	\$0
1820818		\$34,652	\$18,911,933	N/A	\$0
CON011895		\$7,899	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A213115		\$310,400	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-20		\$156,280	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1464281		\$18,041	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1519606		\$0	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1709263		\$69,861	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		NATIONAL COMMISSION ON TEACHING & AMERICAS FUTURE (NCTAF)
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		SMITHSONIAN INSTITUTION
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		UNIVERSITY OF WISCONSIN - MADISON
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		UNIVERSITY OF WISCONSIN - MADISON
<i>MATHEMATICAL AND PHYSICAL SCIENCES</i>	<i>47.049</i>		BIGELOW LABORATORY FOR OCEAN SCIENCES
<i>GEOSCIENCES</i>	<i>47.050</i>		COLUMBIA UNIVERSITY
<i>GEOSCIENCES</i>	<i>47.050</i>		DUKE UNIVERSITY
<i>GEOSCIENCES</i>	<i>47.050</i>		DUKE UNIVERSITY
<i>GEOSCIENCES</i>	<i>47.050</i>		FLORIDA INSTITUTE OF TECHNOLOGY
<i>GEOSCIENCES</i>	<i>47.050</i>		FLORIDA STATE UNIVERSITY
<i>GEOSCIENCES</i>	<i>47.050</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>GEOSCIENCES</i>	<i>47.050</i>		NEW YORK UNIVERSITY
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF CALIFORNIA, SAN DIEGO
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF CENTRAL FLORIDA
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF NEW HAMPSHIRE
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF NEW HAMPSHIRE
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF NORTH CAROLINA WILMINGTON
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF WISCONSIN - MADISON
<i>GEOSCIENCES</i>	<i>47.050</i>		UNIVERSITY OF WISCONSIN - MADISON
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		2M RESEARCH SERVICES, LLC
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		ATMOSPHERIC TECHNOLOGY SERVICES COMPANY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		BARNARD COLLEGE
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		COMPUTING RESEARCH ASSOCIATION
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		CORNELL UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		EMORY UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		FLORIDA INTERNATIONAL UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		FLORIDA INTERNATIONAL UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1830489		\$4,112	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1903462		\$16,718	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CHE-1855583		\$28,715	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RG173-G3		\$56,084	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012161		\$26,594	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SV9-89019		\$23,917	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
293		\$112,193	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
632K273		\$52,024	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,485,859	\$17,840,634	\$18,911,933	RESEARCH AND DEVELOPMENT	\$1,146,369,265
BLOS 19-004		\$25,278	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
101(GG009393)		\$23,154	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#14-NSF-1074		\$120,450	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
14NSF1076		\$129,518	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
201984		\$13,633	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R02162		\$54,698	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-21		\$19,870	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F0691-01		\$75,564	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
83829300		\$30,692	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007253		\$533	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#14-059		\$30,360	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
14062		\$7,848	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5779101806		\$12,303	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
91270817		\$0	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
186		\$49,160	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$479,284	\$6,413,090	\$7,006,151	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-NSF-10020		\$15,735	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
238-01		\$143,986	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GT-1828168		\$129,523	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CCC-GT-07012016		-\$35,296	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
72954-10595		\$50,534	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T674956		\$14,060	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
800004907-02		\$108,531	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007801		\$23,665	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1718377		\$61,782	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
IIS-1850438		\$39,785	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		OHIO STATE UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		REGENTS OF THE UNIVERSITY OF CALIFORNIA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		ROANE STATE COMMUNITY COLLEGE
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		THE CONCORD CONSORTIUM
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ALABAMA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ARIZONA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF CALIFORNIA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF CALIFORNIA, DAVIS
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF CONNECTICUT
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF MICHIGAN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF MINNESOTA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF NORTH CAROLINA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF NOTRE DAME
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF PENNSYLVANIA
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF TEXAS AT AUSTIN
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF WASHINGTON
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		UNIVERSITY OF WISCONSIN-MILWAUKEE
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		VANDERBILT UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		WI-SENSE, LLC
<i>COMPUTER AND INFORMATION SCIENCE AND ENGINEERING</i>	<i>47.070</i>		
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		ARIZONA STATE UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		CARY INSTITUTE OF ECOSYSTEM STUDIES
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		CHAPMAN UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		COLD SPRING HARBOR LABORATORY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		COLORADO STATE UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		CORNELL UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		DUKE UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		EMORY UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		GEORGE WASHINGTON UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		PENNSYLVANIA STATE UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		PRINCETON UNIVERSITY
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		UNIVERSITY OF ARIZONA
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		UNIVERSITY OF ARKANSAS
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		UNIVERSITY OF CALIFORNIA, DAVIS
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		UNIVERSITY OF CONNECTICUT

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
5710004130		\$26,874	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 60076057		\$27,331	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
KK1715		\$27,758	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
143837		\$26,088	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
318.19.01		\$18,695	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A19-0027-S001		\$44,829	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3034120		\$28,987	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
KK1926		\$102,812	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A18-0727-S001		\$12,600	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
177479		\$116,521	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
# 083276-17230		\$65,707	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#083276-17228		\$90,509	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#083276-17340		\$64,547	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
075958-16451		\$5,407	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
083842-16099		\$274,463	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00009143		\$85,553	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A0051247012		\$1,140	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5115818		\$29,658	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
202917GT		\$208,809	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007710		\$32,394	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UTA17-001353		\$16,047	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UWSC9939		\$123,653	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
183405342/144AAC6327		\$71,607	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UNIV61111		\$24,208	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
480073-19034		\$64,654	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
140559		\$14,418	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$306,694	\$22,462,882	\$24,620,456	RESEARCH AND DEVELOPMENT	\$1,146,369,265
180046		\$11,127	\$17,015,642	N/A	\$0
CON010575		\$13,033	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3354200201912		\$97,397	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SPEC SERV AGMT DTD 25- NOV-2019		\$11,000	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
52580115 P0920		\$125,679	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G906402		-\$7,163	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T.O. 1		\$67,703	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
333-2410		\$59,542	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T806105		\$40,740	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18M84		\$29,717	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-22		\$117,319	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1714778		\$53,129	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4190UGNSF2742		\$1,202	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB0000263		\$21,095	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
531847		\$27,482	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UA2020114		\$5,946	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A170032S001A01		\$24,859	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
09/01 UTA17-000642		\$128,426	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF KENTUCKY</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF MINNESOTA</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF NORTH CAROLINA</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF PUERTO RICO, RÍO PIEDRAS</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF PUERTO RICO, RÍO PIEDRAS</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF TENNESSEE</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		<i>UNIVERSITY OF WASHINGTON</i>
<i>BIOLOGICAL SCIENCES</i>	<i>47.074</i>		
<i>COVID-19-BIOLOGICAL SCIENCES</i>	<i>47.074</i>	<i>COVID-19</i>	
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>ARIZONA STATE UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>DARTMOUTH COLLEGE</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>EMORY UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>EMORY UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>FLORIDA ATLANTIC UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>GEORGETOWN UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>GEORGIA SOUTHERN UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>NEW JERSEY INSTITUTE OF TECHNOLOGY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>SEARCH TECHNOLOGIES</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>THE CITY COLLEGE OF NEW YORK</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>UNIVERSITY OF CALIFORNIA</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>UNIVERSITY OF CALIFORNIA, DAVIS</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>UNIVERSITY OF MICHIGAN</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>UNIVERSITY OF NORTH CAROLINA</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		<i>WAKE FOREST UNIVERSITY</i>
<i>SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>		
<i>COVID-19-SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES</i>	<i>47.075</i>	<i>COVID-19</i>	
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>CLARK ATLANTA UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>FLORIDA A&M UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>KENNESAW STATE UNIVERSITY</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		<i>RESEARCH AND SERVICE FOUNDATION</i>

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
320000196219011		\$43,538	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
H006789902		\$40,552	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
510248		\$53,921	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2016008		\$15,128	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-002		\$35,862	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A1601725004		\$13,021	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
11361		\$28,785	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$3,101,125	\$15,915,908	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$40,694	\$17,015,642	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$16,251	\$2,614,146	N/A	\$0
CON010101		\$254,332	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012874		\$16,038	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#A108033		\$34,687	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T610300		\$65,810	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013476		\$10,903	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD7773294-GR305723		\$1,611	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-23		\$11,377	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1853191		\$4,901	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
997121		\$5,963	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
STI-GTRC-18-1		\$54,806	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007214		\$10,838	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWD001498		\$14,809	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0350GXA572		\$2,717	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007633		\$168,945	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00010837		\$39,606	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019005801UGA		\$6,727	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17023		\$2,749	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$291,219	\$1,821,813	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$69,263	\$2,614,146	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005018		\$12,124	\$21,477,317	N/A	\$0
C4438		\$11,100	\$21,477,317	N/A	\$0
1619689		\$173,550	\$21,477,317	N/A	\$0
1725940		\$9,353	\$21,477,317	N/A	\$0
180114		\$27,368	\$21,477,317	N/A	\$0
77903-119096-3		\$5,673	\$21,477,317	N/A	\$0
A19-0417-S001		\$15,499	\$21,477,317	N/A	\$0
DGE-1438858		\$31,921	\$21,477,317	N/A	\$0
DUE-1259954		\$110,832	\$21,477,317	N/A	\$0
DUE-1340019		\$81,217	\$21,477,317	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		AMERICAN CHEMICAL SOCIETY AMERICAN EDUCATIONAL RESEARCH ASSOCIATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		ARIZONA STATE UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARK ATLANTA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARK ATLANTA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARK ATLANTA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARK ATLANTA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARK ATLANTA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		CLARKSON UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		FLORIDA STATE UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		INDIANA UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		MICHIGAN STATE UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		NORTHWESTERN UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		NORTHWESTERN UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		SPELMAN COLLEGE
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		STATE OF MINNESOTA
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		TEMPLE UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		TUFTS UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF COLORADO
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF COLORADO
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF ILLINOIS
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF ILLINOIS AT URBANA- CHAMPAIGN
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF MARYLAND
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF NEBRASKA
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		UNIVERSITY OF UTAH
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		WESTERN MICHIGAN UNIVERSITY
<i>EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>		
<i>COVID-19-EDUCATION AND HUMAN RESOURCES</i>	<i>47.076</i>	<i>COVID-19</i>	
<i>POLAR PROGRAMS</i>	<i>47.078</i>		
<i>OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING</i>	<i>47.079</i>		
<i>INTEGRATIVE ACTIVITIES</i>	<i>47.083</i>		ARIZONA STATE UNIVERSITY
<i>INTEGRATIVE ACTIVITIES</i>	<i>47.083</i>		UNIVERSITY OF KENTUCKY
<i>INTEGRATIVE ACTIVITIES</i>	<i>47.083</i>		
<i>DETERMINING THE STRUCTURE OF BIOLOGICAL MEMBRANES</i>	<i>47.RD</i>	<i>1903965</i>	

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
DUE-1340020		\$164,457	\$21,477,317	N/A	\$0
DUE1660736		\$3,628	\$21,477,317	N/A	\$0
		\$522,724	\$21,477,317	N/A	\$0
AGMT DTD 5/28/19		\$84,030	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RAERA0001122501		\$25,098	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17-231		\$51,340	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011978		\$8,823	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HRD-135041		\$18,059	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HRD-1826797		\$19,967	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RSP-09-13-215045-008		\$12,781	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RSP-2018-033-215051-008		\$27,888	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1001981		\$4,036	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009029		\$77,015	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-24		\$515,962	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
BL4842404UGA		\$80,504	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1503358		\$19	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1711425		\$25,986	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1723586		\$12,613	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DUE-1356615		\$82,950	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DUE-1930427		\$4,670	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC103095UG		\$114,246	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RNWUX0000977001		\$26,678	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SPO049508-PROJ0013883		\$1,420	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011859		\$99,998	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P0032617		\$23,963	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1721041		\$11,183	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10221400001SF0001		\$9,569	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1554503		\$180,976	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1556410		\$35,025	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
087787-16516		\$27,965	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
097202-17661		\$5,353	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
87946-23550203		\$23,856	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008822		\$25,820	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
109196415		\$79,290	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10051874UG		\$38,512	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON006494		\$32,835	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$908,095	\$18,424,697	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$94,744	\$21,477,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$13,462	\$13,462	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$31,237	\$31,237	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012160		\$10,657	\$744,306	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3200000271-16-075		\$39,486	\$744,306	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$218,349	\$694,163	\$744,306	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$80,998	\$80,998	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
TOTAL NATIONAL SCIENCE FOUNDATION			
SMALL BUSINESS ADMINISTRATION			
<i>SMALL BUSINESS DEVELOPMENT CENTERS</i>	59.037		<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
SMALL BUSINESS DEVELOPMENT CENTERS	59.037		
SMALL BUSINESS DEVELOPMENT CENTERS	59.037		
COVID-19-SMALL BUSINESS DEVELOPMENT CENTERS	59.037	COVID-19	
VETERANS OUTREACH PROGRAM	59.044		
TOTAL SMALL BUSINESS ADMINISTRATION			
DEPARTMENT OF VETERANS AFFAIRS			
VETERANS STATE NURSING HOME CARE	64.015		
POST-9/11 VETERANS EDUCATIONAL ASSISTANCE	64.028		
<i>RESEARCH AND DEVELOPMENT</i>	64.054		<i>LIBERTY IT SOLUTIONS, LLC</i>
RESEARCH AND DEVELOPMENT	64.054		
BURIAL EXPENSES ALLOWANCE FOR VETERANS	64.101		
POST-VIETNAM ERA VETERANS' EDUCATIONAL ASSISTANCE	64.120		
VETERANS CEMETERY GRANTS PROGRAM	64.203		
VA IPA NARAYANAN CALDWELL	64.RD	SUSDV0001050501	
IPA AGREEMENT - ATLANTA VA	64.RD	SUSDV0001102501	
RESEARCH CONTRACT FOR AU RESEARCH SUPPORT PERSONNEL	64.U16	PO 509-D87108	
RESEARCH CONTRACT FOR AU RESEARCH SUPPORT PERSONNEL	64.U17	PO 504-D97105	
		TASK ORDER #	
CONTRACTED RESEARCH SERVICES WITH AUGUSTA UNIVERSITY	64.U18	36C24E18R0126	
		TASK ORDER	
CONTRACTED RESEARCH SERVICES WITH AUGUSTA UNIVERSITY	64.U19	36C24E19N0119	
		TASK ORDER	
CONTRACTED RESEARCH SERVICES WITH AUGUSTA UNIVERSITY	64.U20	36C24E18N0028	
EMERGENCY DEPARTMENT PHYSICIAN SERVICES	64.U21	CONTRACT VA247-17-C-0132	
CORE LAB AND SERVICES CONTRACT	64.U22	CONTRACT 36C24E20N0025	
CORE LAB AND SERVICES CONTRACT	64.U23	CONTRACT 36C24E19D0005	
CORE LAB AND SERVICES CONTRACT	64.U24	CONTRACT 36C24E20N0026	
TOTAL DEPARTMENT OF VETERANS AFFAIRS			
ENVIRONMENTAL PROTECTION AGENCY			
STATE INDOOR RADON GRANTS	66.032		
SURVEYS, STUDIES, RESEARCH, INVESTIGATIONS, DEMONSTRATIONS, AND SPECIAL PURPOSE ACTIVITIES RELATING TO THE CLEAN AIR ACT	66.034		
NATIONAL CLEAN DIESEL EMISSIONS REDUCTION PROGRAM	66.039		
STATE CLEAN DIESEL GRANT PROGRAM	66.040		
MULTIPURPOSE GRANTS TO STATES AND TRIBES	66.204		
WATER POLLUTION CONTROL STATE, INTERSTATE, AND TRIBAL PROGRAM SUPPORT	66.419		
STATE UNDERGROUND WATER SOURCE PROTECTION	66.433		
WATER QUALITY MANAGEMENT PLANNING	66.454		
CAPITALIZATION GRANTS FOR CLEAN WATER STATE REVOLVING FUNDS	66.458		
NONPOINT SOURCE IMPLEMENTATION GRANTS	66.460		
<i>NONPOINT SOURCE IMPLEMENTATION GRANTS</i>	66.460		<i>CAMDEN COUNTY RIVER VALLEY REGIONAL COMMISSION</i>
<i>NONPOINT SOURCE IMPLEMENTATION GRANTS</i>	66.460		
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461		
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461		
CAPITALIZATION GRANTS FOR DRINKING WATER STATE REVOLVING FUNDS	66.468		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$11,385,998	\$124,253,095			
63828383-25		\$161,092	\$5,745,556	N/A	\$0
		\$350,248	\$5,745,556	N/A	\$0
	\$40,499	\$3,955,123	\$5,745,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,279,093	\$5,745,556	N/A	\$0
		\$334,899	\$334,899	N/A	\$0
	\$40,499	\$6,080,455			
	\$14,056,948	\$22,199,733	\$22,199,733	N/A	\$0
		\$2,556,758	\$2,556,758	N/A	\$0
17-GTRC-0001		\$21,605	\$154,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$133,157	\$154,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$327,896	\$327,896	N/A	\$0
		\$753,926	\$753,926	N/A	\$0
		\$928,691	\$928,691	N/A	\$0
		\$7,197	\$18,582	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$11,385	\$18,582	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$12,883	\$12,883	N/A	\$0
		\$8,987	\$8,987	N/A	\$0
		\$18,006	\$18,006	N/A	\$0
		\$810,995	\$810,995	N/A	\$0
		\$230,134	\$230,134	N/A	\$0
		\$2,290,432	\$2,290,432	N/A	\$0
		\$9,849	\$9,849	N/A	\$0
		\$74,515	\$74,515	N/A	\$0
		\$37,769	\$37,769	N/A	\$0
	\$14,056,948	\$30,433,918			
		\$157,581	\$157,581	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$651,346	\$651,346	N/A	\$0
		\$949,723	\$949,723	N/A	\$0
		\$413,673	\$413,673	N/A	\$0
		\$7,535	\$7,535	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$127,490	\$127,490	N/A	\$0
		\$126,819	\$126,819	N/A	\$0
		\$247,551	\$247,551	N/A	\$0
	\$26,865,000	\$26,865,000	\$26,865,000	CLEAN WATER STATE REVOLVING FUND CLUSTER	\$26,865,000
	\$12,976	\$3,582,486	\$3,603,510	N/A	\$0
SCCAM0000935501	\$25	\$25	\$3,603,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
751-170056	\$20,999	\$20,999	\$3,603,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$281,793	\$312,250	N/A	\$0
		\$30,457	\$312,250	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$24,275,762	\$25,313,002	\$25,313,002	DRINKING WATER STATE REVOLVING FUND CLUSTER	\$25,313,002

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
BEACH MONITORING AND NOTIFICATION PROGRAM IMPLEMENTATION GRANTS	66.472		
<i>SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM</i>	66.509		NORTHEASTERN UNIVERSITY STOCKHOLM ENVIRONMENT INSTITUTE
<i>SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM</i>	66.509		
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509		
<i>OFFICE OF RESEARCH AND DEVELOPMENT CONSOLIDATED RESEARCH/TRAINING/FELLOWSHIPS</i>	66.511		WATER ENVIRONMENT RESEARCH FOUNDATION
SCIENCE TO ACHIEVE RESULTS (STAR) FELLOWSHIP PROGRAM	66.514		
<i>P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY</i>	66.516		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY</i>	66.516		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
PERFORMANCE PARTNERSHIP GRANTS	66.605		
ENVIRONMENTAL INFORMATION EXCHANGE NETWORK GRANT PROGRAM AND RELATED ASSISTANCE	66.608		
TOXIC SUBSTANCES COMPLIANCE MONITORING COOPERATIVE AGREEMENTS	66.701		
TSCA TITLE IV STATE LEAD GRANTS CERTIFICATION OF LEAD-BASED PAINT PROFESSIONALS	66.707		
POLLUTION PREVENTION GRANTS PROGRAM	66.708		
<i>RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, OUTREACH, TRAINING, DEMONSTRATIONS, AND STUDIES</i>	66.716		EXTENSION
<i>RESEARCH, DEVELOPMENT, MONITORING, PUBLIC EDUCATION, OUTREACH, TRAINING, DEMONSTRATIONS, AND STUDIES</i>	66.716		EXTENSION
SUPERFUND STATE, POLITICAL SUBDIVISION, AND INDIAN TRIBE SITE-SPECIFIC COOPERATIVE AGREEMENTS	66.802		
UNDERGROUND STORAGE TANK (UST) PREVENTION, DETECTION, AND COMPLIANCE PROGRAM	66.804		
LEAKING UNDERGROUND STORAGE TANK TRUST FUND CORRECTIVE ACTION PROGRAM	66.805		
SUPERFUND STATE AND INDIAN TRIBE CORE PROGRAM COOPERATIVE AGREEMENTS	66.809		
STATE AND TRIBAL RESPONSE PROGRAM GRANTS	66.817		
ENVIRONMENTAL EDUCATION GRANTS	66.951		
<i>BIOTA IMPROVEMENT IN AN URBAN STREAM THROUGH AQUATIC HABITAT RESTORATION</i>	66.RD	SECTION 319(H) FEDERAL WATER POLLUTION CONTROL ACT	CITY OF AUGUSTA
TOTAL ENVIRONMENTAL PROTECTION AGENCY			
NUCLEAR REGULATORY COMMISSION			
U.S. NUCLEAR REGULATORY COMMISSION MINORITY SERVING INSTITUTIONS PROGRAM (MSIP)	77.007		
U.S. NUCLEAR REGULATORY COMMISSION SCHOLARSHIP AND FELLOWSHIP PROGRAM	77.008		
<i>U.S. NUCLEAR REGULATORY COMMISSION OFFICE OF RESEARCH FINANCIAL ASSISTANCE PROGRAM</i>	77.009		UNIVERSITY OF FLORIDA
TOTAL NUCLEAR REGULATORY COMMISSION			
DEPARTMENT OF ENERGY			
<i>STATE ENERGY PROGRAM</i>	81.041		SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
STATE ENERGY PROGRAM	81.041		
STATE ENERGY PROGRAM	81.041		
WEATHERIZATION ASSISTANCE FOR LOW-INCOME PERSONS	81.042		
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	81.049		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	81.049		SANDIA NATIONAL LABORATORIES

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$209,429	\$209,429	N/A	\$0
50510978050		\$81,985	\$149,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RSHEIRR272663CV		\$487	\$149,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$49,879	\$66,971	\$149,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LCASW6SG16		-\$127	-\$127	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,027	\$3,027	RESEARCH AND DEVELOPMENT	\$1,146,369,265
83929001		\$3,934	\$10,551	N/A	\$0
83935301		\$6,617	\$10,551	N/A	\$0
		\$11,015,209	\$11,015,209	N/A	\$0
		\$175,000	\$175,000	N/A	\$0
		\$134,141	\$134,141	N/A	\$0
		\$587,513	\$587,513	N/A	\$0
		\$10,497	\$10,497	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SA-2019-43		\$18,709	\$37,632	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SEXTF0001134401		\$18,923	\$37,632	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$262,079	\$262,079	N/A	\$0
		\$886,867	\$886,867	N/A	\$0
		\$1,639,132	\$1,639,132	N/A	\$0
		\$83,108	\$83,108	N/A	\$0
		\$684,844	\$684,844	N/A	\$0
		\$38,670	\$38,670	N/A	\$0
SECTION 319(H) FEDERAL WATER POLLUTION CONTROL ACT					
		\$5,070	\$5,070	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	<u>\$51,224,641</u>	<u>\$74,707,565</u>			
		\$42,486	\$42,486	N/A	\$0
		\$179,315	\$179,315	N/A	\$0
UFDSP00012059		\$59,109	\$59,109	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		<u>\$280,910</u>			
260240191		\$31,881	\$1,156,791	N/A	\$0
		\$24,145	\$1,156,791	N/A	\$0
	\$663,537	\$1,100,765	\$1,156,791	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,623,749	\$3,177,988	\$3,177,988	N/A	\$0
1443860		\$3,227	\$24,432,194	N/A	\$0
AWARD_CONTRACT_LINE-3- 34338		\$9,100	\$24,432,194	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		AMTECH SYSTEMS, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		ARGONNE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		ARGONNE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		ARGONNE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		ARGONNE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		AVAPCO, LLC
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		BROOKHAVEN NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		BROWN UNIVERSITY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CALABAZAS CREEK RESEARCH, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CALIFORNIA INSTITUTE OF TECHNOLOGY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CALIFORNIA INSTITUTE OF TECHNOLOGY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CONSOLIDATED NUCLEAR SECURITY, LLC
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CONSOLIDATED NUCLEAR SECURITY, LLC
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CONTINUUM DYNAMICS, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		CONTINUUM DYNAMICS, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		DARTMOUTH COLLEGE
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		FERMI RESEARCH ALLIANCE, LLC (FERMILAB)
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		FLORIDA STATE UNIVERSITY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		FLUOR MARINE PROPULSION, LLC
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HALLIBURTON
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		HONEYWELL INTERNATIONAL, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		IDAHO NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		IDAHO NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		IDAHO NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		IDAHO NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		KRELL INSTITUTE
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		KRELL INSTITUTE
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		KRELL INSTITUTE
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		KRELL INSTITUTE
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE BERKELEY NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE BERKELEY NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE BERKELEY NATIONAL LABORATORY

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
SANDIA-02		\$0	\$24,432,194	N/A	\$0
		\$139,118	\$24,432,194	N/A	\$0
2		\$134	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGREEMENT DATED MARCH 1, 2019		\$119,253	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0F-60145		\$9,474	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8F-30135		\$206,363	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9F-60044		\$101,005	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AVTC12		\$67,119	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1549-00-005		\$1,790	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
343172		\$98,498	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1289		\$52,852	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
67292		\$47,787	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S390607		\$130,618	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S451338		\$38,609	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4300158496		\$67,429	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4300161789		\$27,126	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 20-065		\$3,849	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
STTR: AGRMT DTD 01 APR 2015		\$4,382	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R1310		\$540	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
655410		\$104,439	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R01436		\$118,212	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
131210		\$387,246	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-26		\$10,073	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DE-FG02-01ER54656		\$206,679	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 08/07/18		\$28,408	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000250980		\$28,592	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000284887		\$11,933	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000293974		\$30,355	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000297946		\$28,181	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000300107		\$213,525	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000300454		\$20,924	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000314432		\$30,955	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000317552		\$376,663	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000338179		\$21,621	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000339711		\$93,472	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N000346564		\$19,430	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
179569		\$12,127	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
190986		\$74,025	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
207604		\$107,726	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
226040		\$49,482	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
68856-2-1147910		\$39,918	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GR10006105- KRELL		\$4,000	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
KRELL-01		\$1,385	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
KRELL-02		\$1,113	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RKIKTRR548047CV		\$39,170	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7284683		\$1,285	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7360408		\$381,644	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7375547		\$12,845	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LAWRENCE LIVERMORE NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LEADING EDGE CRYSTAL TECHNOLOGIES, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		LOS ALAMOS NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		MELE ASSOCIATES, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		NATIONAL RENEWABLE ENERGY LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		NATIONAL RENEWABLE ENERGY LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		NATIONAL RENEWABLE ENERGY LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		OAK RIDGE ASSOCIATED UNIVERSITIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		OAK RIDGE ASSOCIATED UNIVERSITIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		OSAZDA ENERGY, LLC
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PACIFIC NORTHWEST NATIONAL LABORATORY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PENNSYLVANIA STATE UNIVERSITY
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		PHOSPHORTECH CORPORATION
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		RESEARCH INTO ACTION, INC.
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES
<i>OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM</i>	<i>81.049</i>		SANDIA NATIONAL LABORATORIES

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
B617458		\$386	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B632619		\$56,224	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B632975		\$17,396	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B636911		\$108,320	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B639903		\$15,728	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B640369		\$68,589	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B640461		\$1,202	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGREEMENT DATED JUNE 1 2018		\$52,180	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
389971		\$55,550	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
421807		\$63,207	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
515443		\$50,834	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
524823		\$76,943	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
545066		\$232,198	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
547813		\$1,291,525	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
MELE AGMT 21SEPT2018		\$2,063	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
XEJ-9-82336-01		\$8,642	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
XEJ-9-92261-01		\$29,998	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
XGX-9-92320-01		\$23,702	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LTR DTD 5/21/18		\$0	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
LTR DTD 5/28/18		-\$1,316	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE-3- 16067		\$99,647	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
322234		\$181,780	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
432002		\$45,783	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
439121		\$74,254	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
449705		\$131,332	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
462860		\$57,425	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
521481		\$27,652	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S000014-EARPA		\$120,128	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
29461		\$324	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBCONTRACT, DATED 20 DEC 2018		\$1,225	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1441449		\$14,956	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1695955		\$58,166	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1744348		\$26,647	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1755523		\$32,314	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1764531		\$25,000	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1767660		-\$24	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1836843		\$23,438	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1838573		\$33,746	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1838714		\$6,686	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1840059		\$20,053	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1841736		\$33,349	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1862981		\$221,236	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1871005		\$46,203	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1897564		\$61,937	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1901033		\$109,626	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1902837		\$63,789	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1907283		\$74,328	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1920585		\$40,805	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1920644		\$16,133	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1930550		\$20,524	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1952411		\$258,318	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1954355		-\$1,107	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1955339		\$100,002	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1959383		\$0	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1960773		\$45,152	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1971768		\$74,581	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1973820		\$8,968	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1974284		\$57,947	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1975640		\$73,779	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1978929		\$70,022	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1980535		\$91,183	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1984599		\$68,185	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1991855		\$91,649	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1995330		\$53,179	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1995932		\$77,651	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1997022		\$165,909	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2001728		\$67,863	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2006806		\$56,665	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2013350		\$18,084	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2015247		\$127,441	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2032371		\$268,601	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2041627		\$55,302	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2044983		\$101,068	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2050511		\$40,000	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2051479		\$49,091	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2075873		\$37,786	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2078144		\$99,368	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2079964		\$42,301	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2080123		\$57,476	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2085524		\$45,490	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2085954		\$69,779	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2086636		\$26,842	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2088470		\$43,625	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2088556		\$23,883	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2094078		\$45,716	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2099053		\$16,768	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2099968		\$35,999	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2103933		\$60,331	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2104076		\$83,441	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2105775		\$36,210	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2110038		\$62,600	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2115504		\$65,617	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2118474		\$70,571	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2119210		\$80,579	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2120337		\$11,915	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2128259		\$40,442	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2132596		\$40,000	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2144114		\$50,437	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2151489		\$26,148	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2156722		\$15,090	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2157495		\$61,247	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
2167820		\$14,924	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGMT DTD 4/5/17		\$19,998	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CHECK NO. 1452393		\$32,919	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 2112650		\$74,024	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018-000030		\$110,432	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
265739		-\$122	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
342690		\$164,365	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GT00005		\$88,094	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
62668		\$1,104	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
68856-TASK 3, PROJ. 1119493		\$99,130	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1		\$25,767	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO# 109150		\$33,695	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1916-1689		\$90,888	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
37792		-\$40	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A003127003		\$98,047	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00001252 (415707-1)		\$25,799	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
562K284		\$44,047	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
775K563		\$76,350	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000084578		\$11,110	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000100062		\$7,049	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000125663		\$39,817	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000136270		-\$1,006	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000145143		\$95,035	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000150871		\$4,716	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000152786		\$203,943	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000154975		\$10,615	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000156592		\$27,842	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000158523		\$59,185	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000160017		\$0	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000160033		\$2,107	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000160093		\$32,021	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000160364		\$20,601	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000161062		\$289,348	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000161873		\$65,532	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000164602		\$0	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000164801		\$5,969	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000167438		\$44,668	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000167866		\$109,455	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000170418		\$59,511	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000170517		\$90,541	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000171856		\$253,762	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000173591		\$34,217	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000174400		\$79,154	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000175377		\$71,785	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000176370		\$27,336	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000177997		\$55,736	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#19067-S12		\$139,311	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
134124-G003969		\$125,209	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,359,454	\$10,793,476	\$24,432,194	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10010454		\$30,911	\$1,308,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265
L99080MIM		\$13,333	\$1,308,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00011715		\$18,048	\$1,308,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>CONSERVATION RESEARCH AND DEVELOPMENT</i>	<i>81.086</i>		<i>VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY</i>
<i>CONSERVATION RESEARCH AND DEVELOPMENT</i>	<i>81.086</i>		
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>ALGENOL BIOTECH</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>NORTHWESTERN UNIVERSITY</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>TEXAS A&M UNIVERSITY</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>UNIVERSITY OF DELAWARE</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>UNIVERSITY OF WASHINGTON</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		<i>VANDERBILT UNIVERSITY</i>
<i>RENEWABLE ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.087</i>		
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>CHILDREN'S HEALTHCARE OF ATLANTA, INC.</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>RTI INTERNATIONAL</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>SOUTHWEST RESEARCH INSTITUTE</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>SOUTHWEST RESEARCH INSTITUTE</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>TELEDYNE SCIENTIFIC AND IMAGING, LLC</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		<i>UNIVERSITY OF CENTRAL FLORIDA</i>
<i>FOSSIL ENERGY RESEARCH AND DEVELOPMENT</i>	<i>81.089</i>		
<i>ENVIRONMENTAL REMEDIATION AND WASTE PROCESSING AND DISPOSAL</i>	<i>81.104</i>		<i>SRS COMMUNITY REUSE ORGANIZATION</i>
<i>ENVIRONMENTAL REMEDIATION AND WASTE PROCESSING AND DISPOSAL</i>	<i>81.104</i>		<i>SRS COMMUNITY REUSE ORGANIZATION</i>
<i>TRANSPORT OF TRANSURANIC WASTES TO THE WASTE ISOLATION PILOT PLANT: STATES AND TRIBAL CONCERNS, PROPOSED SOLUTIONS</i>	<i>81.106</i>		<i>SOUTHERN STATES ENERGY BOARD</i>
<i>STEWARDSHIP SCIENCE GRANT PROGRAM</i>	<i>81.112</i>		<i>LAWRENCE BERKELEY NATIONAL LABORATORY</i>
<i>STEWARDSHIP SCIENCE GRANT PROGRAM</i>	<i>81.112</i>		
<i>DEFENSE NUCLEAR NONPROLIFERATION RESEARCH</i>	<i>81.113</i>		<i>NORTH CAROLINA STATE UNIVERSITY</i>
<i>DEFENSE NUCLEAR NONPROLIFERATION RESEARCH</i>	<i>81.113</i>		<i>UNIVERSITY OF MICHIGAN</i>
<i>DEFENSE NUCLEAR NONPROLIFERATION RESEARCH</i>	<i>81.113</i>		
<i>ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE</i>	<i>81.117</i>		<i>CLEAN ENERGY STATES ALLIANCE</i>
<i>ENERGY EFFICIENCY AND RENEWABLE ENERGY INFORMATION DISSEMINATION, OUTREACH, TRAINING AND TECHNICAL ANALYSIS/ASSISTANCE</i>	<i>81.117</i>		
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>PURDUE UNIVERSITY</i>
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>PURDUE UNIVERSITY</i>
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>SYRACUSE UNIVERSITY</i>
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>SYRACUSE UNIVERSITY</i>
<i>NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION</i>	<i>81.121</i>		<i>UNIVERSITY OF NEBRASKA-LINCOLN</i>

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
#429399-19034		\$63,702	\$1,308,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$52,329	\$1,182,365	\$1,308,359	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8/29/17 AGRMT		\$65,176	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4		\$116,678	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DE-EE0007888-09-6		\$230,963	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DE-EE0007888-10-5		\$526,389	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP0045962-PROJ0012882		\$74,877	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1900414		\$75,053	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
210345-01		\$70,271	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#53038		\$91,516	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UWSC11179		\$166,346	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UNIV58977		\$39,161	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$107,467	\$2,862,080	\$4,318,510	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SSA FOR GRA SUPPORT-FUJIMOTO		\$23,727	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWARD_CONTRACT_LINE_1 7362		\$104,069	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
L99007RI		\$38,318	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M99005RR		\$107,643	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 3/25/2020		\$19,835	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#16306016-01		\$65,296	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$70,351	\$1,341,455	\$1,700,343	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1998F0586		\$195,846	\$337,705	N/A	\$0
WORKFORCE OPPORTUNITIES IN REGIONAL CAREERS (WORC)		\$141,859	\$337,705	N/A	\$0
919		\$293,524	\$293,524	N/A	\$0
6964123		\$126,146	\$225,629	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$99,483	\$225,629	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2014-0501-05		\$193,721	\$2,165,659	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK0009797		\$63,799	\$2,165,659	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$847,551	\$1,908,139	\$2,165,659	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBEE0007667		\$2,565	\$503,475	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$59,310	\$500,910	\$503,475	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DE-NE0008474		\$15,000	\$1,497,451	N/A	\$0
		\$200,256	\$1,497,451	N/A	\$0
14000271-002		\$7,333	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265
14000276-006.		\$69,960	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#30308-05133-S01		\$60,648	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265
28643-04465-S02		\$65,233	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25-1120-0014-004		\$36,434	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		
ELECTRICITY RESEARCH, DEVELOPMENT AND ANALYSIS	81.122		
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		CARNEGIE MELLON UNIVERSITY
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		LEHIGH UNIVERSITY
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		OREGON STATE UNIVERSITY
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		PENNSYLVANIA STATE UNIVERSITY
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		RENSSELAER POLYTECHNIC INSTITUTE
<i>ADVANCED RESEARCH PROJECTS AGENCY - ENERGY</i>	81.135		UNIVERSITY OF MICHIGAN
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135		
MINORITY ECONOMIC IMPACT	81.137		
ENVIRONMENTAL MONITORING/CLEANUP, CULTURAL AND RESOURCE MGMT., EMERGENCY RESPONSE RESEARCH, OUTREACH, TECHNICAL ANALYSIS	81.214		
<i>ENVIRONMENTAL MONITORING/CLEANUP, CULTURAL AND RESOURCE MGMT., EMERGENCY RESPONSE RESEARCH, OUTREACH, TECHNICAL ANALYSIS</i>	81.214		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
ENVIRONMENTAL MONITORING/CLEANUP, CULTURAL AND RESOURCE MGMT., EMERGENCY RESPONSE RESEARCH, OUTREACH, TECHNICAL ANALYSIS	81.214		
<i>SRNS TIMS BRANCH WETLAND SCIENTIFIC FOCUS AREA</i>	81.RD	0000448600	SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
<i>MODAL MODELING OF ACOUSTOELASTIC SYSTEMS</i>	81.RD	2003656	SANDIA NATIONAL LABORATORIES
<i>HYDROGEN PROCESS IMAGING USING MAGNETIC FIELDS</i>	81.RD	2018-000008	SAVANNAH RIVER NUCLEAR SOLUTIONS, LLC
<i>THE CENTER FOR BIOENERGY INNOVATION</i>	81.RD	4000158359	UT-BATTELLE, LLC
<i>ELUCIDATING THE ROLE OF RECEPTOR LIKE KINASES IN W</i>	81.RD	4000167801	UT-BATTELLE, LLC
<i>NUMERICAL METHODS FOR ADAPTIVE SPARSE GRID DISCRET</i>	81.RD	4000172831	UT-BATTELLE, LLC
<i>USDOE ASIAN FELLOWS PROGRAM</i>	81.RD	400165132	UT-BATTELLE, LLC
<i>CHARACTERIZATION OF METAL-UTILIZATION AND METAL-RE</i>	81.RD	7481316	LAWRENCE BERKELEY NATIONAL LABORATORY
<i>2017-18 SBC-CAT PERSONNEL ASSIGNMENT FOR GERD ROSE</i>	81.RD	7F30217	UCHICAGO ARGONNE, LLC
<i>COMPARATIVE ANALYSIS OF BIOCONVERSION AND/OR BIOPR</i>	81.RD	C-5011	FLORIDA A&M UNIVERSITY
<i>DOE-LBNL U OF CA</i>	81.RD	DE-AC02-05CH11231	KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
VERIFICATION AND VALIDATION PROBLEMS FOR ACOUSTIC	81.RD	PO#2152262	
<i>SREL R&D OF CEMENTITIOUS-TYPE MATERIALS AND SOIL</i>	81.RD	SRRA099188	SAVANNAH RIVER REMEDIATION, LLC
<i>AQUEOUS AND SOLID PHASE CHARACTERIZATION OF POTENT</i>	81.RD	SRRA151648	SAVANNAH RIVER REMEDIATION, LLC
<i>EASYSER: ACCELERATING A METHOD TO EVOLVE NEW ENZYME</i>	81.RD	XCE99201301	NATIONAL RENEWABLE ENERGY LABORATORY
TOTAL DEPARTMENT OF ENERGY			
DEPARTMENT OF EDUCATION			
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002		
FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS	84.007		
TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES	84.010		
<i>TITLE I GRANTS TO LOCAL EDUCATIONAL AGENCIES</i>	84.010		CLARKE COUNTY SCHOOL DISTRICT
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011		
TITLE I STATE AGENCY PROGRAM FOR NEGLECTED AND DELINQUENT CHILDREN AND YOUTH	84.013		
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		
UNDERGRADUATE INTERNATIONAL STUDIES AND FOREIGN LANGUAGE PROGRAMS	84.016		
INTERNATIONAL RESEARCH AND STUDIES	84.017		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$361,977	\$1,042,587	\$1,497,451	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$89,752	\$434,332	\$434,332	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1070254-427580		\$828	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#543891-78003		\$25,861	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S4872, PO#374367		\$68,096	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#G0173A-A		\$64,796	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5666UGRFEARPA0821		\$185,015	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A12820		\$265,978	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00010993		\$55,113	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$30,924	\$2,039,433	\$2,705,120	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$103,344	\$103,344	N/A	\$0
		\$159,244	\$5,986,520	N/A	\$0
4000155072		\$342	\$5,986,520	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$185,291	\$5,826,934	\$5,986,520	RESEARCH AND DEVELOPMENT	\$1,146,369,265
448600		\$1,315	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2003656		\$36,828	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2018-000008		\$111,527	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000158359		\$2,499,321	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000167801		\$32,689	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000172831		\$36,023	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
400165132		\$115,993	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7481316		\$104,382	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7F30217		\$174,559	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C-5011		\$32,897	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
DE-AC02-05CH11231		\$17,854	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$37,762	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SRRA099188		\$367,509	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SRRA151648		\$149,287	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
XCE99201301		\$78,909	\$3,796,855	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$6,451,692	\$54,143,799			
		\$19,604,304	\$19,604,304	N/A	\$0
		\$15,010,827	\$15,010,827	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
	\$546,261,318	\$559,644,729	\$559,644,729	N/A	\$0
RCLCDRE216370CV		\$0	\$559,644,729	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$5,009,250	\$7,236,444	\$7,236,444	N/A	\$0
	\$890,294	\$1,603,667	\$1,603,667	N/A	\$0
		\$546,388	\$546,388	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$65,351	\$65,351	N/A	\$0
		\$83,937	\$83,937	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
OVERSEAS PROGRAMS - GROUP PROJECTS ABROAD	84.021		
OVERSEAS PROGRAMS - DOCTORAL DISSERTATION RESEARCH ABROAD	84.022		
<i>SPECIAL EDUCATION GRANTS TO STATES</i>	<i>84.027</i>		CLARKE COUNTY SCHOOL DISTRICT
SPECIAL EDUCATION GRANTS TO STATES	84.027		
HIGHER EDUCATION INSTITUTIONAL AID	84.031		
<i>HIGHER EDUCATION INSTITUTIONAL AID</i>	<i>84.031</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
HIGHER EDUCATION INSTITUTIONAL AID	84.031		
<i>FEDERAL WORK-STUDY PROGRAM</i>	<i>84.033</i>		AMERICAN NATIONAL RED CROSS
<i>FEDERAL WORK-STUDY PROGRAM</i>	<i>84.033</i>		EAST ATLANTA KIDS CLUB
<i>FEDERAL WORK-STUDY PROGRAM</i>	<i>84.033</i>		ESSENTIAL2LIFE INC
FEDERAL WORK-STUDY PROGRAM	84.033		
FEDERAL PERKINS LOAN (FPL)- FEDERAL CAPITAL CONTRIBUTIONS	84.038		
TRIO STUDENT SUPPORT SERVICES	84.042		
<i>TRIO STUDENT SUPPORT SERVICES</i>	<i>84.042</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
TRIO STUDENT SUPPORT SERVICES	84.042		
TRIO TALENT SEARCH	84.044		
TRIO TALENT SEARCH	84.044		
TRIO UPWARD BOUND	84.047		
<i>TRIO UPWARD BOUND</i>	<i>84.047</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>TRIO UPWARD BOUND</i>	<i>84.047</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>TRIO UPWARD BOUND</i>	<i>84.047</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
TRIO UPWARD BOUND	84.047		
<i>CAREER AND TECHNICAL EDUCATION -- BASIC GRANTS TO STATES</i>	<i>84.048</i>		CTAE RESOURCE NETWORK, INC.
CAREER AND TECHNICAL EDUCATION -- BASIC GRANTS TO STATES	84.048		
<i>CAREER AND TECHNICAL EDUCATION -- NATIONAL PROGRAMS</i>	<i>84.051</i>		GWINNETT COUNTY
FEDERAL PELL GRANT PROGRAM	84.063		
TRIO EDUCATIONAL OPPORTUNITY CENTERS	84.066		
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116		
<i>FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION</i>	<i>84.116</i>		UNIVERSITY OF MINNESOTA
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116		
MINORITY SCIENCE AND ENGINEERING IMPROVEMENT	84.120		
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		
REHABILITATION LONG-TERM TRAINING	84.129		
MIGRANT EDUCATION HIGH SCHOOL EQUIVALENCY PROGRAM	84.141		
MIGRANT EDUCATION COORDINATION PROGRAM	84.144		
MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	84.149		
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173		
REHABILITATION SERVICES INDEPENDENT LIVING SERVICES FOR OLDER INDIVIDUALS WHO ARE BLIND	84.177		
SPECIAL EDUCATION-GRANTS FOR INFANTS AND FAMILIES	84.181		
SCHOOL SAFETY NATIONAL ACTIVITIES (FORMERLY, SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES-NATIONAL PROGRAMS)	84.184		
<i>SCHOOL SAFETY NATIONAL ACTIVITIES (FORMERLY, SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES-NATIONAL PROGRAMS)</i>	<i>84.184</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
SUPPORTED EMPLOYMENT SERVICES FOR INDIVIDUALS WITH THE MOST SIGNIFICANT DISABILITIES	84.187		
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196		
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200		
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$3,072	\$3,072	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$28,874	\$28,874	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RCLCD0001097301		\$289,960	\$358,724,339	RESEARCH AND DEVELOPMENT	\$1,146,369,265
				SPECIAL EDUCATION CLUSTER	
	\$340,994,759	\$358,434,379	\$358,724,339	(IDEA)	\$368,697,555
		\$16,780,873	\$17,514,281	N/A	\$0
P116F140432		\$130,801	\$17,514,281	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$602,607	\$17,514,281	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010138		\$10,220	\$14,327,978	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
CON011249		\$3,350	\$14,327,978	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
CON011238		\$11,464	\$14,327,978	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$14,302,944	\$14,327,978	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$24,102,223	\$24,102,223	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$288,346	\$3,558,328	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-27		\$466,503	\$3,558,328	TRIO CLUSTER	\$12,068,474
		\$2,803,479	\$3,558,328	TRIO CLUSTER	\$12,068,474
		\$366,493	\$2,259,258	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,892,765	\$2,259,258	TRIO CLUSTER	\$12,068,474
		\$1,057,513	\$7,013,209	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P047A170751		\$275,039	\$7,013,209	TRIO CLUSTER	\$12,068,474
P047A170766		\$219,211	\$7,013,209	TRIO CLUSTER	\$12,068,474
PO47M170078		\$240,158	\$7,013,209	TRIO CLUSTER	\$12,068,474
		\$5,221,288	\$7,013,209	TRIO CLUSTER	\$12,068,474
CTAE6073		\$33,683	\$44,627,769	N/A	\$0
	\$18,963,542	\$44,594,086	\$44,627,769	N/A	\$0
CON013286		\$9,111	\$9,111	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$755,564,670	\$755,564,670	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$362,319	\$362,319	TRIO CLUSTER	\$12,068,474
		\$83,168	\$1,256,024	N/A	\$0
A004497002		\$26,342	\$1,256,024	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$993,919	\$1,146,514	\$1,256,024	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$399,716	\$399,716	N/A	\$0
		\$64,043,862	\$64,043,862	N/A	\$0
		\$347,979	\$347,979	N/A	\$0
		\$759,302	\$759,302	N/A	\$0
		\$58,699	\$58,699	N/A	\$0
		\$1,234,150	\$1,234,150	N/A	\$0
				SPECIAL EDUCATION CLUSTER	
	\$10,206,249	\$10,263,176	\$10,263,176	(IDEA)	\$368,697,555
		\$1,258,997	\$1,258,997	N/A	\$0
		\$16,106,064	\$16,106,064	N/A	\$0
		\$946,981	\$950,684	N/A	\$0
63828383-28		\$3,703	\$950,684	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$694,456	\$694,456	N/A	\$0
	\$2,432,027	\$2,772,262	\$2,772,262	N/A	\$0
		\$89,496	\$404,887	N/A	\$0
		\$315,391	\$404,887	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
INNOVATIVE APPROACHES TO LITERACY, FULL-SERVICE COMMUNITY SCHOOLS; AND PROMISE NEIGHBORHOODS	84.215		
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT</i>	<i>84.217</i>		
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217		
CENTERS FOR INTERNATIONAL BUSINESS EDUCATION	84.220		
CENTERS FOR INTERNATIONAL BUSINESS EDUCATION	84.220		
LANGUAGE RESOURCE CENTERS	84.229		
REHABILITATION SERVICES DEMONSTRATION AND TRAINING PROGRAMS	84.235		WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION
<i>INNOVATIVE REHABILITATION TRAINING</i>	<i>84.263</i>		
FEDERAL DIRECT STUDENT LOANS	84.268		
CHARTER SCHOOLS	84.282		
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		QUESTAR ASSESSMENT, INC. CORPORATION FOR PUBLIC BROADCASTING
<i>TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS</i>	<i>84.287</i>		
<i>READY-TO-LEARN TELEVISION</i>	<i>84.295</i>		
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		ARIZONA STATE UNIVERSITY
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		ARIZONA STATE UNIVERSITY
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		ARIZONA STATE UNIVERSITY
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		CALIFORNIA STATE UNIVERSITY, LONG BEACH
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		FLORIDA STATE UNIVERSITY
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		FLORIDA STATE UNIVERSITY
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		MICHIGAN STATE UNIVERSITY
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		NORTHERN ILLINOIS UNIVERSITY
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		UNIVERSITY OF CINCINNATI
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		UNIVERSITY OF CINCINNATI
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		UNIVERSITY OF CINCINNATI
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		UNIVERSITY OF MEMPHIS
<i>EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION</i>	<i>84.305</i>		UNIVERSITY OF SOUTHERN CALIFORNIA
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323		INDIANA UNIVERSITY
<i>RESEARCH IN SPECIAL EDUCATION</i>	<i>84.324</i>		TENNESSEE STATE UNIVERSITY
<i>RESEARCH IN SPECIAL EDUCATION</i>	<i>84.324</i>		
RESEARCH IN SPECIAL EDUCATION	84.324		
<i>SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES</i>	<i>84.325</i>		UNIVERSITY OF FLORIDA
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		
<i>SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES</i>	<i>84.325</i>		EAST CAROLINA UNIVERSITY
<i>SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES</i>	<i>84.325</i>		VANDERBILT UNIVERSITY
<i>SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES</i>	<i>84.325</i>		VANDERBILT UNIVERSITY
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		
SPECIAL EDUCATION TECHNICAL ASSISTANCE AND DISSEMINATION TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.326		DOUGHERTY COUNTY SCHOOL SYSTEM
<i>GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS</i>	<i>84.334</i>		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS</i>	<i>84.334</i>		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS</i>	<i>84.334</i>		
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$381,926	\$381,926	N/A	\$0
		\$238,648	\$826,360	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-29		\$204,292	\$826,360	TRIO CLUSTER	\$12,068,474
		\$383,420	\$826,360	TRIO CLUSTER	\$12,068,474
		\$800	\$490,732	N/A	\$0
		\$489,932	\$490,732	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$156,867	\$156,867	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$505,980	\$505,980	N/A	\$0
NO UNIQUE NUMBER		\$18,214	\$18,214	N/A	\$0
		\$1,393,328,935	\$1,393,328,935	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
	\$3,424,415	\$3,803,752	\$3,803,752	N/A	\$0
	\$35,954,103	\$38,796,228	\$38,789,401	N/A	\$0
RQSTRRE218324CV		-\$6,827	\$38,789,401	RESEARCH AND DEVELOPMENT	\$1,146,369,265
34824-EDU		\$68,117	\$68,117	N/A	\$0
CON009851		\$57,563	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011146		\$70,724	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011261		\$68,961	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011095		\$92,842	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011148		\$22,168	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012288		\$37,273	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005784		\$14,506	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011542		\$38,493	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
11275002		\$50,468	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007985		-\$20,023	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012245		\$49,349	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012875		\$16,892	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
105762552		\$70,335	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$644,647	\$1,247,941	\$1,817,492	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,383,453	\$1,383,453	N/A	\$0
CON009836		\$41,465	\$399,370	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008400		\$11,268	\$399,370	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$81,242	\$346,637	\$399,370	RESEARCH AND DEVELOPMENT	\$1,146,369,265
30486		\$14,918	\$761,845	N/A	\$0
		\$41,063	\$761,845	N/A	\$0
CON012432		\$15,280	\$761,845	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UNIV60494		\$47,143	\$761,845	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UNIV61390		\$304	\$761,845	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	-\$2,500	\$643,137	\$761,845	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$315,846	\$315,846	RESEARCH AND DEVELOPMENT	\$1,146,369,265
586000231		\$35,185	\$4,860,921	N/A	\$0
63828383-30		-\$7,501	\$4,860,921	N/A	\$0
P334SI60030		\$175,928	\$4,860,921	N/A	\$0
	\$500,406	\$4,451,984	\$4,860,921	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS</i>	84.334		UNIVERSITY OF MONTEVALLO
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335		
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	84.335		
TEACHER QUALITY PARTNERSHIP GRANTS	84.336		
TEACHER QUALITY PARTNERSHIP GRANTS	84.336		
RURAL EDUCATION	84.358		
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365		
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365		
<i>MATHEMATICS AND SCIENCE PARTNERSHIPS</i>	84.366		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC. KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>MATHEMATICS AND SCIENCE PARTNERSHIPS</i>	84.366		
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		
<i>SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)</i>	84.367		NATIONAL WRITING PROJECT
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANTS (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		
GRANTS FOR STATE ASSESSMENTS AND RELATED ACTIVITIES	84.369		
COMPREHENSIVE LITERACY DEVELOPMENT	84.371		
SCHOOL IMPROVEMENT GRANTS	84.377		
TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION GRANTS (TEACH GRANTS)	84.379		
STRENGTHENING MINORITY-SERVING INSTITUTIONS	84.382		
<i>TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION</i>	84.407		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
TRANSITION PROGRAMS FOR STUDENTS WITH INTELLECTUAL DISABILITIES INTO HIGHER EDUCATION	84.407		
<i>EDUCATION INNOVATION AND RESEARCH (FORMERLY INVESTING IN INNOVATION (I3) FUND)</i>	84.411		OHIO STATE UNIVERSITY
RACE TO THE TOP EARLY LEARNING CHALLENGE	84.412		
SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.423		
STUDENT SUPPORT AND ACADEMIC ENRICHMENT PROGRAM	84.424		
COVID-19-EDUCATION STABILIZATION FUND	84.425	COVID-19	
NATIONAL ASSESSMENT OF EDUCATIONAL PROGRESS	84.U25	ED-IES-14-C-0071	
RACE TO THE TOP	84.U26	ARRA	
NATIONAL CENTER FOR EDUCATION STATISTICS - FR	84.U27	ED-08-CO-0030	
TOTAL DEPARTMENT OF EDUCATION			
NATIONAL ARCHIVES & RECORDS ADMINISTRATION			
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003		
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003		
TOTAL NATIONAL ARCHIVES & RECORDS ADMINISTRATION			
DELTA REGIONAL AUTHORITY or DENALI COMMISSION or ELECTION ASSISTANCE COMMISSION or JAPAN U.S. FRIENDSHIP COMMISSION			
HELP AMERICA VOTE ACT REQUIREMENTS PAYMENTS	90.401		
2018 HAVA ELECTION SECURITY GRANTS	90.404		
COVID-19-2018 HAVA ELECTION SECURITY GRANTS	90.404	COVID-19	
TOTAL DELTA REGIONAL AUTHORITY or DENALI COMMISSION or ELECTION ASSISTANCE COMMISSION or JAPAN U.S. FRIENDSHIP COMMISSION			

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
CON011827		\$205,325	\$4,860,921	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$141,266	\$189,662	N/A	\$0
		\$48,396	\$189,662	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$71,414	\$325,993	N/A	\$0
		\$254,579	\$325,993	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$5,991,348	\$6,146,185	\$6,146,185	N/A	\$0
	\$14,523,456	\$15,554,384	\$16,178,866	N/A	\$0
		\$624,482	\$16,178,866	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-31		\$56,332	\$474,536	N/A	\$0
S366B160011		\$69,137	\$474,536	N/A	\$0
	\$52,843	\$66,631	\$474,536	N/A	\$0
	\$67,492	\$282,436	\$474,536	RESEARCH AND DEVELOPMENT	\$1,146,369,265
U367DI50004		\$14,830	\$59,317,823	N/A	\$0
	\$57,881,333	\$59,304,728	\$59,317,823	N/A	\$0
		-\$1,735	\$59,317,823	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$13,633,479	\$13,633,479	N/A	\$0
	\$9,793,039	\$12,542,991	\$12,542,991	N/A	\$0
	\$5,509,360	\$6,013,293	\$6,013,293	N/A	\$0
		\$1,550,223	\$1,550,223	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$4,281,704	\$4,281,704	N/A	\$0
63828383-32		\$49,412	\$649,344	N/A	\$0
	\$33,949	\$599,932	\$649,344	N/A	\$0
CON012019		\$22,222	\$22,222	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$86,500	-\$86,500	N/A	\$0
	\$871,811	\$2,108,174	\$2,108,174	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$36,323,771	\$37,642,175	\$37,642,175	N/A	\$0
	\$15,343,654	\$274,293,823	\$274,293,823	N/A	\$0
		\$128,022	\$128,022	N/A	\$0
		-\$737	-\$737	N/A	\$0
		\$18,160	\$18,160	N/A	\$0
	<u>\$1,112,745,727</u>	<u>\$3,815,779,985</u>			
		\$1,720	\$103,018	N/A	\$0
	\$18,620	\$101,298	\$103,018	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	<u>\$18,620</u>	<u>\$103,018</u>			
		-\$26,004	-\$26,004	N/A	\$0
		\$10,203,606	\$14,271,981	N/A	\$0
	\$428,590	\$4,068,375	\$14,271,981	N/A	\$0
	<u>\$428,590</u>	<u>\$14,245,977</u>			

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
DEPARTMENT OF HEALTH AND HUMAN SERVICES			
<i>MEDICAL RESERVE CORPS SMALL GRANT PROGRAM</i>	93.008		ST. JUDE CHILDREN'S RESEARCH HOSPITAL
SPECIAL PROGRAMS FOR THE AGING, TITLE VII, CHAPTER 3, PROGRAMS FOR PREVENTION OF ELDER ABUSE, NEGLECT, AND EXPLOITATION	93.041		
SPECIAL PROGRAMS FOR THE AGING, TITLE VII, CHAPTER 2, LONG TERM CARE OMBUDSMAN SERVICES FOR OLDER INDIVIDUALS	93.042		
SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART D, DISEASE PREVENTION AND HEALTH PROMOTION SERVICES	93.043		
<i>SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS</i>	93.044		SOUTHERN GEORGIA REGIONAL COMMISSION
SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS	93.044		
COVID-19-SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART B, GRANTS FOR SUPPORTIVE SERVICES AND SENIOR CENTERS	93.044	COVID-19	
SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART C, NUTRITION SERVICES	93.045		
COVID-19-SPECIAL PROGRAMS FOR THE AGING, TITLE III, PART C, NUTRITION SERVICES	93.045	COVID-19	
SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II, DISCRETIONARY PROJECTS	93.048		
SPECIAL PROGRAMS FOR THE AGING, TITLE IV, AND TITLE II, DISCRETIONARY PROJECTS	93.048		
ALZHEIMER'S DISEASE DEMONSTRATION GRANTS TO STATES	93.051		
<i>NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E</i>	93.052		CSRA AREA AGENCY ON AGING SOUTHERN GEORGIA REGIONAL COMMISSION
<i>NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E</i>	93.052		
NATIONAL FAMILY CAREGIVER SUPPORT, TITLE III, PART E	93.052		
NUTRITION SERVICES INCENTIVE PROGRAM	93.053		
TRAINING IN GENERAL, PEDIATRIC, AND PUBLIC HEALTH DENTISTRY	93.059		
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		EMORY UNIVERSITY
<i>GLOBAL AIDS</i>	93.067		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>GLOBAL AIDS</i>	93.067		GEORGIA MEDICAL CARE FOUNDATION
<i>CHRONIC DISEASES: RESEARCH, CONTROL, AND PREVENTION</i>	93.068		
PUBLIC HEALTH EMERGENCY PREPAREDNESS	93.069		
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070		
<i>ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE</i>	93.070		SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
MEDICARE ENROLLMENT ASSISTANCE PROGRAM	93.071		
BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE	93.073		
<i>BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE</i>	93.073		UNIVERSITY OF SOUTH CAROLINA
<i>BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE</i>	93.073		UNIVERSITY OF SOUTH CAROLINA
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074		
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		
COOPERATIVE AGREEMENTS TO PROMOTE ADOLESCENT HEALTH THROUGH SCHOOL-BASED HIV/STD PREVENTION AND SCHOOL-BASED SURVEILLANCE	93.079		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1.11978051781399E+15		\$352,507	\$352,507	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$59,050	\$59,050	N/A	\$0
	\$281,210	\$400,146	\$400,146	N/A	\$0
	\$545,173	\$545,173	\$545,173	N/A	\$0
AAA-2019-11		\$9,140	\$11,106,209	AGING CLUSTER	\$37,701,076
	\$10,324,672	\$11,094,715	\$11,106,209	AGING CLUSTER	\$37,701,076
	\$2,354	\$2,354	\$11,106,209	AGING CLUSTER	\$37,701,076
	\$20,446,780	\$21,668,946	\$23,009,441	AGING CLUSTER	\$37,701,076
	\$1,340,495	\$1,340,495	\$23,009,441	AGING CLUSTER	\$37,701,076
		\$257,250	\$478,595	N/A	\$0
	\$32,605	\$221,345	\$478,595	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$205,363	\$205,363	N/A	\$0
OAA TITLE III E-FAMILY CAREGIVER SUPPORT		\$4,914	\$4,012,379	N/A	\$0
AAA-2019-07		\$57,058	\$4,012,379	N/A	\$0
	\$3,546,843	\$3,950,407	\$4,012,379	N/A	\$0
	\$3,585,426	\$3,585,426	\$3,585,426	AGING CLUSTER	\$37,701,076
		\$95,406	\$95,406	N/A	\$0
A126270		\$84,536	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A126281		\$78,675	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A180258		\$582,770	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A222012		\$340,291	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
HHSN272201400004C		\$44,070	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T848250		\$12,557	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-33		\$32,941	\$1,175,840	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBHSM5002014QIN0121		\$3,000	\$3,000	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$15,751,883	\$15,751,883	N/A	\$0
		\$477,756	\$477,756	N/A	\$0
PH7556		\$0	\$477,756	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$576,705	\$2,778,376	\$2,778,376	N/A	\$0
		\$76,145	\$243,128	N/A	\$0
CON010604		\$55,288	\$243,128	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012981		\$111,695	\$243,128	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$3,596	-\$3,596	N/A	\$0
	\$492,139	\$2,552,278	\$2,552,278	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$18,451	\$18,451	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH</i>	93.080		HEMOPHILIA OF GEORGIA
<i>BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH</i>	93.080		HEMOPHILIA OF GEORGIA
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080		
<i>PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES</i>	93.084		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES</i>	93.084		EMORY UNIVERSITY
<i>PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES</i>	93.084		STATE UNIVERSITY OF NEW YORK
<i>PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES</i>	93.084		UNIVERSITY OF PENNSYLVANIA
<i>PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES</i>	93.084		UNIVERSITY OF PENNSYLVANIA
<i>HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS</i>	93.086		CENTER FOR POLICY RESEARCH
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		
ENHANCE SAFETY OF CHILDREN AFFECTED BY SUBSTANCE ABUSE	93.087		
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092		
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103		
<i>FOOD AND DRUG ADMINISTRATION RESEARCH</i>	93.103		UNIVERSITY OF TENNESSEE
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103		
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		
COVID-19-AREA HEALTH EDUCATION CENTERS	93.107	COVID-19	
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		ASSOCIATION OF MATERNAL & CHILD HEALTH PROGRAMS
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		EMORY UNIVERSITY
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		HEMOPHILIA OF GEORGIA
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		HEMOPHILIA OF GEORGIA
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		UNIVERSITY OF NORTH CAROLINA
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		UNIVERSITY OF NORTH CAROLINA
<i>MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS</i>	93.110		UNIVERSITY OF NORTH CAROLINA
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110		
<i>ENVIRONMENTAL HEALTH</i>	93.113		EMORY UNIVERSITY
<i>ENVIRONMENTAL HEALTH</i>	93.113		EMORY UNIVERSITY
<i>ENVIRONMENTAL HEALTH</i>	93.113		FOUNDATION FOR APPLIED MOLECULAR EVOLUTION (FFAME)
<i>ENVIRONMENTAL HEALTH</i>	93.113		NORTHEASTERN UNIVERSITY
<i>ENVIRONMENTAL HEALTH</i>	93.113		NORTHEASTERN UNIVERSITY
<i>ENVIRONMENTAL HEALTH</i>	93.113		REPROTOX, LLC
<i>ENVIRONMENTAL HEALTH</i>	93.113		UNIVERSITY OF MINNESOTA
<i>ENVIRONMENTAL HEALTH</i>	93.113		UNIVERSITY OF NORTH CAROLINA
<i>ENVIRONMENTAL HEALTH</i>	93.113		WASHINGTON STATE UNIVERSITY
ENVIRONMENTAL HEALTH	93.113		
PROJECT GRANTS AND COOPERATIVE AGREEMENTS FOR TUBERCULOSIS CONTROL PROGRAMS	93.116		
ACQUIRED IMMUNODEFICIENCY SYNDROME (AIDS) ACTIVITY	93.118		
<i>ORAL DISEASES AND DISORDERS RESEARCH</i>	93.121		EMORY UNIVERSITY
<i>ORAL DISEASES AND DISORDERS RESEARCH</i>	93.121		THE LUNDQUIST INSTITUTE FOR BIOMEDICAL INNOVATION
<i>ORAL DISEASES AND DISORDERS RESEARCH</i>	93.121		UNIVERSITY OF FLORIDA

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
1NU27DD001155-01-00 (HTC#341)		\$31,729	\$260,698	N/A	\$0
1NU27DD001155-01-00 (HTC#357)		\$10,865	\$260,698	N/A	\$0
	\$6,459	\$218,104	\$260,698	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-34		\$14,986	\$515,088	N/A	\$0
CON011769		\$35,060	\$515,088	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011936		\$50,618	\$515,088	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5.7279629675001E+19		\$17	\$515,088	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5.7279629675001E+20		\$414,407	\$515,088	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010756		\$4,517	\$1,504,090	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$100	\$1,499,573	\$1,504,090	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$23,049	\$85,084	\$85,084	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$813,301	\$1,549,523	\$1,549,523	N/A	\$0
		\$29,888	\$3,985,555	N/A	\$0
9500088500		\$764	\$3,985,555	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$412,072	\$3,954,903	\$3,985,555	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$841,125	\$841,125	N/A	\$0
	\$653,131	\$761,857	\$761,857	N/A	\$0
CON012592		\$14,034	\$1,041,286	N/A	\$0
CON006648		\$1,378	\$1,041,286	N/A	\$0
H30MC24046		\$6,138	\$1,041,286	N/A	\$0
MCHB H30MC24046-01-00		\$9,090	\$1,041,286	N/A	\$0
	\$155,873	\$769,150	\$1,041,286	N/A	\$0
CON011278		\$9	\$1,041,286	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011812		\$51,855	\$1,041,286	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012399		\$107,305	\$1,041,286	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$82,327	\$1,041,286	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A191435		\$255,325	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T779501		\$96,568	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010760		\$53,654	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
500612-78050		-\$238	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
500635-78050		\$442,711	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PA-15-269		\$78,870	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
H007947801		\$23,199	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5106555		\$18,283	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010993		\$94,281	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$87,725	\$692,903	\$1,755,556	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$2,411,311	\$2,411,311	N/A	\$0
		\$124,735	\$124,735	N/A	\$0
T825580		\$77,842	\$2,073,218	RESEARCH AND DEVELOPMENT	\$1,146,369,265
30842-UG		\$185	\$2,073,218	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB00001966		\$13,940	\$2,073,218	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
ORAL DISEASES AND DISORDERS RESEARCH	93.121		
NURSE ANESTHETIST TRAINEESHIP	93.124		
EMERGENCY MEDICAL SERVICES FOR CHILDREN	93.127		
<i>CENTERS FOR RESEARCH AND DEMONSTRATION FOR HEALTH PROMOTION AND DISEASE PREVENTION</i>	93.135		EMORY UNIVERSITY
CENTERS FOR RESEARCH AND DEMONSTRATION FOR HEALTH PROMOTION AND DISEASE PREVENTION	93.135		
CENTERS FOR RESEARCH AND DEMONSTRATION FOR HEALTH PROMOTION AND DISEASE PREVENTION	93.135		
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.136		
<i>INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS</i>	93.136		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS</i>	93.136		UNIVERSITY OF IOWA
<i>NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION</i>	93.143		NORTHEASTERN UNIVERSITY
<i>NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION</i>	93.143		NORTHEASTERN UNIVERSITY
PROJECTS FOR ASSISTANCE IN TRANSITION FROM HOMELESSNESS (PATH)	93.150		
<i>CENTERS OF EXCELLENCE</i>	93.157		MEHARRY MEDICAL COLLEGE
HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	93.161		
<i>HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY</i>	93.161		BIRKELAND CURRENT
<i>HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY</i>	93.161		NORTH CAROLINA STATE UNIVERSITY
<i>HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY</i>	93.161		UNIVERSITY OF CALIFORNIA, LOS ANGELES
<i>HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY</i>	93.161		UNIVERSITY OF OKLAHOMA
<i>HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY</i>	93.161		UNIVERSITY OF TEXAS AT DALLAS
HEALTH PROGRAM FOR TOXIC SUBSTANCES AND DISEASE REGISTRY	93.161		
GRANTS TO STATES FOR LOAN REPAYMENT	93.165		
<i>HUMAN GENOME RESEARCH</i>	93.172		BROAD INSTITUTE, INC.
<i>HUMAN GENOME RESEARCH</i>	93.172		VANDERBILT UNIVERSITY
HUMAN GENOME RESEARCH	93.172		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		
NURSING WORKFORCE DIVERSITY	93.178		
<i>DISABILITIES PREVENTION</i>	93.184		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
DISABILITIES PREVENTION	93.184		
GRADUATE PSYCHOLOGY EDUCATION	93.191		
GRADUATE PSYCHOLOGY EDUCATION	93.191		
CHILDHOOD LEAD POISONING PREVENTION PROJECTS, STATE AND LOCAL CHILDHOOD LEAD POISONING PREVENTION AND SURVEILLANCE OF BLOOD LEAD LEVELS IN CHILDREN	93.197		
<i>TELEHEALTH PROGRAMS</i>	93.211		JBS INTERNATIONAL
TELEHEALTH PROGRAMS	93.211		
<i>RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH</i>	93.213		EMORY UNIVERSITY
<i>RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH</i>	93.213		HGG RESEARCH, LLC
<i>RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH</i>	93.213		VIRGINIA COMMONWEALTH UNIVERSITY
<i>RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH</i>	93.213		VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$416,432	\$1,981,251	\$2,073,218	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$25,799	\$25,799	N/A	\$0
		\$89,966	\$89,966	N/A	\$0
30906_SFY20		-\$99,092	\$223,410	N/A	\$0
		\$100	\$223,410	N/A	\$0
		\$322,402	\$223,410	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$2,978,618	\$3,017,656	N/A	\$0
63828383-35		\$22,195	\$3,017,656	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S01096-01		\$16,843	\$3,017,656	RESEARCH AND DEVELOPMENT	\$1,146,369,265
50058578050		\$264,439	\$298,240	RESEARCH AND DEVELOPMENT	\$1,146,369,265
50064078050		\$33,801	\$298,240	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,424,295	\$1,424,295	\$1,424,295	N/A	\$0
NTEE		\$4,992	\$4,992	N/A	\$0
		-\$931	\$236,433	N/A	\$0
140710		\$69,000	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2019-2552-01		\$31,011	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0125 GWD486		\$18,809	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
C3097906		\$8,950	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
139170		\$85,354	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$24,240	\$236,433	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$4,435	-\$4,435	N/A	\$0
RBP* 6500215732		\$170,967	\$705,405	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013076	\$16,993	\$17,711	\$705,405	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$516,727	\$516,727	\$705,405	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$440,295	\$2,155,766	\$2,155,766	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$438,939	\$438,939	N/A	\$0
63828383-36		\$5,580	\$302,595	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$42,868	\$297,015	\$302,595	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$96,885	\$440,963	N/A	\$0
		\$344,078	\$440,963	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$548,938	\$548,938	N/A	\$0
CON012156		\$63,159	\$145,215	N/A	\$0
	\$10,000	\$82,056	\$145,215	N/A	\$0
CON011343		\$29,968	\$648,113	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00007003		\$3,610	\$648,113	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PT112083-SC107082		\$75,750	\$648,113	RESEARCH AND DEVELOPMENT	\$1,146,369,265
43182019105		\$25,606	\$648,113	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$156,655	\$513,179	\$648,113	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
HEALTH CENTER PROGRAM (COMMUNITY HEALTH CENTERS, MIGRANT HEALTH CENTERS, HEALTH CARE FOR THE HOMELESS, AND PUBLIC HOUSING PRIMARY CARE)	93.224		
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		
<i>RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES</i>	93.226		DUKE UNIVERSITY
<i>RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES</i>	93.226		WILLIAM BEAUMONT HOSPITAL RESEARCH INSTITUTE
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		
<i>LOAN REPAYMENT PROGRAM FOR GENERAL RESEARCH</i>	93.232		KAISER PERMANENTE
TRAUMATIC BRAIN INJURY STATE DEMONSTRATION GRANT PROGRAM	93.234		
TITLE V STATE SEXUAL RISK AVOIDANCE EDUCATION (TITLE V STATE SRAE) PROGRAM	93.235		
GRANTS TO STATES TO SUPPORT ORAL HEALTH WORKFORCE ACTIVITIES	93.236		
STATE CAPACITY BUILDING	93.240		
STATE RURAL HOSPITAL FLEXIBILITY PROGRAM	93.241		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>STATE RURAL HOSPITAL FLEXIBILITY PROGRAM</i>	93.241		
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		BOSTON COLLEGE
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		BOSTON COLLEGE
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		EMORY UNIVERSITY
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		HARTFORD HOSPITAL
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		HARVARD PILGRIM HEALTH CARE, INC.
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		JOHNS HOPKINS UNIVERSITY
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		KAISER PERMANENTE
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		KAISER PERMANENTE
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		MIND RESEARCH NETWORK
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		NEW YORK UNIVERSITY
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		RAND CORPORATION
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		THE JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY, LLC
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		TULANE UNIVERSITY
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		UNIVERSITY OF NEBRASKA
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		UNIVERSITY OF NEW MEXICO
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		UNIVERSITY OF WASHINGTON
<i>MENTAL HEALTH RESEARCH GRANTS</i>	93.242		
<i>SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE</i>	93.243		JOHNS HOPKINS UNIVERSITY
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		
<i>SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE</i>	93.243		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		
ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM	93.247		
<i>ADVANCED NURSING EDUCATION WORKFORCE GRANT PROGRAM</i>	93.247		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
EARLY HEARING DETECTION AND INTERVENTION	93.251		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		
<i>OCCUPATIONAL SAFETY AND HEALTH PROGRAM</i>	93.262		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$98,507	\$6,943,804	\$6,943,804	HEALTH CENTER PROGRAM CLUSTER	\$6,943,804
		\$838,603	\$1,300,956	N/A	\$0
PO 4550280744 (MEETING FEE)		\$260	\$1,300,956	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB NO WBH17001_AUGUSTA		\$12,012	\$1,300,956	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$250,515	\$450,081	\$1,300,956	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011820		\$16,270	\$16,270	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$137,593	\$137,593	N/A	\$0
	\$1,174,807	\$2,388,392	\$2,388,392	N/A	\$0
	\$153,965	\$504,611	\$504,611	N/A	\$0
		\$152,016	\$152,016	N/A	\$0
		\$587,699	\$621,317	N/A	\$0
63828383-37		\$33,618	\$621,317	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5105625-2		\$5,847	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
51093013		\$18,949	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
306236		\$49,097	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#A027182		\$20,757	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012172		\$68,353	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AH000711		\$27,510	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD # 0255-3351- 4609		\$34,966	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012125		\$49,393	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010730		\$800	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011821		\$8,059	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011506		-\$19,818	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F875209S		\$49,640	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9920180024		\$0	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#145278		\$40,859	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012252		\$113,070	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011721		\$89,170	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012401		\$49,545	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012130		\$19,250	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013292		\$7,045	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD # UWSC8592		\$7,191	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,385,093	\$6,720,466	\$7,360,149	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 2004173466		\$12,132	\$5,855,767	N/A	\$0
	\$1,321,847	\$5,661,151	\$5,855,767	N/A	\$0
1H79T1026010-01		\$336	\$5,855,767	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$182,148	\$5,855,767	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,057,433	\$1,455,376	N/A	\$0
63828383-38	\$30,000	\$397,943	\$1,455,376	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$180,872	\$180,872	N/A	\$0
		\$199,951	\$215,813	N/A	\$0
63828383-39		\$15,283	\$215,813	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>OCCUPATIONAL SAFETY AND HEALTH PROGRAM</i>	93.262		UNIVERSITY OF SOUTH FLORIDA
<i>NURSE FACULTY LOAN PROGRAM (NFLP)</i>	93.264		
<i>IMMUNIZATION COOPERATIVE AGREEMENTS</i>	93.268		
<i>IMMUNIZATION COOPERATIVE AGREEMENTS</i>	93.268		
<i>VIRAL HEPATITIS PREVENTION AND CONTROL</i>	93.270		
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		ARIZONA STATE UNIVERSITY
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		BEHAVIORAL SCIENCE TECHNOLOGIES, LLC
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		EMORY UNIVERSITY
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		INLIGHTA BIOSCIENCES, LLC
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		UNIVERSITY OF WASHINGTON
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		UNIVERSITY OF WASHINGTON
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		YALE UNIVERSITY
<i>ALCOHOL RESEARCH PROGRAMS</i>	93.273		
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		BUTLER HOSPITAL
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		BUTLER HOSPITAL
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		DUKE UNIVERSITY
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		NATIONAL BUREAU OF ECONOMIC RESEARCH
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		PALO ALTO VETERANS INSTITUTE FOR RESEARCH
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		UNIVERSITY OF CALIFORNIA
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		UNIVERSITY OF CONNECTICUT
<i>DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS</i>	93.279		
<i>CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE</i>	93.283		
<i>CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE</i>	93.283		TASKFORCE FOR GLOBAL HEALTH
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		CASE WESTERN RESERVE UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		CORNELL UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		EMORY UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		INLIGHTA BIOSCIENCES, LLC
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		MICHIGAN STATE UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		MICHIGAN STATE UNIVERSITY
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		UNIVERSITY OF MEMPHIS
<i>DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH</i>	93.286		UNIVERSITY OF TEXAS AT AUSTIN

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
6402-1095-03-C		\$579	\$215,813	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$2,246,876	\$2,246,876	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$153,524,116	\$153,684,279	N/A	\$0
		\$160,163	\$153,684,279	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$358,176	\$358,176	N/A	\$0
CON013249		\$1,215	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007683		\$112,551	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A175538		\$43,627	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010404		\$411,173	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012886		\$12,244	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013167		\$12,166	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18-588-UGRF		\$29,741	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GR104576		\$192,185	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$300,324	\$1,960,087	\$2,774,989	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5001471ABRANTES		\$96,805	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
92408302		\$28,621	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012071		\$40,037	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010369		\$34,845	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010076		\$96,125	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
113885C		\$12,241	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
69979		\$2,554	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$367,832	\$2,706,878	\$3,018,106	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$145,480	\$175,589	N/A	\$0
3430		\$30,109	\$175,589	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011968		\$85,855	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
16111826-GEORGIA		\$57	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A066738 (CORE 4)		\$125,229	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A073523		\$82,814	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A084034		\$27,319	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A180281		\$96,891	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A180498		\$42,334	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A249850		\$63,896	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A325090		\$6,606	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008047		-\$2,505	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9R15EB028609-02		\$86,319	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC104170GT		\$0	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC109911-GT		\$62,641	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
105475C		\$98,922	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5-40708		\$22,634	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UTA17-000428		\$101,403	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		
STATE PARTNERSHIP GRANT PROGRAM TO IMPROVE MINORITY HEALTH	93.296		
TEENAGE PREGNANCY PREVENTION PROGRAM	93.297		
SMALL RURAL HOSPITAL IMPROVEMENT GRANT PROGRAM	93.301		
PPHF 2018: OFFICE OF SMOKING AND HEALTH-NATIONAL STATE-BASED TOBACCO CONTROL PROGRAMS-FINANCED IN PART BY 2018 PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.305		
<i>MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH</i>	<i>93.307</i>		<i>KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION</i>
<i>MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH</i>	<i>93.307</i>		<i>PUERTO RICO SCIENCE, TECHNOLOGY & RESEARCH TRUST</i>
<i>MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH</i>	<i>93.307</i>		<i>UNIVERSITY OF UTAH</i>
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>ALABAMA STATE UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>CASE WESTERN RESERVE UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>EMORY UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>NEW YORK UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>NORTHEASTERN UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>NORTHEASTERN UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>NORTHEASTERN UNIVERSITY</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>UNIVERSITY OF CALIFORNIA, DAVIS</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>UNIVERSITY OF CALIFORNIA, DAVIS</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>UNIVERSITY OF CALIFORNIA, DAVIS</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>UNIVERSITY OF TEXAS</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>SOUTHWESTERN MEDICAL CENTER</i>
<i>TRANS-NIH RESEARCH SUPPORT</i>	<i>93.310</i>		<i>VANDERBILT UNIVERSITY</i>
TRANS-NIH RESEARCH SUPPORT	93.310		
NIH OFFICE OF RESEARCH ON WOMEN'S HEALTH	93.313		
EARLY HEARING DETECTION AND INTERVENTION INFORMATION SYSTEM (EHDI-IS) SURVEILLANCE PROGRAM	93.314		
EMERGING INFECTIONS PROGRAMS	93.317		
OUTREACH PROGRAMS TO REDUCE THE PREVALENCE OF OBESITY IN HIGH RISK RURAL AREAS	93.319		
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323		
<i>EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)</i>	<i>93.323</i>		<i>FLORIDA DEPARTMENT OF HEALTH</i>
COVID-19-EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	COVID-19	
STATE HEALTH INSURANCE ASSISTANCE PROGRAM	93.324		
BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM	93.336		
HEALTH PROFESSIONS STUDENT LOANS, INCLUDING PRIMARY CARE LOANS/LOANS FOR DISADVANTAGED STUDENTS	93.342		
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
<i>NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES</i>	<i>93.350</i>		<i>EMORY UNIVERSITY</i>
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		
<i>RESEARCH INFRASTRUCTURE PROGRAMS</i>	<i>93.351</i>		<i>EMORY UNIVERSITY</i>
<i>RESEARCH INFRASTRUCTURE PROGRAMS</i>	<i>93.351</i>		<i>INDIANA UNIVERSITY</i>
<i>RESEARCH INFRASTRUCTURE PROGRAMS</i>	<i>93.351</i>		<i>PURDUE UNIVERSITY</i>
RESEARCH INFRASTRUCTURE PROGRAMS	93.351		
<i>21ST CENTURY CURES ACT - BEAU BIDEN CANCER MOONSHOT</i>	<i>93.353</i>		<i>UNIVERSITY OF ALABAMA</i>
PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total	
	\$802,145	\$4,229,531	\$5,129,946	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
		\$140,628	\$140,628	N/A	\$0	
		\$151	\$151	N/A	\$0	
		\$5,504,448	\$5,504,448	N/A	\$0	
		\$1,090,209	\$1,090,209	N/A	\$0	
HHSS280200600029C		\$216	\$552,329	N/A	\$0	
2019-00161		\$47,427	\$552,329	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
10044779-01		\$84,375	\$552,329	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
	\$95,971	\$420,311	\$552,329	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
UGM132769A		\$54,251	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
RES512662		-\$16,473	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
T951414		\$663,691	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
SUB 15-A1-00-002912-01		\$6,402	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
50055978052 P1803156		\$244	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
500626-78050		\$302,767	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
50066978052		\$61,448	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
CON011366		\$29,395	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
CON012545		\$205,753	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
CON012721		\$91,548	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
GMO_190802						
PO#0000001820		\$57,869	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
VUMC73117		\$64,864	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
	\$2,147,751	\$7,154,245	\$8,676,004	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
		\$40,552	\$40,552	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
			\$199,764	\$199,764	N/A	\$0
			\$2,020,346	\$2,020,346	N/A	\$0
			\$848,695	\$848,695	RESEARCH AND DEVELOPMENT	\$1,146,369,265
			\$2,452,913	\$11,116,774	N/A	\$0
CODNR		\$7,343	\$11,116,774	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
		\$8,656,518	\$11,116,774	N/A	\$0	
	\$288,138	\$1,165,624	\$1,165,624	N/A	\$0	
		\$217,312	\$217,312	N/A	\$0	
		\$66,180	\$66,180	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042	
A004409		\$23,275	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
A007319		\$445,344	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
A229809		\$20,724	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
A229968		\$59,912	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
A230028		\$13,481	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
A241975/A155067		\$202,652	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
CON012864		\$22,882	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
T916186		\$1,033,686	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
T920868		-\$5,904	\$1,816,052	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
		\$168,695	\$2,468,098	N/A	\$0	
T620910		\$173,411	\$2,468,098	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
8143UG		\$51,859	\$2,468,098	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
4102-86208		\$2,030	\$2,468,098	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
	\$145,580	\$2,072,103	\$2,468,098	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
516421001		\$48,746	\$48,746	RESEARCH AND DEVELOPMENT	\$1,146,369,265	
		\$2,835,187	\$10,923,756	N/A	\$0	

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
COVID-19-PUBLIC HEALTH EMERGENCY RESPONSE: COOPERATIVE AGREEMENT FOR EMERGENCY RESPONSE: PUBLIC HEALTH CRISIS RESPONSE	93.354	COVID-19	
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359		
<i>BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT</i>	93.360		EMORY UNIVERSITY
<i>NURSING RESEARCH</i>	93.361		EMORY UNIVERSITY
NURSING RESEARCH	93.361		
NURSING STUDENT LOANS	93.364		
<i>SICKLE CELL TREATMENT DEMONSTRATION PROGRAM</i>	93.365		ATRIUM HEALTH
STATE ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES AND PARTNER ACTIONS TO IMPROVE ORAL HEALTH OUTCOMES	93.366		
FLEXIBLE FUNDING MODEL - INFRASTRUCTURE DEVELOPMENT AND MAINTENANCE FOR STATE MANUFACTURED FOOD REGULATORY PROGRAMS	93.367		
ACL INDEPENDENT LIVING STATE GRANTS	93.369		
<i>NATIONAL AND STATE TOBACCO CONTROL PROGRAM</i>	93.387		UNIVERSITY OF PENNSYLVANIA FRED HUTCHINSON CANCER RESEARCH CENTER
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		IONIC PHARMACEUTICALS
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		TULANE UNIVERSITY
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		UNIVERSITY OF CONNECTICUT
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		UNIVERSITY OF TOLEDO
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		UNIVERSITY OF UTAH
<i>CANCER CAUSE AND PREVENTION RESEARCH</i>	93.393		UNIVERSITY OF UTAH
CANCER CAUSE AND PREVENTION RESEARCH	93.393		
<i>CANCER DETECTION AND DIAGNOSIS RESEARCH</i>	93.394		INLIGHTA BIOSCIENCES, LLC
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		
<i>CANCER TREATMENT RESEARCH</i>	93.395		BOSTON UNIVERSITY
<i>CANCER TREATMENT RESEARCH</i>	93.395		EMORY UNIVERSITY
<i>CANCER TREATMENT RESEARCH</i>	93.395		PRODA BIOTECH, LLC
<i>CANCER TREATMENT RESEARCH</i>	93.395		UNIVERSITY OF MICHIGAN
CANCER TREATMENT RESEARCH	93.395		
<i>CANCER BIOLOGY RESEARCH</i>	93.396		EMORY UNIVERSITY
<i>CANCER BIOLOGY RESEARCH</i>	93.396		EMORY UNIVERSITY
<i>CANCER BIOLOGY RESEARCH</i>	93.396		HENRY FORD HEALTH SYSTEM
<i>CANCER BIOLOGY RESEARCH</i>	93.396		NORTHWESTERN UNIVERSITY
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF ALABAMA AT BIRMINGHAM
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF CONNECTICUT
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF FLORIDA
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF MICHIGAN
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF SOUTH FLORIDA
<i>CANCER BIOLOGY RESEARCH</i>	93.396		UNIVERSITY OF TEXAS MD ANDERSON CANCER
CANCER BIOLOGY RESEARCH	93.396		
<i>CANCER RESEARCH MANPOWER</i>	93.398		UNIVERSITY OF ARIZONA
CANCER RESEARCH MANPOWER	93.398		
CANCER CONTROL	93.399		
STRENGTHENING PUBLIC HEALTH SYSTEMS AND SERVICES THROUGH NATIONAL PARTNERSHIPS TO IMPROVE AND PROTECT THE NATIONS HEALTH	93.421		
NON-ACA/PPHFBUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS	93.424		
<i>NON-ACA/PPHFBUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS</i>	93.424		CDC FOUNDATION

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$8,088,569	\$10,923,756	N/A	\$0
		\$567,833	\$567,833	N/A	\$0
A240077		\$49,648	\$49,648	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010115		\$6,009	\$179,173	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$173,164	\$179,173	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$702,535	\$702,535	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
SUBAWARD NO. 3000301054(A17-0142-S009)		\$74,938	\$74,938	N/A	\$0
		\$360,255	\$360,255	N/A	\$0
		\$396,500	\$396,500	N/A	\$0
		\$696,736	\$696,736	N/A	\$0
1R01HL147256-01		\$130,647	\$130,647	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1023555		\$11,351	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 34686-1		\$20,752	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
15LMF0178NLS/RCA190710		\$16,972	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013105		\$35,886	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
324639		\$170,747	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011331		\$7,897	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10044693-02		\$46,668	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10045740-01		\$17,131	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$94,724	\$1,490,965	\$1,818,369	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008621		\$14,882	\$1,243,822	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$69,447	\$1,228,940	\$1,243,822	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD#: 4500002673		\$87,865	\$3,472,296	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T692521		\$17,965	\$3,472,296	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010395		\$225,626	\$3,472,296	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00008227		\$62,304	\$3,472,296	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$334,550	\$3,078,536	\$3,472,296	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON006548		\$17,517	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T953287		-\$194	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
B11165UGRF		\$53,181	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011047		\$12,434	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
000519805SC001		\$73,470	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011501		\$97,386	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD #: UFDSP00011398		\$56,520	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3004589137		\$86,875	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
6143119600B		\$2,463	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO3001155211		\$2,174	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$764,157	\$5,072,791	\$5,474,617	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010918		\$5,419	\$287,382	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$281,963	\$287,382	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$789,071	\$789,071	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$108,808	\$108,808	N/A	\$0
		-\$8,782	\$83,033	N/A	\$0
CON011558		\$70,903	\$83,033	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
NON-ACA/PPHFBUILDING CAPACITY OF THE PUBLIC HEALTH SYSTEM TO IMPROVE POPULATION HEALTH THROUGH NATIONAL NONPROFIT ORGANIZATIONS	93.424		
IMPROVING THE HEALTH OF AMERICANS THROUGH PREVENTION AND MANAGEMENT OF DIABETES AND HEART DISEASE AND STROKE	93.426		
<i>ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH</i>	93.433		THOMAS JEFFERSON UNIVERSITY
<i>ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH</i>	93.433		UNIVERSITY OF PITTSBURGH
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434		
INNOVATIVE STATE AND LOCAL PUBLIC HEALTH STRATEGIES TO PREVENT AND MANAGE DIABETES AND HEART DISEASE AND STROKE-	93.435		
ACL ASSISTIVE TECHNOLOGY	93.464		
PREGNANCY ASSISTANCE FUND PROGRAM	93.500		
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505		
AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM	93.505		
<i>PUBLIC HEALTH TRAINING CENTERS PROGRAM</i>	93.516		EMORY UNIVERSITY
THE AFFORDABLE CARE ACT: BUILDING EPIDEMIOLOGY, LABORATORY, AND HEALTH INFORMATION SYSTEMS CAPACITY IN THE EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASE (ELC) AND EMERGING INFECTIONS PROGRAM (EIP) COOPERATIVE AGREEMENTS; PPHF	93.521		
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)	93.524		
PPHF CAPACITY BUILDING ASSISTANCE TO STRENGTHEN PUBLIC HEALTH IMMUNIZATION INFRASTRUCTURE AND PERFORMANCE FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDS	93.539		
MARYLEE ALLEN PROMOTING SAFE AND STABLE FAMILIES PROGRAM	93.556		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		
CHILD SUPPORT ENFORCEMENT	93.563		
CHILD SUPPORT ENFORCEMENT RESEARCH	93.564		
REFUGEE AND ENTRANT ASSISTANCE STATE/REPLACEMENT DESIGNEE ADMINISTERED PROGRAMS	93.566		
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		
COVID-19-LOW-INCOME HOME ENERGY ASSISTANCE	93.568	COVID-19	
COMMUNITY SERVICES BLOCK GRANT	93.569		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		
COVID-19-CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	COVID-19	
REFUGEE AND ENTRANT ASSISTANCE DISCRETIONARY GRANTS	93.576		
U.S. REPATRIATION	93.579		
REFUGEE AND ENTRANT ASSISTANCE TARGETED ASSISTANCE GRANTS	93.584		
STATE COURT IMPROVEMENT PROGRAM	93.586		
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		
<i>FAMILY VIOLENCE PREVENTION AND SERVICES/DISCRETIONARY</i>	93.592		AMERICAN LIBRARY ASSOCIATION
CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.596		
GRANTS TO STATES FOR ACCESS AND VISITATION PROGRAMS	93.597		
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>CHAFEE EDUCATION AND TRAINING VOUCHERS PROGRAM (ETV)</i>	93.599		
CHAFEE EDUCATION AND TRAINING VOUCHERS PROGRAM (ETV)	93.599		
CHAFEE EDUCATION AND TRAINING VOUCHERS PROGRAM (ETV)	93.599		
<i>HEAD START</i>	93.600		YMCA EARLY CHILD DEVELOPMENT CO, LLC
<i>HEAD START</i>	93.600		YMCA EARLY CHILD DEVELOPMENT CO, LLC
<i>HEAD START</i>	93.600		YMCA EARLY CHILD DEVELOPMENT CO, LLC

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$20,912	\$83,033	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,444,214	\$1,444,214	N/A	\$0
08026000R84004		-\$633	\$3,005,990	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0058440 (130293-1)		\$90,663	\$3,005,990	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$485,155	\$2,915,960	\$3,005,990	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$102,438	\$1,633,522	\$1,633,522	N/A	\$0
		\$396,397	\$396,397	N/A	\$0
	\$142,450	\$806,794	\$806,794	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,101	\$1,101	N/A	\$0
		\$33,992	\$828,145	N/A	\$0
		\$794,153	\$828,145	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T983760		\$50,000	\$50,000	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$729,767	\$729,767	N/A	\$0
		-\$9,801	-\$9,801	N/A	\$0
		-\$8,413	-\$8,413	N/A	\$0
		\$12,543,326	\$12,543,326	N/A	\$0
	\$51,347,050	\$316,046,437	\$316,046,437	N/A	\$0
	\$9,990,362	\$86,828,889	\$86,828,889	N/A	\$0
	\$483,069	\$517,388	\$517,388	N/A	\$0
	\$2,476,921	\$5,878,873	\$5,878,873	N/A	\$0
	\$95,404,314	\$97,419,946	\$97,430,166	N/A	\$0
		\$10,220	\$97,430,166	N/A	\$0
	\$18,289,707	\$19,135,004	\$19,135,004	N/A	\$0
	\$41,334,828	\$290,709,641	\$327,645,037	CCDF CLUSTER	\$411,242,274
		\$36,935,396	\$327,645,037	CCDF CLUSTER	\$411,242,274
		\$95,671	\$95,671	N/A	\$0
		\$3,892	\$3,892	N/A	\$0
	\$7,742	\$7,742	\$7,742	N/A	\$0
		\$686,318	\$686,318	N/A	\$0
	\$23,000	\$726,929	\$726,929	N/A	\$0
100000015_SFY20		\$18,001	\$18,001	N/A	\$0
		\$83,597,237	\$83,597,237	CCDF CLUSTER	\$411,242,274
	\$268,603	\$363,789	\$363,789	N/A	\$0
4.7000400000885E+16		\$3,434	\$1,857,402	N/A	\$0
		\$1,076,491	\$1,857,402	N/A	\$0
		\$777,477	\$1,857,402	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1160_54		\$17,494	\$12,509,537	HEAD START CLUSTER	\$12,509,537
1176_54		\$103,144	\$12,509,537	HEAD START CLUSTER	\$12,509,537
1181_54		\$47,719	\$12,509,537	HEAD START CLUSTER	\$12,509,537

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
HEAD START	93.600		
ADOPTION AND LEGAL GUARDIANSHIP INCENTIVE PAYMENTS	93.603		
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		
DEVELOPMENTAL DISABILITIES PROJECTS OF NATIONAL SIGNIFICANCE	93.631		
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632		
UNIVERSITY CENTERS FOR EXCELLENCE IN DEVELOPMENTAL DISABILITIES EDUCATION, RESEARCH, AND SERVICE	93.632		
ACA - REINVESTMENT OF CIVIL MONEY PENALTIES TO BENEFIT NURSING HOME RESIDENTS	93.636		
CHILDREN'S JUSTICE GRANTS TO STATES	93.643		
STEPHANIE TUBBS JONES CHILD WELFARE SERVICES PROGRAM	93.645		
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647		
<i>CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION</i>	93.648		STATE UNIVERSITY OF NEW YORK THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
<i>CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION</i>	93.648		THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
<i>CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION</i>	93.648		THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
<i>CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION</i>	93.648		THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
<i>FOSTER CARE TITLE IV-E</i>	93.658		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
FOSTER CARE TITLE IV-E	93.658		
ADOPTION ASSISTANCE	93.659		
EXTRAMURAL RESEARCH FACILITIES RESTORATION PROGRAM: HURRICANES HARVEY, MARIA, AND IRMA CONSTRUCTION	93.662		
EXTRAMURAL RESEARCH RESTORATION PROGRAM: HURRICANES HARVEY, MARIA, AND IRMA NON-CONSTRUCTION	93.663		
<i>SOCIAL SERVICES BLOCK GRANT</i>	93.667		SOUTHERN GEORGIA REGIONAL COMMISSION
SOCIAL SERVICES BLOCK GRANT	93.667		
CHILD ABUSE AND NEGLECT STATE GRANTS	93.669		
FAMILY VIOLENCE PREVENTION AND SERVICES/DOMESTIC VIOLENCE SHELTER AND SUPPORTIVE SERVICES	93.671		
JOHN H. CHAFEE FOSTER CARE PROGRAM FOR SUCCESSFUL TRANSITION TO ADULTHOOD	93.674		
<i>MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS</i>	93.732		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732		
STATE PUBLIC HEALTH APPROACHES FOR ENSURING QUITLINE CAPACITY FUNDED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.735		
<i>PPHF: RACIAL AND ETHNIC APPROACHES TO COMMUNITY HEALTH PROGRAM FINANCED SOLELY BY PUBLIC PREVENTION AND HEALTH FUNDS</i>	93.738		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH FUNDS	93.752		
CHILD LEAD POISONING PREVENTION SURVEILLANCE FINANCED IN PART BY PREVENTION AND PUBLIC HEALTH (PPHF) PROGRAM	93.753		
STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT OBESITY, DIABETES, HEART DISEASE AND STROKE (PPHF)	93.757		
PREVENTIVE HEALTH AND HEALTH SERVICES BLOCK GRANT FUNDED SOLELY WITH PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.758		
ALZHEIMER'S DISEASE INITIATIVE: SPECIALIZED SUPPORTIVE SERVICES PROJECT (ADI-SSS) THRU PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)	93.763		
CHILDREN'S HEALTH INSURANCE PROGRAM	93.767		
COVID-19-CHILDREN'S HEALTH INSURANCE PROGRAM	93.767	COVID-19	

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
	\$5,016,796	\$12,341,180	\$12,509,537	HEAD START CLUSTER	\$12,509,537
		\$1,107,199	\$1,107,199	N/A	\$0
		\$2,703,873	\$2,703,873	N/A	\$0
	\$225	\$315,576	\$315,576	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$670,467	\$1,267,167	N/A	\$0
		\$596,700	\$1,267,167	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$94,436	\$1,271,703	\$1,271,703	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$260,065	\$293,276	\$293,276	N/A	\$0
		\$11,804,287	\$11,804,287	N/A	\$0
		\$275,223	\$275,223	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011838		\$106,264	\$253,271	N/A	\$0
141368361		\$3,406	\$253,271	N/A	\$0
982905		\$87,340	\$253,271	RESEARCH AND DEVELOPMENT	\$1,146,369,265
986154		\$56,261	\$253,271	RESEARCH AND DEVELOPMENT	\$1,146,369,265
42700-040-000006230		\$163,961	\$94,904,704	N/A	\$0
	\$10,194	\$94,740,743	\$94,904,704	N/A	\$0
		\$58,640,487	\$58,640,487	N/A	\$0
		\$625,623	\$625,623	N/A	\$0
		\$129,361	\$129,361	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AAA-2019-07A		\$15,754	\$48,602,015	N/A	\$0
	\$37,318,104	\$48,586,261	\$48,602,015	N/A	\$0
		\$516,698	\$516,698	N/A	\$0
	\$2,741,056	\$2,992,471	\$2,992,471	N/A	\$0
		\$3,350,940	\$3,350,940	N/A	\$0
63828383-40		\$384,669	\$1,393,824	N/A	\$0
		\$310,689	\$1,393,824	N/A	\$0
		\$698,466	\$1,393,824	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$528,372	\$528,372	N/A	\$0
63828383-41		\$5,460	\$5,460	N/A	\$0
		-\$518	-\$518	N/A	\$0
		-\$2,692	-\$2,692	N/A	\$0
		-\$54,877	-\$54,877	N/A	\$0
	\$171,255	\$4,570,169	\$4,570,169	N/A	\$0
		\$13,352	\$13,352	N/A	\$0
		\$391,384,669	\$399,967,886	N/A	\$0
		\$8,583,217	\$399,967,886	N/A	\$0

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
STATE MEDICAID FRAUD CONTROL UNITS	93.775		
STATE SURVEY AND CERTIFICATION OF HEALTH CARE PROVIDERS AND SUPPLIERS (TITLE XVIII) MEDICARE	93.777		
MEDICAL ASSISTANCE PROGRAM	93.778		
COVID-19-MEDICAL ASSISTANCE PROGRAM	93.778	COVID-19	
OPIOID STR	93.788		
MONEY FOLLOWS THE PERSON REBALANCING DEMONSTRATION	93.791		
STATE SURVEY CERTIFICATION OF HEALTH CARE PROVIDERS AND SUPPLIERS (TITLE XIX) MEDICAID	93.796		
PAUL COVERDELL NATIONAL ACUTE STROKE PROGRAM NATIONAL CENTER FOR CHRONIC DISEASE PREVENTION AND HEALTH PROMOTION	93.810		
DOMESTIC EBOLA SUPPLEMENT TO THE EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC).	93.815		
HOSPITAL PREPAREDNESS PROGRAM (HPP) EBOLA PREPAREDNESS AND RESPONSE ACTIVITIES	93.817		
<i>HEALTH CAREERS OPPORTUNITY PROGRAM</i>	93.822		<i>EMORY UNIVERSITY</i>
<i>HEALTH CAREERS OPPORTUNITY PROGRAM</i>	93.822		<i>INFECTIOUS DISEASE RESEARCH INSTITUTE</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>BAYLOR COLLEGE OF MEDICINE</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>BOSTON CHILDREN'S HOSPITAL</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>BOSTON CHILDREN'S HOSPITAL</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>COLORADO STATE UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>EMORY UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>INDIANA UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>INDIANA UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>JOHNS HOPKINS UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>MASSACHUSETTS GENERAL HOSPITAL</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>MEDICAL COLLEGE OF WISCONSIN</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>MEDICAL COLLEGE OF WISCONSIN</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>NEW YORK MEDICAL COLLEGE</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>NEW YORK UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>ROCHESTER INSTITUTE OF TECHNOLOGY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>SUTTER HEALTH</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>TEMPLE UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>THOMAS JEFFERSON UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>UNIVERSITY OF FLORIDA</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>UNIVERSITY OF IOWA</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>UNIVERSITY OF VIRGINIA</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>UT-BATTELLE, LLC</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>WEILL CORNELL MEDICINE</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>YALE UNIVERSITY</i>
<i>CARDIOVASCULAR DISEASES RESEARCH</i>	93.837		<i>AUGDIMER, LLC</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>EMORY UNIVERSITY</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>PALO ALTO VETERANS INSTITUTE FOR RESEARCH</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>PALO ALTO VETERANS INSTITUTE FOR RESEARCH</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>UNIVERSITY OF PITTSBURGH</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>UNIVERSITY OF PITTSBURGH</i>
<i>LUNG DISEASES RESEARCH</i>	93.838		<i>UNIVERSITY OF PITTSBURGH</i>

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$3,754,764	\$3,754,764	MEDICAID CLUSTER	\$8,514,582,011
		\$5,621,596	\$5,621,596	MEDICAID CLUSTER	\$8,514,582,011
	\$72,157,354	\$8,185,049,270	\$8,505,205,651	MEDICAID CLUSTER	\$8,514,582,011
		\$320,156,381	\$8,505,205,651	MEDICAID CLUSTER	\$8,514,582,011
	\$187,556	\$23,481,349	\$23,481,349	N/A	\$0
	\$3,299,700	\$11,255,858	\$11,255,858	N/A	\$0
		\$1,903,817	\$1,903,817	N/A	\$0
		\$623,714	\$623,714	N/A	\$0
		-\$9,564	-\$9,564	N/A	\$0
		\$5,181,396	\$5,181,396	N/A	\$0
D18HP32120		\$81,619	\$67,417	N/A	\$0
SB1022UGARF2018		-\$14,202	\$67,417	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#P.O. 70000129		\$48,497	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GENFD0001603570		\$27,728	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GENFD0001664762		\$225,455	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
G6518101		\$100,124	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A022924		\$122,481	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A092263		\$93,151	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A101267		-\$2,378	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A179709		\$58,763	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A211700		\$51,603	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A292193		\$87,704	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD #: T657728		\$3,297	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T586137		\$67,236	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 8078		\$1,267	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 8089		\$4,474	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 2004437443		\$280,434	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PROTOCOL #: A5332		\$1,665	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5P01HL116264		\$294,184	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5R01HL137748		\$286,353	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO 123102		\$55,617	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012845		\$6,612	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
32433-01		\$2,822	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
280201017-S249		\$196,131	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 260382-AURI		\$16,010	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO 080-18007-S02203		\$109,688	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011943		\$27,546	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011476		\$124,394	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GB10347 2133564		\$110,155	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4000128353		\$6,413	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012815		\$43,738	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD#: GR106003 (CON-80001748)		\$2,417	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,441,203	\$24,508,970	\$26,962,551	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 33486-1		\$47,448	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T863524/A029070/A191373		\$213,824	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NIM0003-03		\$3,122	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NIM0013-03		\$53,544	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CNV0056302 (130179-1)		\$17,297	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CNVA00046691 (131692-42)		\$4,834	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CNVA00055772 (130240-1)		\$236,041	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>LUNG DISEASES RESEARCH</i>	93.838		WAYNE STATE UNIVERSITY
LUNG DISEASES RESEARCH	93.838		
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		CETYA THERAPEUTICS, INC.
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		CETYA THERAPEUTICS, INC.
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		EMORY UNIVERSITY
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		EMORY UNIVERSITY
			GEORGIA SOUTHERN UNIVERSITY
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		RESEARCH AND SERVICE FOUNDATION, INC.
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		TEMPLE UNIVERSITY
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		TEMPLE UNIVERSITY
			THE NATIONAL MARROW DONOR PROGRAM
<i>BLOOD DISEASES AND RESOURCES RESEARCH</i>	93.839		
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		
<i>ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH</i>	93.846		COLUMBIA UNIVERSITY
<i>ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH</i>	93.846		PRINCETON UNIVERSITY
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		BAYLOR COLLEGE OF MEDICINE
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		EMORY UNIVERSITY
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		HGG RESEARCH, LLC
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		INFRARED RX, INC.
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		MAYO CLINIC, ROCHESTER
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		TEXAS A&M AGRILIFE EXTENSION SERVICE
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF CALIFORNIA, SAN DIEGO
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF FLORIDA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF MARYLAND
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF NORTH CAROLINA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF NORTH CAROLINA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF NORTH CAROLINA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF SOUTH FLORIDA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF SOUTH FLORIDA
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF UTAH
<i>DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH</i>	93.847		UNIVERSITY OF UTAH
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		ADVANCED BIOMEDICAL INFORMATICS GROUP, LLC
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		ARUNA BIOMEDICAL, INC.

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
WSU20014		\$63,693	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$824,192	\$3,973,351	\$4,613,154	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO 35490		\$10,900	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 00034144		\$164,181	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A035610		\$92,025	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010315		\$1,759	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-42		\$25,783	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012642		\$345,282	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012644		\$60,932	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PROTOCOL BMT CTN1506- 2215-0304		\$763	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$44,276	\$1,111,877	\$1,813,502	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2(GG014632-01)		\$51,274	\$2,259,245	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB0000252		\$83,607	\$2,259,245	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$8,971	\$2,124,364	\$2,259,245	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010461		-\$777	\$15,393,748	N/A	\$0
7000000244		-\$1	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#T663443		\$124,163	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A054794		\$12,332	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T701369		\$23,436	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T701372		\$12,447	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R41DK121553		\$47,746	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00011281		\$74,263	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GEO-235217/PO#65641111		\$8,373	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD #M2001963 DKNET COORDINATING UNIT: AN INFORMATION NETWORK FOR FAIR RESCS & DATA		\$2,376	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$242,408	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007686		\$68,098	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011270		\$12,170	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD # 5111860		\$210,055	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 5113996		\$11,954	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 5112092		\$26,383	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 6163-1050-00-E SUBAWARD NO: 6163-1042 TEDDY UC4-4		\$472,935	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$7,301	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1004050002		\$24,009	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
10040500-32		\$22,084	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$4,262,874	\$14,006,595	\$15,393,748	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012269		\$238,469	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00007783		-\$11,175	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		CASE WESTERN RESERVE UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		DUKE UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMMES CORPORATION
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMORY UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMORY UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMORY UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMORY UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		EMORY UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MASSACHUSETTS GENERAL HOSPITAL
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MASSACHUSETTS INSTITUTE OF TECHNOLOGY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MEDICAL UNIVERSITY OF SOUTH CAROLINA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MEDICAL UNIVERSITY OF SOUTH CAROLINA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MEDICAL UNIVERSITY OF SOUTH CAROLINA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		MERCER UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		OREGON HEALTH AND SCIENCE UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		STANFORD UNIVERSITY
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF CALIFORNIA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF CALIFORNIA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF VIRGINIA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF VIRGINIA
<i>EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS</i>	93.853		UNIVERSITY OF HOUSTON-CLEAR LAKE
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		UNIVERSITY OF NORTH CAROLINA
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		BOSTON UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		BOSTON UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		BRIGHAM AND WOMEN'S HOSPITAL
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		CAMELLIX, LLC
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		CASE WESTERN RESERVE UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		DUKE UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		DUKE UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		DUKE UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		EMORY UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		EMORY UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		EMORY UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		EMORY UNIVERSITY
<i>ALLERGY AND INFECTIOUS DISEASES RESEARCH</i>	93.855		EMORY UNIVERSITY

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
SUBAWARD NO RES513170		\$134,549	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013118		\$11,429	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
POINT STUDY		\$3,129	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A186959		\$286,558	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A204324		\$208,154	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A308633		\$156,496	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T990238		\$533	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0255-A441-4609		\$254,167	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1R15NS100632-01		\$138,142	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
232958		\$16,472	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#64620		\$276,268	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A00-4016-S002		\$170,482	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD #: A00-4016-S001 PO#:363594		\$25,718	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD #: MUSC18-107-8D574		\$9,015	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UGA-420740 SUBAWARD 1013756_AUGUSTA		\$26,276	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB #61854954-125439		\$10,145	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8936		\$49,031	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
8937		\$36,515	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB 8445 (U54 NS065705)		\$14,493	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010330		\$32,453	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB: 10253-155959		\$35,729	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$866,674	\$10,240,837	\$12,462,398	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP00013235		\$48,848	\$30,479,187	N/A	\$0
CON009497		-\$30	\$30,479,187	N/A	\$0
#-4500002698		\$72,992	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
4500002639		\$135,056	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
REPRIEVE TRIAL (A5332)		-\$1,957	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD # 33371-1		\$203,804	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RES514756		\$105,667	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#2037820		\$23,572	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7136 (EVADE)		-\$1,695	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
7136 (SAATELLITE)		-\$2,608	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A007606		\$8,976	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A016182		-\$36,286	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A085091		\$91,787	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A102176		\$65,060	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A175705		\$74,974	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
A237526		\$44,008	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGREEMENT DTD 8/30/19		\$24,825	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012474		\$10,410	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T365272, A122881		\$74,899	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T715255		\$101,862	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T939590		\$82,102	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T966688		\$95,037	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T970397		\$390,412	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ROSS		\$564,798	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008860		\$3,478	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011131		\$385,818	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-43		\$7,771	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
313-01		\$127,824	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD B23829AURI		\$44,318	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009022		\$7,725	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009947		\$87,485	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
F8802-12		\$191	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
50049178050		\$404,568	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
50065378050		\$280,948	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RNXTB0001160401		\$12,173	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
12162016		\$11,850	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
61989439-131451		\$199,829	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
M1802379		\$16,502	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
30636UG		\$39,475	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R1061806		\$45,930	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R1215574		\$29,024	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RRFNY0001100101		\$229,168	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5-53830		\$263,811	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
700000308		\$156,998	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007819		\$56,052	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010953		\$54,750	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RTRELO001159001		\$454	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
000521058-001		\$79,493	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
000521324-002		\$70,971	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
409281		\$17,378	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RUCSC0001124801		\$144,730	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP00013235		\$41,420	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S0061901		\$11,401	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S01421-01		\$25,035	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S01492-01		\$2,066	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3301361		\$173,894	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
87100-01		\$286,258	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ULRF-17-0481-01		\$106,336	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3004744318		\$83,145	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
FLU 006 IVIG/GENOMICS 004		-\$5,205	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
N007031402		\$14,345	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
576610		\$168,766	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010430		\$22,778	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011900		\$218,807	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

Federal Awarding Agency/Program Title	Federal CFDA Number	Additional Award Identification (Optional)	Name of Funder Pass-Through Entity
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF PENNSYLVANIA
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF PITTSBURGH
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF RHODE ISLAND
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF RHODE ISLAND
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF TEXAS AT AUSTIN
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		VAXNEWMO
			VIRGINIA COMMONWEALTH UNIVERSITY
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		WASHINGTON STATE UNIVERSITY
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		
MICROBIOLOGY AND INFECTIOUS DISEASES RESEARCH	93.856		EMORY UNIVERSITY
NATIONAL COLLABORATION TO SUPPORT HEALTH, WELLNESS AND ACADEMIC SUCCESS OF SCHOOL-AGE CHILDREN	93.858		NATIONAL NETWORK OF PUBLIC HEALTH INSTITUTES
			NATIONAL NETWORK OF PUBLIC HEALTH INSTITUTES
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		BOSTON UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		EMORY UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		FRED HUTCHINSON CANCER RESEARCH CENTER
			FRED HUTCHINSON CANCER RESEARCH CENTER
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		GEORGETOWN UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HARVARD UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HARVARD UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HARVARD UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		JOHNS HOPKINS UNIVERSITY
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
			KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		NEW YORK UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		PENNSYLVANIA STATE UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		THE SCRIPPS RESEARCH INSTITUTE
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF ALASKA
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF MISSISSIPPI
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY OF SAN FRANCISCO
			UNIVERSITY OF TEXAS MD ANDERSON CANCER
			UNIVERSITY OF WISCONSIN - MADISON
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		VIAMUNE, INC.
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		YALE UNIVERSITY
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
CON012890		\$34,825	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00000201 (132514-1)		\$13,041	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010045		\$36,512	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013767		\$327	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UTA16000613		\$21,378	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RVXX0001029101		\$144,678	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012679		\$13,269	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON008509		\$181,679	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$6,025,323	\$23,929,205	\$30,479,187	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A295128		\$14,570	\$14,570	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013324		\$11,818	\$11,818	N/A	\$0
CON012796		\$4,000	\$26,037,443	N/A	\$0
		\$179,710	\$26,037,443	N/A	\$0
4500003365		\$45,599	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A003475		\$25,786	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A019860		\$387	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T648908 (T379665)		\$583	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T648908 T379665		\$8,928	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T674760		\$0	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
909144		-\$195	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
947463		\$195	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD7772899GR205576		\$191,086	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
133233-5068506		\$11,254	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
133286-5112927		\$93,068	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 2004422271		\$125,081	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1R01GM102336-01A1		\$849	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1R15GM11063-01S1		\$28,514	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1R15GM129771-01		\$158,430	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5R01GM116889-02		\$48,737	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
5R25GM111565-02		\$205,616	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R15GM110678		\$13,541	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
R43GM128494		\$18,085	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
17-A1-00-007405-01		\$102,712	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
S000174DHHS		\$38,781	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
553332		\$26,996	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
POS16272		\$591	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1909020		\$26,578	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011473		\$21,904	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3001093383		\$13,638	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#856K520		\$137,682	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD00011586		\$51,195	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GR107185(CON80001879)		\$105,302	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,203,428	\$24,352,810	\$26,037,443	RESEARCH AND DEVELOPMENT	\$1,146,369,265

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
7R01HD087411-03		\$280,865	\$11,855,762	N/A	\$0
CON012385		\$10,206	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005387		\$8,848	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A081027		\$20,074	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T696074		\$7,271	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T949806		\$1,421	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007696		\$105,825	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-44		\$5,789	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON010470		\$15,212	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
50063478050		\$20,521	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP0042891PROJ0012059		\$32,224	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 2018098AU-01		\$13,454	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
25999		\$29,148	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011175		\$44,149	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011586		\$50,802	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00012163		\$6,361	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
088509-17422		\$28,394	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013498		\$2,409	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
0048860 1268736		\$35	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AWD000004431329701		\$18,155	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CNVA00048860(126873-9)		\$13,430	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GMO190806PO0000001829		\$22,138	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012523		\$8,969	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GR101488 CON80001022		\$198,016	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD #: M14A12034 A09569		\$2,280	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD #: M14A12034 A10541		\$25,134	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,394,178	\$10,884,632	\$11,855,762	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP00013580		\$12,291	\$11,426,352	N/A	\$0
1R15AG059210-01A1		\$33,579	\$11,426,352	N/A	\$0
AME17ROBOTASSIST21		\$45,340	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RAUDC0000971401		\$322,591	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ASUB00000294		\$17,461	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1R43AG0651240151		\$83,896	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>AGING RESEARCH</i>	93.866		EMORY UNIVERSITY
<i>AGING RESEARCH</i>	93.866		EMORY UNIVERSITY
<i>AGING RESEARCH</i>	93.866		EMORY UNIVERSITY
<i>AGING RESEARCH</i>	93.866		EMORY UNIVERSITY
<i>AGING RESEARCH</i>	93.866		EMORY UNIVERSITY
<i>AGING RESEARCH</i>	93.866		KAISER FOUNDATION RESEARCH INSTITUTE
<i>AGING RESEARCH</i>	93.866		MAYO CLINIC, ROCHESTER
<i>AGING RESEARCH</i>	93.866		MAYO CLINIC, ROCHESTER
<i>AGING RESEARCH</i>	93.866		OREGON HEALTH AND SCIENCE UNIVERSITY
<i>AGING RESEARCH</i>	93.866		PURDUE UNIVERSITY
<i>AGING RESEARCH</i>	93.866		SAN FRANCISCO STATE UNIVERSITY
<i>AGING RESEARCH</i>	93.866		TENNESSEE STATE UNIVERSITY
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF ARIZONA
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF ARIZONA
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF MICHIGAN
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF MINNESOTA
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF NORTH CAROLINA
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF PENNSYLVANIA
<i>AGING RESEARCH</i>	93.866		UNIVERSITY OF SOUTHERN CALIFORNIA
<i>AGING RESEARCH</i>	93.866		WAKE FOREST UNIVERSITY
<i>AGING RESEARCH</i>	93.866		WAKE FOREST UNIVERSITY
<i>AGING RESEARCH</i>	93.866		WEILL CORNELL MEDICINE
<i>AGING RESEARCH</i>	93.866		
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		EMORY UNIVERSITY
<i>VISION RESEARCH</i>	93.867		NORTHWESTERN UNIVERSITY
<i>VISION RESEARCH</i>	93.867		SIGNABLOK, INC.
<i>VISION RESEARCH</i>	93.867		UNIVERSITY OF TEXAS AT AUSTIN
<i>VISION RESEARCH</i>	93.867		
<i>VISION RESEARCH</i>	93.867		WAKE FOREST UNIVERSITY
<i>VISION RESEARCH</i>	93.867		
<i>MATERNAL, INFANT AND EARLY CHILDHOOD HOME VISITING GRANT</i>	93.870		
<i>ASSISTANCE FOR ORAL DISEASE PREVENTION AND CONTROL</i>	93.875		
<i>ANTIMICROBIAL RESISTANCE SURVEILLANCE IN RETAIL FOOD SPECIMENS</i>	93.876		
<i>AUTISM COLLABORATION, ACCOUNTABILITY, RESEARCH, EDUCATION, AND SUPPORT</i>	93.877		UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
<i>MEDICAL LIBRARY ASSISTANCE</i>	93.879		
<i>MEDICAL LIBRARY ASSISTANCE</i>	93.879		
<i>GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT</i>	93.884		
<i>NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM</i>	93.889		
<i>CANCER PREVENTION AND CONTROL PROGRAMS FOR STATE, TERRITORIAL AND TRIBAL ORGANIZATIONS</i>	93.898		
<i>GRANTS TO STATES FOR OPERATION OF STATE OFFICES OF RURAL HEALTH</i>	93.913		
<i>HIV CARE FORMULA GRANTS</i>	93.917		RICHMOND COUNTY HEALTH DEPARTMENT
<i>HIV CARE FORMULA GRANTS</i>	93.917		RICHMOND COUNTY HEALTH DEPARTMENT
<i>HIV CARE FORMULA GRANTS</i>	93.917		

Indented and italicized award lines indicate pass-through funding.
The accompanying notes are an integral part of this schedule.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
A007350		\$37,609	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A054728		\$8,094	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON005226		\$42,402	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009607		\$15,448	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP00013580		-\$162,215	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013152		\$28,362	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GEO-233617/PO#65936217		\$193,490	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GEO-233617/PO#67304962		\$42,241	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1007456UGRF		\$285,605	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
11000893-005		\$24,880	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011347		\$59,405	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011196		\$1,348	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
420569		\$397,762	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO 486746		\$48,910	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBK00008360		\$254,534	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011031		\$67,981	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#5111414		\$149,048	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
574030		\$57,514	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD 117946135		\$2,089	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD #:WFUHS 553283		\$342,957	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. WFUHS 115238		\$182	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ADV PROJECT- SUB W/WCM		\$98,024	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#A043837	\$1,037,192	\$8,915,524	\$11,426,352	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A051015		\$117,215	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A149870		\$43,465	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A149870		\$66,010	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A264575		\$19,015	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON009883		\$79,361	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012379		\$8,485	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012952		\$10,729	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013833		\$4,467	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013900		\$1,350	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SP00013858		-\$160	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SPO028943-PROJ0007598		\$102,319	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUB AWARD NO. 33962-1		\$41,179	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UTA20-000161		\$27,234	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
SUBAWARD NO. 100000- 550102		\$38,141	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$301,238	\$7,100,133	\$7,658,943	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$8,458,483	\$8,458,483	N/A	\$0
		-\$1,477	-\$1,477	N/A	\$0
		\$103,590	\$103,590	N/A	\$0
		\$77,425	\$77,425	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON007679		\$27,056	\$112,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$15,394	\$85,759	\$112,815	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$137,216	\$137,216	N/A	\$0
		\$5,505,716	\$5,505,716	N/A	\$0
		\$4,714,205	\$4,714,205	N/A	\$0
		\$176,121	\$176,121	N/A	\$0
EMERGING COMMUNITIES PROJECT		\$10,874	\$78,033,433	N/A	\$0
RYAN WHITE PART B PROGRAM		\$27,680	\$78,033,433	N/A	\$0
		\$77,882,712	\$78,033,433	N/A	\$0

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
		\$112,167	\$78,033,433	N/A	\$0
		\$4,052,007	\$4,052,007	N/A	\$0
		\$65,844	\$65,844	N/A	\$0
63828383-45		\$918,095	\$1,546,595	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$628,500	\$1,546,595	STUDENT FINANCIAL ASSISTANCE	\$2,208,447,042
		\$890,972	\$890,972	N/A	\$0
		\$16,102,199	\$16,102,199	N/A	\$0
		\$1,024,804	\$1,024,804	N/A	\$0
		-\$2,940	-\$2,940	N/A	\$0
		\$251,232	\$251,232	N/A	\$0
	\$7,337,651	\$16,753,978	\$16,753,978	N/A	\$0
	\$36,889,110	\$53,770,247	\$53,770,247	N/A	\$0
T674525		\$206,530	\$263,680	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T807472 5P01A1125180-02		\$57,150	\$263,680	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$10,000	\$170,327	N/A	\$0
A278083		\$36,009	\$170,327	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON011765		\$89,747	\$170,327	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON013256		\$34,571	\$170,327	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$3,569,845	\$3,569,845	N/A	\$0
CON013095		\$27,570	\$2,981,322	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T846281 / A019177		\$18,161	\$2,981,322	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$293,040	\$2,935,591	\$2,981,322	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		-\$1,416	-\$1,416	RESEARCH AND DEVELOPMENT	\$1,146,369,265
GENFD0001493133		\$65,689	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1242101		\$75,142	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
141773		\$30,267	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A031295		\$21,432	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A171995		\$78,986	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A230010		\$24,761	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
A251903		\$7,805	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
COLLABORATION AGMT DTD		\$88,025	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T783523		\$84,829	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
T846705		\$33,769	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-IMS-SC-GT001		-\$152	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
2017-IMS-SC-GT002		\$307	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
60047538 GIT		\$173,298	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 04/20/18		\$15,370	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR DTD 10/01/2017		\$24,261	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
9R44GM130282-02		\$57,263	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
3301362		\$88	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ULRF 17-0029-01		\$132,115	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
215830A		\$298,588	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$259,870	\$2,234,124	\$3,445,967	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$17,484,245	\$17,665,805	N/A	\$0
52313		\$181,560	\$17,665,805	RESEARCH AND DEVELOPMENT	\$1,146,369,265
112187041-7839847		-\$1,283	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$72,865	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
1920-152-0103-A9		\$36,919	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>SBIR PHASE 1: ADJUVANT DEVELOPMENT FOR THERMOSTABL</i>	<i>93.RD</i>	<i>2722-S1</i>	<i>UNIVERSAL STABILIZATION TECHNOLOGIES, INC.</i>
<i>DOD UI TOOL, LLC SUBAWARD</i>	<i>93.RD</i>	<i>39G0750</i>	<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>INTEGRATED INFORMATICS RESOURCES FOR EUKARYOTIC MI</i>	<i>93.RD</i>	<i>43205</i>	<i>UNIVERSITY OF PENNSYLVANIA</i>
<i>SBIR - NITRIC OXIDE RELEASING ULTRA-SLIPPERY ANTIB</i>	<i>93.RD</i>	<i>75D3011P06553</i>	<i>INNOVETA BIOMEDICAL, LLC</i>
<i>THE HARVEST INITIATIVE: ON FARM ENVIRONMENTAL SAMP</i>	<i>93.RD</i>	<i>75F40119P10265</i>	
<i>CENTER FOR INFLUENZA VACCINE RESEARCH FOR HIGH RIS</i>	<i>93.RD</i>	<i>75N93019C00052</i>	
<i>THERMOSTABLE LIVE ATTENUATED INFLUENZA VACCINE FOR</i>	<i>93.RD</i>	<i>95855S1</i>	<i>UNIVERSAL STABILIZATION TECHNOLOGIES, INC.</i>
<i>NATURAL HISTORY STUDY OF THE DEVELOPMENT OF TYPE 1 DIABETES (TRIALNET)</i>	<i>93.RD</i>	<i>HHSN267200800019C</i>	<i>UNIVERSITY OF SOUTH FLORIDA</i>
<i>PRE-CLINICAL MODELS OF INFECTIOUS DISEASES - ALTER</i>	<i>93.RD</i>	<i>HHSN27200003</i>	
<i>PRE-CLINICAL MODELS OF INFECTIOUS DISEASES: TASK C.</i>	<i>93.RD</i>	<i>HHSN2722017000351</i>	
<i>SOUTHEAST REGIONAL COLLABORATIVE ACCESS TEAM CARE IMPROVEMENT</i>	<i>93.RD</i>	<i>P18001</i>	<i>LEIDOS, INC.</i>
<i>CEIRS DISTRIBUTED INFLUENZA GENOMIC SEQUENCING (DI</i>	<i>93.RD</i>	<i>RACUM0001071501</i>	<i>ACUMEN, LLC</i>
<i>STTR PHASE I: EVALUATING THE SOFTWARE NAVIGATION S</i>	<i>93.RD</i>	<i>RJHOP0001147601</i>	<i>JOHNS HOPKINS UNIVERSITY</i>
<i>COVID-19-DPH LAB CDC¹</i>	<i>93.U28</i>	<i>UGA20190401</i>	<i>3T TECHNOLOGIES, LLC</i>
<i>CDC IPA AGREEMENT</i>	<i>93.U29</i>	<i>COVID-19 DPH_LAB_SFY20</i>	
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES			
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE			
<i>STATE COMMISSIONS</i>	<i>94.003</i>		
<i>AMERICORPS</i>	<i>94.006</i>		<i>JUMPSTART FOR YOUNG CHILDREN, INC.</i>
<i>AMERICORPS</i>	<i>94.006</i>		<i>JUMPSTART FOR YOUNG CHILDREN, INC.</i>
<i>AMERICORPS</i>	<i>94.006</i>		
<i>AMERICORPS</i>	<i>94.006</i>		<i>CLARKE COUNTY SCHOOL DISTRICT</i>
<i>AMERICORPS</i>	<i>94.006</i>		
<i>TRAINING AND TECHNICAL ASSISTANCE</i>	<i>94.009</i>		
<i>VOLUNTEERS IN SERVICE TO AMERICA</i>	<i>94.013</i>		
<i>SENIOR COMPANION PROGRAM</i>	<i>94.016</i>		<i>GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.</i>
<i>NATIONAL SERVICE AND CIVIC ENGAGEMENT RESEARCH COMPETITION</i>	<i>94.026</i>		
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE			
EXECUTIVE OFFICE OF THE PRESIDENT			
<i>HIGH INTENSITY DRUG TRAFFICKING AREAS PROGRAM</i>	<i>95.001</i>		<i>CITY OF ATLANTA</i>
<i>HIGH INTENSITY DRUG TRAFFICKING AREAS PROGRAM</i>	<i>95.001</i>		
<i>HIGH INTENSITY DRUG TRAFFICKING AREAS PROGRAM</i>	<i>95.001</i>		<i>UNIVERSITY OF TEXAS AT DALLAS</i>
TOTAL EXECUTIVE OFFICE OF THE PRESIDENT			
SOCIAL SECURITY ADMINISTRATION			
<i>SOCIAL SECURITY DISABILITY INSURANCE</i>	<i>96.001</i>		
<i>SOCIAL SECURITY - WORK INCENTIVES PLANNING AND ASSISTANCE PROGRAM</i>	<i>96.008</i>		
TOTAL SOCIAL SECURITY ADMINISTRATION			
DEPARTMENT OF HOMELAND SECURITY			

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

1 - COVID-19 non-monetary amounts are unaudited.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
2722-S1		\$123,830	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-46		\$9,212	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
43205		\$1,280,585	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
75D3011P06553		\$30,635	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$67,381	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,215,142	\$4,567,085	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
95855S1		\$171,585	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
NATURAL HISTORY STUDY OF THE DEVELOPMENT OF TYPE 1 DIABETES (TRIALNET)					
		\$43,818	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$1,394,240	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$316,838	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
P18001		\$799,380	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RACUM0001071501		\$95,893	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RJHOP0001147601		\$41,929	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UGA20190401		\$1,835	\$9,052,747	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$52,456	\$52,456	\$52,456	N/A	\$0
		\$44,412	\$44,412	N/A	\$0
	\$465,260,322	\$10,899,646,940			
		\$439,066	\$439,066	N/A	\$0
CON010186		\$29	\$3,146,051	N/A	\$0
CON012548		\$35,125	\$3,146,051	N/A	\$0
	\$2,696,661	\$2,735,370	\$3,146,051	N/A	\$0
SCLCDRE772007CV		\$1,096	\$3,146,051	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$374,431	\$3,146,051	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$5,884	\$63,481	\$63,481	N/A	\$0
		\$29,346	\$29,346	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-47		\$169,938	\$169,938	FOSTER GRANDPARENT/SENIOR COMPANION CLUSTER	\$169,938
	\$31,703	\$107,900	\$107,900	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$2,734,248	\$3,955,782			
G15GA003A		\$42,547	\$166,622	N/A	\$0
		\$94,496	\$166,622	N/A	\$0
1806767		\$29,579	\$166,622	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$166,622			
		\$63,071,918	\$63,071,918	DISABILITY INSURANCE/SSI CLUSTER	\$63,071,918
		\$300,000	\$300,000	N/A	\$0
		\$63,371,918			

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
STATE AND LOCAL HOMELAND SECURITY NATIONAL TRAINING PROGRAM	97.005		SCIENTIFIC RESEARCH CORPORATION
STATE AND LOCAL HOMELAND SECURITY NATIONAL TRAINING PROGRAM	97.005		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
STATE AND LOCAL HOMELAND SECURITY NATIONAL TRAINING PROGRAM	97.005		ZETA ASSOCIATES, INC.
STATE AND LOCAL HOMELAND SECURITY NATIONAL TRAINING PROGRAM	97.005		
NON-PROFIT SECURITY PROGRAM	97.008		
BOATING SAFETY FINANCIAL ASSISTANCE	97.012		
COMMUNITY ASSISTANCE PROGRAM STATE SUPPORT SERVICES ELEMENT (CAP-SSSE)	97.023		
FLOOD MITIGATION ASSISTANCE	97.029		
CRISIS COUNSELING	97.032		
COVID-19-DISASTER GRANTS - PUBLIC ASSISTANCE (PRESIDENTIALLY DECLARED DISASTERS) ¹	97.036	COVID-19	
HAZARD MITIGATION GRANT	97.039		
NATIONAL DAM SAFETY PROGRAM	97.041		
EMERGENCY MANAGEMENT PERFORMANCE GRANTS	97.042		
STATE FIRE TRAINING SYSTEMS GRANTS	97.043		
COOPERATING TECHNICAL PARTNERS	97.045		
FIRE MANAGEMENT ASSISTANCE GRANT	97.046		
FIRE MANAGEMENT ASSISTANCE GRANT	97.046		
PRE-DISASTER MITIGATION	97.047		
PORT SECURITY GRANT PROGRAM	97.056		
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		ARIZONA STATE UNIVERSITY
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		ARIZONA STATE UNIVERSITY
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		ARIZONA STATE UNIVERSITY
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		GEORGE MASON UNIVERSITY
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		IEM
<i>CENTERS FOR HOMELAND SECURITY</i>	97.061		UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
<i>HOMELAND SECURITY GRANT PROGRAM</i>	97.067		GEORGIA SOUTHERN UNIVERSITY RESEARCH AND SERVICE FOUNDATION, INC.
<i>HOMELAND SECURITY GRANT PROGRAM</i>	97.067		KENNESAW STATE UNIVERSITY RESEARCH AND SERVICE FOUNDATION
HOMELAND SECURITY GRANT PROGRAM	97.067		
HOMELAND SECURITY RESEARCH, DEVELOPMENT, TESTING, EVALUATION, AND DEMONSTRATION OF TECHNOLOGIES RELATED TO NUCLEAR THREAT DETECTION	97.077		
EARTHQUAKE CONSORTIUM	97.082		
FEDERAL OVERTIME AGREEMENTS	97.U30	ICE AGREEMENTS	
TOTAL DEPARTMENT OF HOMELAND SECURITY			
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT			
			DEVELOPMENT INNOVATIONS GROUP
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		FHI 360
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		FHI 360
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		MICHIGAN STATE UNIVERSITY
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		MICHIGAN STATE UNIVERSITY
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		OKLAHOMA STATE UNIVERSITY
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		TUFTS UNIVERSITY
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		TUFTS UNIVERSITY
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		UNIVERSITY OF FLORIDA
<i>USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS</i>	98.001		UNIVERSITY OF FLORIDA
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		
<i>USAID DEVELOPMENT PARTNERSHIPS FOR UNIVERSITY COOPERATION AND DEVELOPMENT</i>	98.012		MICHIGAN STATE UNIVERSITY

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

1 - COVID-19 non-monetary amounts are unaudited.

State of Georgia

Identifying Number Assigned By Funder Pass-Through Entity	Total Amount Provided to Sub-Recipients	Federal Expenditures	Federal Program Total	Cluster Name	Cluster Total
SR20180956		\$240,762	\$630,330	RESEARCH AND DEVELOPMENT	\$1,146,369,265
077083-16371		\$226,689	\$630,330	RESEARCH AND DEVELOPMENT	\$1,146,369,265
173118LS-GTARC-01		\$114,245	\$630,330	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$26,052	\$48,634	\$630,330	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$297,137	\$297,137	\$297,137	N/A	\$0
		\$688,400	\$688,400	N/A	\$0
		\$259,516	\$259,516	N/A	\$0
	\$1,900	\$5,965	\$5,965	N/A	\$0
		\$566,086	\$566,086	N/A	\$0
	\$121,595,857	\$159,484,186	\$159,484,186	N/A	\$0
	\$3,179,034	\$4,649,311	\$4,649,311	N/A	\$0
		\$48,868	\$48,868	N/A	\$0
	\$2,744,166	\$8,333,496	\$8,333,496	N/A	\$0
		\$5	\$5	N/A	\$0
		\$3,957,182	\$3,957,182	N/A	\$0
	\$257,736	\$257,736	\$735,241	N/A	\$0
		\$477,505	\$735,241	N/A	\$0
	\$556,830	\$559,063	\$559,063	N/A	\$0
		\$1,207,367	\$1,207,367	N/A	\$0
18-310		-\$5,072	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
18-341		-\$16,827	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
ASUB00000286		\$29,475	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
CON012833		\$43,835	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AGR 2013-002		\$11,244	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
077083-17698		\$971	\$63,626	RESEARCH AND DEVELOPMENT	\$1,146,369,265
63828383-48		\$751	\$13,908,314	N/A	\$0
EMW-2018-SS-00067-S01		\$688	\$13,908,314	N/A	\$0
	\$10,102,247	\$13,906,875	\$13,908,314	N/A	\$0
	\$117,160	\$758,104	\$758,104	RESEARCH AND DEVELOPMENT	\$1,146,369,265
		\$19,094	\$19,094	N/A	\$0
		\$7,313	\$7,313	N/A	\$0
	<u>\$138,878,119</u>	<u>\$196,178,604</u>			
T3		\$19,515	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
#PO16003387		\$284,753	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
PO20000139	\$83,555	\$476,603	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC102095		\$11,117	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC102095GHANA		\$2,250	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AB-5-1880-FVSU		\$190	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AID944 / EP0194377		\$91,378	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
AID0AAL1000006		\$329,951	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00011518		\$27,754	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
UFDSP00012175		\$69,621	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$1,748,641	\$3,694,807	\$5,007,939	RESEARCH AND DEVELOPMENT	\$1,146,369,265
RC104292		\$562	\$562	RESEARCH AND DEVELOPMENT	\$1,146,369,265

**Schedule of Expenditures of Federal Awards
For the Fiscal Year Ended June 30, 2020**

<i>Federal Awarding Agency/Program Title</i>	<i>Federal CFDA Number</i>	<i>Additional Award Identification (Optional)</i>	<i>Name of Funder Pass-Through Entity</i>
<i>HER TIME: A TIME USE STUDY OF WOMEN PARTICIPATING</i>	98.RD	0000000470	COOPERATIVE ASSISTANCE AND RELIEF EVERYWHERE (CARE)
COVID-19-DPH WAREHOUSE 2 ¹	98.U31	COVID-19 DPH_WH2_SF20	
TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT			
MISCELLANEOUS			
GEORGIA TASK FORCE	99.U32	FS11901	
VA ADMIN & REPORTING FEES	99.U33	11000111	
TOTAL MISCELLANEOUS			
TOTAL EXPENDITURE OF FEDERAL AWARDS			

Indented and italicized award lines indicate pass-through funding.

The accompanying notes are an integral part of this schedule.

1 - COVID-19 non-monetary amounts are unaudited.

State of Georgia

<i>Identifying Number Assigned By Funder Pass-Through Entity</i>	<i>Total Amount Provided to Sub-Recipients</i>	<i>Federal Expenditures</i>	<i>Federal Program Total</i>	<i>Cluster Name</i>	<i>Cluster Total</i>
470	\$101,785	\$131,202	\$131,202	RESEARCH AND DEVELOPMENT	\$1,146,369,265
	\$817,575	\$817,575	\$817,575	N/A	\$0
	<u>\$2,751,556</u>	<u>\$5,957,278</u>			
		\$169,692	\$169,692	N/A	\$0
		\$3,262	\$3,262	N/A	\$0
		<u>\$172,954</u>			
	<u>\$3,166,600,653</u>	<u>\$32,526,245,439</u>			

NOTE 1. SIGNIFICANT ACCOUNTING POLICIES

The accompanying Schedule of Expenditures of Federal Awards (Schedule) is a supplementary schedule to the State's basic financial statements presented in the State of Georgia *Comprehensive Annual Financial Report (CAFR)* for the fiscal year ended June 30, 2020.

A. Basis of Presentation

The information in the Schedule is presented in accordance with Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the State, it is not intended to and does not present the financial position, changes in net position, or cash flows of the State.

1. **Federal Financial Assistance** – The Uniform Guidance defines federal financial assistance as assistance that non-federal entities receive or administer in the form of grants, loans, loan guarantees, non-cash contributions or donations of property (including donated surplus property), cooperative agreements, interest subsidies, insurance, food commodities, direct appropriations, and other financial assistance.
2. **Catalog of Federal Domestic Assistance (CFDA) Number** – The Schedule presents total expenditures for each federal financial assistance program and the CFDA number assigned to the program. For programs that have not been assigned a CFDA number, the number shown in the Schedule is the federal agency's 2-digit prefix followed by "U" and a two digit number or by "RD" if the program is part of the Research and Development (R&D) cluster.
3. **Cluster of Programs** – A grouping of closely related programs with different CFDA numbers that share common compliance requirements is considered a cluster of programs. The Schedule presents the total federal awards expended for the R&D cluster, Student Financial Assistance cluster, and other clusters that are mandated by OMB in the most recent Compliance Supplement.
4. **Direct and Pass-through Federal Financial Assistance** – The State receives federal financial assistance directly from federal awarding agencies or indirectly from pass-through entities. A pass-through entity (PTE) is a non-federal entity that provides a subaward to a subrecipient to carry out part of a federal program. For federal assistance that the State received as a subrecipient, the name of the PTE and the identifying number assigned by the PTE are identified in the Schedule.
5. **Amount Provided to Subrecipients** – The amount of federal assistance that the State provided to subrecipients under each federal program is presented in a separate column in the Schedule. A subrecipient is an entity that receives a subaward from a PTE to carry out part of a federal program.
6. **Transactions Between State Organizations** – When federal financial assistance is received by one State organization and passed through to another State organization, the federal financial assistance is reflected as expenditures in the Schedule by only the primary recipient (i.e., the State organization that received the federal assistance directly from the federal government). This method avoids the overstatement of federal financial assistance at the aggregate level.

NOTE 1. SIGNIFICANT ACCOUNTING POLICIES (continued)

B. Reporting Entity

The Schedule includes all federal financial assistance programs administered by the State for the fiscal year ended June 30, 2020. Refer to Appendix "A" for a comprehensive listing of organizations that comprise the State of Georgia Reporting Entity.

C. Basis of Accounting

The State's CAFR and this supplemental schedule are presented in accordance with generally accepted accounting principles, following the accrual or modified accrual basis of accounting, as appropriate for the fund structure. The basis of accounting used for each fund is described in Note 1 to the State's financial statements. Negative amounts shown in the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years.

NOTE 2. INDIRECT COST RATE

In addition to other procedures detailed in the Uniform Guidance, State organizations may elect to charge a de minimis cost rate of 10% of modified total direct costs which may be used indefinitely. There are seven State organizations within the State of Georgia Reporting Entity, as identified in Appendix "A," that have elected to use the 10% de minimis cost rate.

NOTE 3. LOAN PROGRAMS

The State participates in various federal loan programs. The Schedule includes the value of new loans made or received during the fiscal year, the balance of loans from previous years for which the federal government imposes continuing compliance requirements, and any administrative cost allowances. For loans made to students of an Institution of Higher Education (IHE), where the IHE does not make the loans, the amounts in the Schedule only include the value of loans made during the fiscal year and are not included in the following table.

Outstanding balance of federal loans and loan guarantees:

<u>CFDA No.</u>	<u>Program Name</u>	<u>Ending Balance at June 30, 2020</u>
10.766	Community Facilities Loans and Grants Cluster	\$ 74,438,410
20.223	Transportation Infrastructure Finance and Innovation Act (TIFIA) Program	1,541,428
84.038	Federal Perkins Loan Program - Federal Capital Contributions	20,263,194
93.264	Nurse Faculty Loan Program (NFLP)	1,957,674
93.342	Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	66,180
93.364	Nursing Student Loans	565,534
Total Outstanding Balance		\$ 98,832,420

NOTE 4. NON-CASH ASSISTANCE

Although most federal financial assistance is in the form of cash assistance, the State participates in several programs that provide non-cash assistance through the State to eligible participants. The total value of federal financial non-cash assistance that the State reported for the fiscal year ended June 30, 2020 is presented in the table below.

Non-Cash Assistance:

CFDA No.	Program Name	Non-Cash Value
10.178	Trade Mitigation Program Eligible Recipient Agency Operational Funds ¹	\$ 38,663,870
10.551	Supplemental Nutrition Assistance Program ¹	2,109,157,695
10.551	COVID – 19 – Supplemental Nutrition Assistance Program	326,143,273
10.555	National School Lunch Program ¹	38,605,344
10.565	Commodity Supplemental Food Program ¹	1,774,707
10.569	Emergency Food Assistance Program (Food Commodities)	18,628,302
10.569	COVID – 19 – Emergency Food Assistance Program (Food Commodities)	1,308,409
20.U15 93.U28 97.036 98.U31 39.003	COVID – 19 – Personal Protective Equipment (PPE) ¹	46,039,049
93.268	Donation of Federal Surplus Personal Property	3,062,658
93.268	Immunization Cooperative Agreements ¹	144,916,891
Total Non-Cash Assistance		\$ 2,728,300,198

¹ The amount reported in the Schedule for this program includes both cash and non-cash assistance expenditures.

NOTE 5. UNEMPLOYMENT INSURANCE (UI) (CFDA No. 17.225)

The UI program serves workers who are unemployed through no fault of their own and are seeking reemployment. To receive benefits, claimants must be able to work, available for work, and actively seeking work. State unemployment insurance funds (State UI funds) must be deposited to the Unemployment Trust Fund (UTF) in the U.S. Treasury, primarily to be used to pay UI program benefits under the federally approved State unemployment law. Accordingly, expenditures of both State and federal unemployment insurance funds are included in the total expenditures for the UI program as reported in the Schedule, and for the fiscal year ended June 30, 2020 are \$2,230,358,822 and \$60,792,777, respectively. Also, COVID-19 expenditures for federal unemployment insurance funds are included in the total expenditures for the COVID-19 UI program as reported in the Schedule, and for the fiscal year ended June 30, 2020 are \$7,994,921,013.

NOTE 6. NOVEL CORONAVIRUS (COVID – 19)

Supplemental federal appropriations were approved through a variety emergency Federal Acts to assist in responding to the novel coronavirus (COVID-19) outbreak. These Federal Acts and supplemental guidance also contained requirements for compliance with existing Federal laws and added reporting requirements. A portion of the supplemental federal funding was provided to the State as both monetary and non-cash assistance, from numerous Federal Agencies through a variety of Federal programs. These supplemental funds are separately reported in the SEFA schedule and applicable Notes to the SEFA schedule with the prefix “COVID-19”.



**Corrective Action Plan for
Current Year Financial Findings**



May 5, 2021

Mr. Greg S. Griffin, State Auditor
Georgia Department of Audits and Accounts
270 Washington Street, S.W., Room 1-156
Atlanta, Georgia 30334-8400

Dear Mr. Griffin,

Enclosed with this letter is the State of Georgia's "Corrective Action Plan" (CAP) relating to financial statement findings, for reporting in the 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 for fiscal year ending June 30, 2020. This CAP is compiled by the State Accounting Office (SAO) based on corrective action plans provided by the respective State Organization, and is organized by State Organization and finding number.

The State's CAP satisfies the requirements, as detailed in Title 2 U.S. *Code of Federal Regulations, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance), Subpart F, Section 511 – Audit findings follow-up, for the financial statement findings.

If you have any questions regarding this CAP, please contact our Office.

Sincerely,



Kris W. Martins, CPA
State Accounting Officer

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¹ The entity number represents the control number that was assigned to each State entity.

**FINANCIAL STATEMENT FINDINGS REPORTED UNDER
GOVERNMENT AUDITING STANDARDS**

2020-001 Continue to Strengthen Logical Access Controls

State Entity: Statewide Finding

Corrective Action Plans:

The State Accounting Office will continue to review the remainder of HCM and FSCM roles for segregation of duty, more plainly describe users roles, identify compatibility issues, produce a segregation of duties matrix, and will address general security settings concerns.

Estimated Completion Date: June 30, 2021

Contact Person: Barbara Rosenke-Sweeney, Chief Information Officer
Telephone: (404) 656-2133; **E-mail:** barbara@sao.ga.gov

2020-002 Improve Financial Reporting Controls

State Entity: Department of Public Health

Corrective Action Plans:

DPH will strengthen its financial reporting processes by implementing the following:

- *Review, update and, when necessary, create Standard Operating Procedures (SOPs) for Accounting, Grants & Budget related activities.*
- *Continue to train staff on SOPs as they are updated.*
- *Improve communication by requiring periodic meetings between Accounting, Budget & Grants departments.*
- *Establish task lists, timelines, and deadlines for timely transactional processing and reporting to ensure an efficient year-end financial close process.*
- *Established a Task Force to clear prior year bank reconciling items:*
 - *Phase I - recreate monthly reconciliations from January 2013 to present, with a goal of completing by March 2021*
 - *Phase II - research and correct all reconciling items with a goal of completing by the close of FY2021.*
- *Require monthly meetings between General Ledger and Revenue to correct bank reconciling items.*

Estimated Completion Date: September 30, 2021

Contact Person: Shawn DuPree, Accounting Director
Telephone: (404) 545-7436; **E-mail:** shawn.dupree@dph.ga.gov

2020-003 Continue to Strengthen Financial Reporting Controls

State Entity: Department of Community Health

Corrective Action Plans:

The Department of Community Health will implement the following corrective actions to continue to strengthen financial reporting controls.

- *DCH will strengthen communication with SAO to ensure that the proper account titles are used, so that when accounts are mapped to the CAFR, they flow to the correct line item.*
- *DCH will work with ADP to properly interpret their end of the year report, so that it can be reconciled to their bank statements for the purpose of reporting Cash with Fiscal Agents.*
- *DCH will strengthen documentation of accounting policies and procedures related to the presentation of fund balance and will maintain supporting documentation for decisions regarding the estimate for the Allowance for Doubtful Accounts for SHBP.*
- *DCH will continue to work with payroll locations to verify accounts receivable amounts.*
- *DCH will continue to create and perform key analytics to help prevent or timely detect financial errors in data used to prepare the CAFR-related financial statements.*
- *DCH continues to ensure Financial Reporting staff receive additional hours of training in GASB, GAAP and governmental financial reporting annually.*

Estimated Completion Date: December 31, 2021

Contact Person: Tisha Phillips, Director of Financial Services

Telephone: (404) 657-7201; **E-mail:** tisha.phillips@dch.ga.gov

2020-004 Continue to Strengthen Application Risk Management Program

State Entity: Department of Community Health

Corrective Action Plans:

Implementation of the previous Corrective Action Plan is still in-progress. The Agency is attempting to identify and secure the necessary State funds required to implement its CAP in order to fully remediate the audit finding by December 31, 2022.

Estimated Completion Date: December 31, 2022

Contact Person: Sherman Harris, Director, Cybersecurity Office

Telephone: (404) 656-9653; **E-mail:** sheharris@dch.ga.gov

2020-005 Strengthen Logical Access Controls

State Entity: Department of Human Services

Corrective Action Plans:

All inappropriate access has been removed. A quarterly user re-certification process has been established to verify users have appropriate levels of access according to job roles. Processes will be established to monitor changes to ensure configuration changes have been authorized prior to completion. In addition, a process to monitor user access permissions with the corresponding documentation.

Adjustments have been made to User Recertification reports that will utilize various reports to reflect users and the level of access to the system.

Training will be provided to applicable staff on the completion of the role request form and documenting evidence.

Estimated Completion Date: June 30, 2021

Contact Person: Ananias Williams, Deputy Chief Information Officer

Telephone: (404) 463-0929; **E-mail:** ananias.williams@dhs.ga.gov

2020-006 Strengthen Information Technology General Controls

State Entity: Department of Human Services

Corrective Action Plans:

The applicable environment has been reviewed and unauthorized users have been removed. Processes will be established to review privileged access, monitor changes to ensure changes have been authorized, tested, and approved prior to deployment.

Training will be provided to authorized management on how to complete the role request form, review active and terminated user access, and document evidence.

All general database settings findings have been remediated.

Estimated Completion Date: June 30, 2021

Contact Person: Ananias Williams, Deputy Chief Information Officer

Telephone: (404) 463-0929; **E-mail:** ananias.williams@dhs.ga.gov

2020-007 Strengthen Logical Access Controls

State Entity: Department of Labor

Corrective Action Plans:

The Information Technology division will continue to enhance the current annual transaction access review process. GDOL has begun the planning process to perform the annual user access review for FY21. We will continue to collaborate with business units to design more specific roles to align more closely with each user's role and daily tasks as appropriate. We have made progress toward this end, and anticipate the changes to be complete by December 31, 2021.

Estimated Completion Date: December 31, 2021

Contact Person: Lindsey Gardener, Information Technology

Telephone: (404) 232-7548; **E-mail:** Lindsey.Gardener@gdol.ga.gov

2020-008 Improve Controls over the Identification and Recording of Overpayments

State Entity: Department of Labor

Corrective Action Plans:

The system is now in place to track and establish CARES Act overpayments. The list used to maintain a record prior to implementation is processed daily by staff to enter overpayments pending establishment. ETA 227 amended reports will be submitted for first impacted period through the current period at the time of implementation. ETA 902P amended reports will be updated appropriately going forward as overpayments are identified and recorded. GDOL plans to address the recommendations to reconcile the detailed records of overpayments to the general ledger and estimate allowance for doubtful accounts balances. Financial Services will post to the GL as uncollectible the number deemed as 'write offs' on the ETA 227 reports generated by the UI program.

Estimated Completion Date: June 30, 2021

Contact Person: Crystal Singleton, UI Policy and Procedures

Telephone: (404) 232-3183; **E-mail:** Crystal.Singleton@gdol.ga.gov

2020-009 Improve Controls over the Year-End Accruals Process

State Entity: Department of Labor

Corrective Action Plans:

GDOL has in place a process to track federal UI funds to report on them in the Comprehensive Annual Financial Report appropriately. Additionally, GDOL remains committed to working cooperatively with the SAO and DOAA to determine the best method for generating estimates needed for future potential accrual entries for federal UI programs. Any such estimate would need to be both materially accurate and readily auditable. We clearly understand that our agency nor DOAA had an existing playbook for the unprecedented events that have transpired over the past year. GDOL remains committed to working cooperatively and looks forward to better communication with our government partners as it is key to getting the mission completed in a manner that is efficient and timely.

Estimated Completion Date: June 30, 2021

Contact Person: John Williams, Accounting Director II

Telephone: (404) 232-3577; **E-mail:** john.williams@gdol.ga.gov

2020-010 Strengthen Financial Reporting Controls

State Entity: Department of Revenue

Corrective Action Plans:

- *Establish a reserve for sales tax distribution on the June 30th accounts receivable balance.*
- *Reduce the July revenue accrual by the July sales tax distribution (plus the accrual for the last three days of the month not covered by the distribution). This will back out the amount allocated to the local jurisdictions. The remaining balance will be the State amount.*
- *Adjust the Allowance for Doubtful Accounts (AFDA) for the sales tax accounts receivable(s) and revenue.*

Estimated Completion Date: June 30, 2021

Contact Person: Michael Joyner, Controller

Telephone: (404) 895-8012; **E-mail:** michael.joyner@dor.ga.gov

2020-011 Continue to Strengthen Logical Access Controls

State Entity: Department of Revenue

Corrective Action Plans:

Logical Access – Controls – Partially Resolved

Our IT general controls review revealed that 23 out of 152 users had inappropriate privileged access to the system.

- *The reason for the finding's recurrence is the lack of oversight on provisioning admin access. DOR control that was implemented needed further modification to meet all criteria expected of the control. The sampling of the DLLs to be verified as following the correct procedures needed to be updated to be a true random sampling.*
- *Corrective action plan is that the Georgia Department of Revenue (DOR) has moved the entire application infrastructure to a cloud based environment. This will allow DOR to have full control over all server access and has partnered with the cloud provider to implement a controlled access so that anytime admin access is needed it must first be requested and can only be granted for a max of 8hrs.*
- *Corrective Action taken is for the next review ensure that there is no inappropriate access to any production server. Currently there is work on a review process now that the infrastructure has moved.*

Logical Access – Monitoring and Current User – Completely Resolved

Our review of DOR's system application users revealed that one (out of 40) had inappropriate access that was not commensurate with their job responsibilities.

- *The reason for the finding's reoccurrence is that the controls for manual review and monitoring of user access was not implemented until 4/30/2020 and the automated process for the work items was implemented in July of 2020 during the current audit period.*
- *Partial corrective action is that starting with the upcoming fiscal year, a work item will be systematically created twice a year (first business day of January and first business day of July) which will be auto-assigned to any user with employees in the system. Work item lists all employees and their access and cannot be closed until all employees have been marked as reviewed and approved. Any access not approved will require supervisor to follow current process of submitting security case to change access.*
- *Corrective action taken is that will fully resolve is the automated work item process that was implement in July 2020.*

Logical Access – Monitoring and Current User – Partially Resolved

Our review of the interest and penalty application controls within the system revealed that 68 out of 69 application users had inappropriate access and a conflict of segregation of duties.

- *The reason for the finding's occurrence is that ITSG had not implemented an approval process for the interest rate change. This was a new process for DOR as prior to this interest was always 1% per month. SQRs were always created and the process was handled by ITSG and verified by the business but there was no formal application approval process in place.*

2020-011 Continue to Strengthen Logical Access Controls (continued)

- *Partial corrective action is that the business had to submit a PCR case that became an SQR. The interest rate was updated manually by ITSG and then by TSD. This was done under all the normal procedures we do for all SQRs. Ensuring that the change was correctly done tested and verified by all involved prior to making the update in production.*
- *Corrective action taken is that ITSG implemented a two-step approval process so that we could separate who added the interest rate from who would approve the said interest rate. This two step process will be in place for the next review period. The ITS application provides ITSG the ability to overhaul the security and truly provide a role based and least privilege security model. The estimated date for having this completely resolved with the upgrade is Fall of 2022.*

Estimated Completion Date: September 30, 2022

Contact Person: Henry Rutherford, Sr Manager Applications Support Development

Telephone: (404) 417-6497; **E-mail:** henry.rutherford@dor.ga.gov

2020-012 Internal Controls Over Financial Reporting

State Entity: Savannah State University

Corrective Action Plans:

We concur with this finding: Management will strengthen internal controls and procedures over the financial reporting process. Additionally, the University has started corrective measures in properly identifying custodial accounts and ensuring that any accounts for which the University has administrative involvement will be closed or transferred to a restricted or business-type activity fund.

Estimated Completion Date: November 30, 2020

Contact Person: David Atkins, Comptroller

Telephone: (912) 358-4048; **E-mail:** atkinsd@savannahstate.edu