

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH
CORPORATION, AND GEORGIA INSTITUTE
OF TECHNOLOGY**

COMPLIANCE REPORTS

For the Year Ended June 30, 2021

And Reports of Independent Auditor

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
TABLE OF CONTENTS

Report of Independent Auditor on the
Schedule of Expenditures of Federal Awards..... 1-2

Report of Independent Auditor on Internal Control over Financial Reporting and on
Compliance and Other Matters based on an Audit of the Financial Statements
Performed in Accordance with *Government Auditing Standards*..... 3-4

Report of Independent Auditor on Compliance for Each Major Program and
Report on Internal Control over Compliance Required by the Uniform Guidance 5-6

Schedule of Expenditures of Federal Awards..... 7-42

Notes to Schedule of Expenditures of Federal Awards 43

Schedule of Findings and Questioned Costs..... 44-48

Report of Independent Auditor on the Schedule of Expenditures of Federal Awards

To the Board of Trustees
Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation,
and Georgia Institute of Technology
Atlanta, Georgia

Report on the Schedule of Expenditures of Federal Awards

We have audited the accompanying Schedule of Expenditures of Federal Awards (the "Schedule") of Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation and Georgia Institute of Technology (collectively, the "Organization") for the year ended June 30, 2021, and the related notes to the Schedule.

Management's Responsibility for the Schedule

Management is responsible for the preparation and fair presentation of the Schedule. This includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of the schedule that is free from material misstatements, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on the Schedule based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance"). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether the Schedule is free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the Schedule. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the Schedule, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Organization's preparation and fair presentation of the Schedule in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Organizations' internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the Schedule.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the Schedule referred to above presents fairly, in all material respects, the expenditures of federal awards of the Organizations for the year ended June 30, 2021.

Other Matters

We have audited the financial statements of the business-type activities and each major fund of Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation (collectively, "GTRC") as of and for the year ended June 30, 2021, and the related notes to the financial statements, which collectively comprise GTRC's basic financial statements. We issued our report thereon dated September 10, 2021, which contained an unmodified opinion on those financial statements.

The State of Georgia Department of Audits and Accounts has audited the basic financial statements of Georgia Institute of Technology as of and for the year ended June 30, 2021, and related notes and has issued its report thereon based on the audit of the basic financial statements performed in accordance with auditing standards generally accepted in the United States of America dated December 21, 2021, which expressed an unmodified opinion on those financial statements and reports no findings in relation to internal control over financial reporting or compliance and other matters.

Cherry Bekart LLP

Atlanta, Georgia
January 31, 2022

**Report of Independent Auditor on Internal Control over Financial Reporting and on
Compliance and Other Matters Based on an Audit of the Financial Statements
Performed in Accordance with *Government Auditing Standards***

To the Board of Trustees
Georgia Tech Research Corporation and
Georgia Tech Applied Research Corporation
Atlanta, Georgia

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the business-type activities, and each major fund of Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation (collectively, "GTRC") as of and for the year ended June 30, 2021, and the related notes to the financial statements which collectively comprise GTRC's basic financial statements, and have issued our report thereon dated September 10, 2021.

Internal Control over Financial Reporting

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

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

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that have not been identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. We did identify a deficiency in internal control, described in the accompanying schedule of findings and questioned costs as item 2021-001 that we consider to be a significant deficiency.

Compliance and Other Matters

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

GTRC's Response to Finding

GTRC's response to the finding is described in the accompanying schedule of findings and questioned costs. GTRC's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

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 GTRC's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering GTRC's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Cherry Bekart LLP

Atlanta, Georgia

September 10, 2021, except for the schedule of findings and questioned costs which is dated January 31, 2022

Report of Independent Auditor on Compliance for Each Major Program and on Internal Control over Compliance Required by the Uniform Guidance

To the Board of Trustees
Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation,
and Georgia Institute of Technology
Atlanta, Georgia

Report on Compliance for Each Major Federal Program

We have audited the compliance of Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation, and the Georgia Institute of Technology (collectively, the "Organization") with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the Organization's major federal programs for the year ended June 30, 2021. The Organization's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on the Organization's compliance for each of the Organization's major federal programs based on our audit of the types of compliance requirements referred to above and the report of other auditors. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance"). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the Organization's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the Organization's compliance.

Opinion on Each Major Federal Program

In our opinion, the Organization complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2021.

Other Matters

The results of our auditing procedures disclosed an instance of noncompliance, which is required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as item 2021-002. Our opinion on each major federal program is not modified with respect to this matter.

The Organization's response to the noncompliance findings identified in our audit is described in the accompanying schedule of findings and questioned costs. The Organization's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

Report on Internal Control over Compliance

Management of the Organization is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the Organization's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the Organization's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that have not been identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we did identify certain deficiencies in internal control over compliance, described in the accompanying schedule of findings and questioned costs as item 2021-002 that we consider to be a significant deficiency.

The Organization's response to the internal control over compliance findings identified in our audit is described in the accompanying schedule of findings and questioned costs. The Organization's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

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

Atlanta, Georgia
January 31, 2022

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Research and Development-Cluster:				
Department of Agriculture				
Agricultural Research Basic and Applied Research	10.001		\$ 2,260,630	\$ 3,936,530
Agriculture and Food Research Initiative (AFRI)	10.310			1,211,198
Wood Utilization Assistance	10.674			162,660
Agricultural Research Basic and Applied Research				
Passed through from:				
KWJ ENGINEERING INC/NEWARK, CA	10.001	145131		41,943
OREGON STATE UNIVERSITY/CORVALLIS, OR	10.001	J2285A-C		63,136
Agriculture and Food Research Initiative (AFRI)				
Passed through from:				
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.310	USDA/AMS 2018 SP CROP CLOCK GR	7,500	39,074
LSU/BATON ROUGE, LA	10.310	PO-0000037155	-	848
UNIV OF FL	10.310	2018-67013-27452	-	44,350
US ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.310	E18-16	-	66,416
Sun Grant Program				
Passed through from:				
UNIVERSITY OF TENNESSEE/KNOXVILLE, TN	10.320	9500070415	-	(19)
Forestry Research				
Passed through from:				
U.S ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.652	E17-22	-	19,948
Wood Utilization Assistance				
Passed through from:				
US ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.674	E19-08	-	(2,997)
Specialty Crop Block Grant Program - Farm Bill				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	10.170	RE680-207/S001565	-	14,102
Total Department of Agriculture			2,268,130	5,597,189
Department of Commerce				
Integrated Ocean Observing System (IOOS)	11.012		-	19,216
Economic Development_Technical Assistance	11.303		-	107,367
Economic Adjustment Assistance	11.307		-	109,327
Trade Adjustment Assistance for Firms	11.313		-	4,250
Climate and Atmospheric Research	11.431		-	320,372
Integrated Ocean Observing System (IOOS)	11.473		-	10,000
Measurement and Engineering Research and Standards	11.609		84,945	2,714,759
Manufacturing Extension Partnership	11.611		-	1,007,322
Science, Technology, Business and/or Education Outreach	11.620		-	118
Minority Business Resource Development	11.802		195,000	375,481
MBDA Business Center	11.805		47,000	259,385

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title		Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Ocean Exploration					
	Passed through from: MOTE MARINE LABORATORY/SARASOTA, FL	11.011	MML 105-320	\$ -	\$ 6,390
Integrated Ocean Observing System (IOOS)					
	Passed through from: SE COASTAL OCEAN OBSERVING REGIONAL ASSN/JOHNS ISLAND, SC	11.012	IOOS.16(028)GATECH.FZ.GLD.1	-	2,436
Cluster Grants					
	Passed through from: EMORY UNIVERSITY/ATLANTA, GA	11.020	A391823	-	13,305
Sea Grant Support					
	Passed through from: UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	#SUB00002066	-	2,647
	UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	RR746-096/S001611	-	4,403
	UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB 00002404	-	473
	UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB00002069	-	5,656
	UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB00002257	-	56,904
	UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB00002329	-	21,070
Coastal Zone Management Administration Awards					
	Passed through from: GA DEPT NATURAL RESOURCES/	11.419	AGMT DTD 4/8/2021	-	25,300
	GA DEPT NATURAL RESOURCES/	11.419	AGR DTD 16 OCT 2019	-	7,499
	GA DEPT NATURAL RESOURCES/	11.419	AGR DTD 28 JUL 2020	-	26,198
Climate and Atmospheric Research					
	Passed through from: FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	11.431	R000002728	-	3,262
Weather and Air Quality Research					
	Passed through from: UNIVERSITY CORPORATION FO	11.459	SUBCON002177	-	305,742
Applied Meteorological Research					
	Passed through from: FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	11.468	R01856	-	22,149
Center for Sponsored Coastal Ocean Research Coastal Ocean Program					
	Passed through from: LEHIGH UNIVERSITY/BETHLEHEM, PA	11.478	543829-78002	-	50,519
Measurement and Engineering Research and Standards					
	Passed through from: COLORADO STATE UNIVERSITY/COLLINS, CO	11.609	G-99042-03	-	62,869
Arrangements for Interdisciplinary Research Infrastructure					
	Passed through from: COLORADO STATE UNIVERSITY/COLLINS, CO	11.619	G-00745-13	-	21,941
	NIIMBL/WASHINGTON, DC	11.619	PC1.0-26	-	51,702
	NIIMBL/WASHINGTON, DC	11.619	PC2.2-122	-	279,901
Total Department of Commerce				326,945	5,897,963
Department of the Army					
Basic and Applied Scientific Research		12.300		2,198,738	54,299,966
Military Medical Research and Development		12.420		294,070	1,280,212
Basic Scientific Research		12.431		24,308,091	157,269,290
Basic, Applied, and Advanced Research in Science and Engineering		12.630		197,000	6,390,240
Science, Technology, Engineering and Mathematics (STEM) Educational Program: Science, Mathematics And Research for Transformation (SMART)		12.631			1
Research and Technology Development		12.910			108,917
Military Medical Research and Development					
	Passed through from: MISSISSIPPI STATE UNIVERSITY/MISSISSIPPI STATE, MS	12.420	183905.310605.01	-	23,445
	UNIVERSITY OF MICHIGAN/	12.420	SUBK00013481	-	153,603

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Basic Scientific Research				
Passed through from:				
ADVANCED TECHNOLOGY INTER	12.431	2017-311 PROJ AGR 03	\$ -	\$ (5,594)
ADVANCED TECHNOLOGY INTER	12.431	2017-311 PROJ AGR 04	-	1,832
ADVANCED TECHNOLOGY INTER	12.431	2017-311A PA 5	1,083,348	2,785,691
ALCATERA/LOS ANGELES,CA	12.431	GTRC 143327 DTD 08/24/2020	-	25,827
AUTONOMOUS SOLUTIONS INC./MENDON, UT	12.431	AGMT DTD 19-JUN-2020	-	71,964
CARBONICS INC./CULVER CITY, CA	12.431	145449	-	16,789
CARNEGIE MELLON	12.431	1130233-423485	-	(444)
CARNEGIE MELLON	12.431	1130233-430466	-	140,946
CONTINUUM DYNAMICS INC/EWING, NJ	12.431	PO # 19-181	-	(6,138)
CORNELL UNIVERSITY/ITHACA, NY	12.431	76091-10525	-	187,777
CORNERSTONE RESEARCH GROUP/DAYTON, OH	12.431	PO 2020-1714	-	11,874
DIGITAL ANALOG INTEGRATION INC./AUBURN,AL	12.431	W911QX19C004	-	5,454
DIGITAL ANALOG INTEGRATION INC./BETHESDA, MD	12.431	AGR DTD 10/23/17	-	6,353
ENGINEERING AND SOFTWARE SYSTEM SOLUTIONS INC (ES3)/SAN DIEGO, CA	12.431	17119	-	74,762
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	12.431	#R000002607	-	10,992
GEN ELEC CORP RES & DEVL	12.431	401153380	-	12,284
GIRD SYSTEMS INC	12.431	420021018CF40	-	(5,211)
GIRD SYSTEMS INC./CINCINNATI, OH	12.431	42-004-0321TM70	-	46,708
HILL TECHNICAL SOLUTIONS INC/HUNTSVILLE, AL	12.431	OTA-CF-2020PO-1	-	105,554
LUNA INNOVATIONS	12.431	3623-ARM-1T/GTARC	-	189
MAYO CLINIC/ROCHESTER, MN	12.431	GEO-259318/PO#67608330	-	43,141
MILLENNITEK LLC/KNOXVILLE, TN	12.431	144639	-	17,003
MRI GLOBAL/KANSAS CITY, MO	12.431	184069	-	10,809
MXD (MANUFACTURING X DIGITAL)/CHICAGO,IL	12.431	2020-09	-	26,255
NORTH CAROLINA A&T STATE	12.431	TRAINING & INSTRUMEN	-	34
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	12.431	13000844-026	-	107,407
RADIANCE TECHNOLOGIES	12.431	185-1329	-	(1,392)
ROBOTICS TECHNOLOGY	12.431	70-201708	-	92,129
SEMI/MILPITAS, CA	12.431	FT-19-20-P198	-	370,500
SEMI/MILPITAS, CA	12.431	FT19-21-206	-	24,615
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.431	205-2	-	85,000
SIGNATURE RESEARCH INC	12.431	AGR DTD 04/11/17	-	169
STANFORD UNIVERSITY/STANFORD, CA	12.431	#61892934-130810	-	53,764
STEVENS INST OF TECHNOLOGY/	12.431	#2102942-01	-	77,518
TRITON SYSTEMS INC/HELMSFORD,MA	12.431	TSI-2663-20-20202640	-	20,000
UCLA/LOS ANGELES, CA	12.431	1000GSA785	90,776	15,445
UNIVERSITY OF ARIZONA/TUCSON, AZ	12.431	530518	-	38,479
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.431	572622	-	727,135

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
LOCKHEED MARTIN/ORLANDO	12.630	4103970772	\$ -	\$ 2,381
ADVANCED REGENERATIVE MANUFACTURING INSTITUTE/MANCHESTER, NH	12.630	T0170	-	195,551
ADVANCED REGENERATIVE MANUFACTURING INSTITUTE/MANCHESTER, NH	12.630	T0171	-	90,459
ADVANCED REGENERATIVE MANUFACTURING INSTITUTE/MANCHESTER, NH	12.630	T1075	-	128,703
BOEING RESEARCH & TECHNOLOGY/SEATTLE, WA	12.630	1982655	-	62,598
LOUISIANA STATE UNIVERSITY/BATON ROUGE, LA	12.630	PO-0000126336	-	2,341
PHOSPHOR TECH CORP	12.630	AGR DTD 8/4/2017	-	182,059
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.630	#576905	-	119,972
UNIVERSITY OF WASHINGTON/SEATTLE, WA	12.630	UWSC11912	-	76,276
Research and Technology Development				
Passed through from:				
UNIVERSITY OF TEXAS AT DALLAS/RICHARDSON, TX	12.910	1907638	-	284,191
Total Department of the Army			28,172,023	225,865,825
Department of the Navy				
Basic and Applied Scientific Research	12.300		12,127,243	41,136,869
Basic Scientific Research	12.431		-	5,444
Basic, Applied, and Advanced Research in Science and Engineering	12.630		725	(31,283)
Air Force Defense Research Sciences Program	12.800		-	7,488,643
Basic and Applied Scientific Research				
Passed through from:				
ADVANCED CONDUCTOR TECHNOLOGIES/BOULDER, CO	12.300	N6833518C0151	-	15,367
BOEING RESEARCH & TECHNOLOGY/SEATTLE,WA	12.300	1451798	-	150,922
BORGWARNER/ ARDEN, NC	12.300	ARG DTD 11/22/2019	-	185,153
CARBICE CORPORATION/ATLANTA,GA	12.300	141207 AGMT. DATED 7/16/2020	-	23,740
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	12.300	GTRC 144137 DTD 8/11/2020	-	40,365
CLEMSON UNIVERSITY/CLEMSON, SC	12.300	2190-202-2013781	-	106,283
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	141428	-	21,168
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	144355	-	26,530
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	AGT DTD MAY 27, 2017	-	(16,730)
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	AGT DTD OCT 10, 2017	-	705
CRAFT TECH/HUNTSVILLE, AL	12.300	N68335-18-C-0850	-	72,831
DYNETICS INC	12.300	DI-SC-19-40/TO 0001	-	1,626,182
ENVISIONEERING INC	12.300	PO 19-0426	-	8,240
ENVISIONEERING INC	12.300	S20-16	-	45,421
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	12.300	R02079	-	(1,233)
JOHNS HOPKINS UNIV	12.300	122356	-	24,997
LEIDOS INC	12.300	P010217722	-	104,680
LEIDOS INC/MCLEAN, VA	12.300	P010230959	-	66,067
LEIDOS, INC	12.300	RFP-7234-0219-007	-	74,227

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient		Federal Expenditures
	12.300	GTRC01-002	\$	-	\$ 49,992
LONG WAVE INC/OKLAHOMA CITY, OK	12.300	3602-NVY-25/GTRI		-	126,579
LUNA INNOVATIONS	12.300	AGR DTD 12/19/16		-	30,136
LUNA INNOVATIONS	12.300	SUB-2019-002		-	74,728
MAKAI OCEAN ENGINEERING/WAIMANALO, HI	12.300	AGR 01/01/2020		-	103
NEC CORPORATION/KAWASAKI, KANAGAWA/JAPAN	12.300	7500159934		-	1,978
NORTHROP CORP	12.300	POC# 10201-GTRI		-	437,310
PHYSICAL OPTICS CORP	12.300	87352-4233-46		-	48,257
PHYSICAL SCIENCES INC/ANDOVER, MA	12.300	SC-8061-7420-021-001		-	8,747
PHYSICAL SCIENCES INC/ANDOVER, MA	12.300	19-0044-21		-	738,455
PRECISE SYSTEMS INC	12.300	SUB0000364		-	182,032
PRINCETON UNIVERSITY/PLAINSBORO, NJ	12.300	13000648-032		-	11,242
PURDUE UNIV	12.300	GTARC 144208 AGMT DTD 07242020		-	45,550
R-DEX SYSTEMS/ MARIETTA,	12.300	PO10238931		-	16,281
SAIC	12.300	SC-19-005		-	147,419
SOAR TECHNOLOGY INC	12.300	SC-19-025		-	146,835
SOAR TECHNOLOGY INC	12.300	SA-GAT-NRL-0135-2019		-	87,904
STRATEGIC ANALYSIS INC/ARLINGTON, VA	12.300	ONR029		-	(868)
TUFTS UNIVERSITY/MEDFORD, MA	12.300	127224382		-	189,168
UNIVERSITY OF CALIFORNIA/SAN DIEGO,CA	12.300	#108547341		-	108,762
UNIVERSITY OF CALIFORNIA/SAN DIEGO,CA	12.300	184733		-	340,038
UNIVERSITY OF CONNECTICUT/STORRS, CT	12.300	43832-Z8995001		-	8,401
UNIVERSITY OF MARYLAND/COLLEGE PARK, MD	12.300	95497-Z8318201		-	63,637
UNIVERSITY OF MARYLAND/COLLEGE PARK, MD	12.300	208107GT		-	50,406
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.300	578186		-	216,031
UNIVERSITY OF PENNSYLVANI	12.300	N00164-20-2008-GEORGIA		-	13,455
UNIVERSITY OF TENNESSEE/	12.300	GG12136.159334		-	34,168
UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	12.300	#UWSC9065		-	349,770
UNIVERSITY OF WASHINGTON/SEATTLE, WA	12.300	UWSC12098		-	106,121
UNIVERSITY OF WASHINGTON/SEATTLE, WA	12.300	4208464		-	352,747
VIASAT INC	12.300	2006-GATECH		-	54,475
WHITE RIVER TECHNOLOGIES/NEWTON, MA	12.300			-	
Basic, Applied, and Advanced Research in Science and Engineering					
		Passed through from:			
	12.630	SC001-0000001318		-	68,860
Air Force Defense Research Sciences Program					
		Passed through from:			
	12.800	N000197248P800		-	1,447
Research and Technology Development					
		Passed through from:			
	12.910	07162AOWLH		-	268,450
Total Department of the Navy				12,127,968	55,553,204

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Department of the Air Force				
Basic and Applied Scientific Research	12.300		\$ -	\$ 15,084,707
Basic Scientific Research	12.431		-	(1,287)
Basic, Applied, and Advanced Research in Science and Engineering	12.630		2,069,291	19,610,199
Air Force Defense Research Sciences Program	12.800		57,635,183	196,563,867
Mathematical Sciences Grants	12.901		-	232,839
Basic Scientific Research				
Passed through from:				
SCIENTIFIC RES	12.431	AGR DATED 5/14/18	-	14,777
SCIENTIFIC RES	12.431	SR20180865	-	4,037
SCIENTIFIC RES	12.431	SRC20180986	-	(189)
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
AZIMUTH CORPORATION/BEAVERCREEK, OH	12.630	AWARD_CONTRACT_LINE-3-16022	-	200,363
ALION SCIENCE AND TECH	12.630	FA807517F1257	-	5,738
DYNETICS INC	12.630	DI-SC-16-01 TO 128	-	64,628
JACOS SVERDRUP ADVANCE SY	12.630	1153-01-00-06	-	8
LEIDOS INC	12.630	P010170252-1	-	9,765
LEIDOS INC	12.630	P010192863	-	1,186,591
Air Force Defense Research Sciences Program				
Passed through from:				
ALION SCIENCE AND TECHNOL	12.800	SUB1157903 RELEASE 001	-	140,838
ALTAMIRA TECHNOLOGIES CO	12.800	13025_001-GTRI	-	(861)
APTIMA/ WOBURN,MA	12.800	1401-1986	-	38,312
ARCTOS TECHNOLOGY SOLUTIONS LLC/ DAYTON, OH	12.800	142411-16F2639-20-53-C11	-	11,959
ARCTOS TECHNOLOGY SOLUTIONS LLC/ DAYTON, OH	12.800	162642-20-31-C1	-	177,205
ARCTOS TECHNOLOGY SOLUTIONS LLC/ DAYTON, OH	12.800	165852-18F5828-19-16-C1	-	107,360
ARCTOS TECHNOLOGY SOLUTIONS LLC/ DAYTON, OH	12.800	165852-19F5830-19-03-C1	-	264,053
ARCTOS TECHNOLOGY SOLUTIONS LLC/ DAYTON, OH	12.800	17-S8401-03-C1	-	24,273
ATC MATERIALS/WESTLAKE OH	12.800	AGMT DTD 11-08-2019	-	34,281
ATC MATERIALS/WESTLAKE OH	12.800	FA865118P0054	-	2
AURA TECHNOLOGIES LLC	12.800	AGR DTD 11/14/17	-	171
BAE SYSTEMS	12.800	994129	-	233
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	81628/1147215-2	-	(5)
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	85442	-	226,435
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	87545/1160002	-	140,234
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	AWARD_CONTRACT_LINE-3-18232	-	106,905
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	FA8650-15-2-5401	-	2,060
BOOZ, ALLEN, & HAMILTON	12.800	106445SB18/TO 3	-	907,393
CORNELL UNIVERSITY/ITHACA, NY	12.800	89102-11265	-	277,403
CORNELL UNIVERSITY/ITHACA, NY	12.800	90452-11334	-	65,501
CRAFT AEROSPACE TECHNOLOGIES INC/BURBANK, CA	12.800	145826	-	32,300
EARTHLY DYNAMICS CORPORATION/ATLANTA,GA	12.800	145780	-	72,589
EARTHLY DYNAMICS CORPORATION/ATLANTA,GA	12.800	147036	-	63,457
ENGINEERING RESEARCH AND ANALYSIS INC./DAYTON, OH	12.800	FA9101-19-C-0033	-	203,997
FLEXTECH ALLIANCE INC/SAN JOSE, CA	12.800	FA8650-15-2-5401	249,617	272,632

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
FLORIDA INST OF TECH/	12.800	DTFACT-17-C-0001	\$ -	\$ -	109,495
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	12.800	800009491-01UG	-	-	160,875
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	12.800	800011034-01UG	-	-	130,292
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	12.800	AWARD DTD 11/18/19	-	-	18,242
HEWLETT PACKARD ENTERPRISE COMPANY/PALO ALTO, CA	12.800	CW2275049	-	-	8
IMPACT TECHNOLOGIES LLC/ROCHESTER, NY	12.800	S1309A	-	-	(1,065)
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	213672	-	-	208,108
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	PO 193640	-	-	385,704
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	PO 194763	-	-	89,021
INNOVATIVE ADVANCED MATERIALS INC/HAMPTON, GA	12.800	144838	-	-	53,838
INNOVATIVE ADVANCED MATERIALS INC/HAMPTON, GA	12.800	FA8650-19-P-5195	-	-	44,767
INNOVATIVE SCIENTIFIC SOLUTIONS INC (ISSI)/DAYTON, OH	12.800	AGR DTD 4/28/2020	-	-	(10,695)
IOWA STATE UNIVERSITY/AMES, IA	12.800	130186	-	-	(10,199)
JAUNT AIR MOBILITY INC/ SEWELL, NJ	12.800	AF-STTR-SUB-003	-	-	45,009
JT4-LLC/LAS VEGAS, NV	12.800	4020JW2539	-	-	52,787
JT4-LLC/LAS VEGAS, NV	12.800	FA824018C7218	-	-	49
L3 TECHNOLOGIES/GREENVILL	12.800	4501766939	-	-	24,834
L3 TECHNOLOGIES/GREENVILL	12.800	4700083088	-	-	51,195
LAUNCHPOINT ELECTRIC PROPULSION SOLUTIONS/GOLETA,CA	12.800	145789	-	-	49,091
LAUNCHPOINT ELECTRIC PROPULSION SOLUTIONS/GOLETA,CA	12.800	145791	-	-	64,655
LINCOLN LAB	12.800	7000434835	-	-	(37)
LINCOLN LAB	12.800	7000472951	-	-	425,235
LINCOLN LABORATORY/MASSACHUSETTS INST OF TECH	12.800	7000437192	-	-	95,275
LINCOLN LABORATORY/MASSACHUSETTS INST OF TECH	12.800	7000485217	-	-	24,999
LONG WAVE INC/OKLAHOMA CITY, OK	12.800	GTRC01-001	-	-	49,697
LUNA INNOVATIONS	12.800	3660-AFR-1S/GTARC	-	-	295
LUNA INNOVATIONS/BLACKBURG, VA	12.800	3576.01GATECH	-	-	89,217
LYNNTECH INC/ COLLEGE STATION, TX	12.800	AF-047	-	-	55,000
MATRIX RESEARCH AND ENGIN	12.800	ESCE-002	-	-	24
MATRIX RESEARCH AND ENGIN	12.800	FA8650-14-D-1722	-	-	23
MTECH/LEONARDTOWN,MD	12.800	N000197248P800	-	-	16,789
NATIONAL AEROSPACE SOLUTION LLC/ARNOLD AFB,TN	12.800	421015	-	-	22,345
NEXTFLEX/SAN JOSE, CA	12.800	AGREEMENT DATED 21-FEB-2017	-	-	4
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	12.800	2019-1679-02	-	-	79,960
NORTHROP CORP	12.800	7500165537	-	-	752,060
NORTHROP CORP	12.800	7500172237-01	-	-	379,705
NORTHROP GRUMMAN INNOVAT	12.800	MP00251956	-	-	90
OHIO AEROSPACE INSTITUTE/CLEVELAND, OH	12.800	OAI-PACE-17005 MOD#002	-	-	(531)
OPTOXENSE INC./SAN RAMON, CA	12.800	GTRC SUBK 141593 DTD 9-21-2020	-	-	117,600
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	12.800	#13000716-051	-	-	106,494
RAYTHEON INTEGRATED DEFEN	12.800	4201988553	-	-	81,657
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	12.800	14787	-	-	514,865
RELIANCE TEST AND TECH	12.800	R20N0218	-	-	22,402
SARA/CYPRESS CA	12.800	ATP DTD 2/20/19	-	-	1,520,321
SOSSEC/ATKINSON,NH	12.800	FA87501699000	-	-	1,015,145

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to	Federal Expenditures
			Subrecipient	
SOSSEC/ATKINSON,NH	12.800	PLA-0047	\$ 10,000	\$ 22,470
SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION/DAYTON,OH	12.800	RY9-GA-19-5-AFRL2	-	30,598
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	FA8650-18-C-2001	-	(20)
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	S81819-001-1	-	9,956
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	SB2104-001-1	-	14,874
SPG INSTITUTE INC	12.800	2019-ARC-S-19004	-	253,475
SPG INSTITUTE INC	12.800	2019-ARC-S-19006	-	376,366
STELLAR SCIENCE LTD/ALBU	12.800	140941	-	80
STONY BROOK UNIVERSITY/STONY BROOK, NY	12.800	80626/2/1144990	-	66,949
SURVIVE ENGINEERING CO	12.800	085001.002.0181.2014	-	1,599
SW RES INSTITUTE	12.800	J99080CT	-	84
TAU TECHNOLOGIES LLC/ALB	12.800	TAU 2019-002	-	182
THE BOEING COMPANY/ST. LOUIS, MO	12.800	1944274	-	103,771
THE PERDUCCO GROUP/BEAVERCREEK, OH	12.800	ATP 13 APR 2020	-	60,154
UES INC	12.800	S119040001	-	225,700
UES INC	12.800	S-124-001-004	-	250,365
UES INC	12.800	S-124-020-002	-	163
UES INC/DAYTON, OH	12.800	S-162-11-MR002	-	7,142
UES INC/DAYTON, OH	12.800	S-162-11-MR006	-	121,959
UES INC/DAYTON, OH	12.800	S-162-11-MR008	-	150,000
UNIVERSITY OF CALIFORNIA/SANTA BARBARA,CA	12.800	#KK1912	-	185,252
UNIVERSITY OF CENTRAL FLORIDA/	12.800	287381	-	2,333
UNIVERSITY OF TEXAS AT SAN ANTONIO/SAN ANTONIO, TX	12.800	1000003116	-	25,920
UTAH STATE UNIVERSITY/LOGAN, UTAH	12.800	CP0047450	-	1
VERUS RESEARCH/ALBUQUERQUE, NM	12.800	1110-00037	-	141,996
WYLE LABORATORIES/	12.800	APSC02292	-	(3,188)
WYLE LABORATORIES/	12.800	LXS005518	-	(7,009)
WYLE LABORATORIES/	12.800	LXS006819	-	93,270
X-WAVE INNOVATIONS INC/GAITHERSBURG, MD	12.800	1064-1	-	15,000
Total Department of the Air Force			59,964,091	245,128,857
Department of Defense				
Basic and Applied Scientific Research	12.300		-	9,962,284
Scientific Research - Combating Weapons of Mass Destruction	12.351		323,296	792,069
Basic Scientific Research	12.431		-	412,392
Basic, Applied, and Advanced Research in Science and Engineering	12.630		3,120,035	91,411,451
Air Force Defense Research Sciences Program	12.800		-	899,031
Research and Technology Development	12.910		5,767,180	15,048,779
Basic and Applied Scientific Research				
Passed through from:				
BAE SYSTEMS	12.300	975057	-	28,527
CHARLES RIVER ANALYTICS	12.300	C1300602	-	(6,715)
DYNETICS INC	12.300	DI-SC-15-05	-	433
DYNETICS INC	12.300	DI-SC-18-65	-	67,867
LEIDOS, INC	12.300	PO10105875	-	(9)
PHYSICAL SCIENCES INC/ANDOVER, MA	12.300	86042-4215-46	-	29
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.300	208107GT	-	(76,645)
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.300	578186	-	223,411
UNIVERSITY OF ROCHESTER/ROCHESTER, NY	12.300	417645G/UR FAO GR510976	-	33,246
ZETA ASSOCIATES INC	12.300	090051SC-GTARC-01	-	17,430

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Scientific Research - Combating Weapons of Mass Destruction				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	12.351	A316609	\$ -	\$ 154,226
ROTC Language and Culture Training Grants				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	PGO1801-GT-03-PGO-051-P02	-	84,559
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	PGO1801-GT-03-PGO-051-P03	-	148,566
Basic Scientific Research				
Passed through from:				
ADVANCED TECHNOLOGY INTER	12.431	PROJECT AGREEMENT NO 1	-	1,461
AUGUSTUS AEROSPACE CO/ LO	12.431	GTARC 146761 DTD 2/17/2021	-	279,211
GEN ELEC CORP RES & DEVL	12.431	401153812	-	213,431
GEN ELEC CORP RES & DEVL	12.431	401153817	-	337,717
GRAF LLC/BLACKSBURG VA	12.431	W56KGU18C0020	-	29
R-DEX SYSTEMS/ MARIETTA,	12.431	GTARC 145615 DTD 1/14/2021	-	82,991
SCIENTIFIC RES	12.431	SR20201820	-	139,325
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
ADVANCED TECHNOLOGY INTER	12.630	2017-311A PA 06	-	110,465
BAE SYSTEMS	12.630	992051	-	(165)
BAE SYSTEMS/BURLINGTON MA	12.630	1017356	-	232,553
BERKELEY LAB	12.630	7360408	-	(33)
CACI	12.630	P000105680	-	16,400
CALIFORNIA INSTITUTE OF TECH/PASEDNA, CA	12.630	S404649	-	13,486
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	12.630	21-00038-SUB-000	-	20,586
CHARLES RIVER ANALYTICS	12.630	IARPA-BAA-17-08	-	50,612
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA	12.630	140D0419C0048	-	86,643
DRAPER LABORATORY	12.630	SC001-0000001394	-	218,761
DYNETICS INC	12.630	DI-SC-15-05 TO 11	-	1,385
DYNETICS INC	12.630	DISC1505 TO 09	-	151,797
DYNETICS INC	12.630	DI-SC-15-05 TO 10	58,610	193,789
DYNETICS INC	12.630	DI-SC-15-05 TO4	-	488
DYNETICS INC	12.630	DI-SC-16-01	-	73,436
DYNETICS INC	12.630	DI-SC-16-01/TO 146	-	21,477
DYNETICS INC	12.630	DI-SC-20-91	-	60,516
DYNETICS INC	12.630	DI-SC-21-60	-	44,746
DYNETICS INC	12.630	PO SB80027	-	102,698
DYNETICS INC	12.630	SB800055	-	9,069
DYNETICS INC	12.630	TO7/SB5000011	-	215
ELEMENTUM 3D/ERIE,CO	12.630	W911NF20C0012/A2-7889	-	57,548
EMORY UNIVERSITY/ATLANTA, GA	12.630	A356224	-	25,610
ENGENIUSMICRO/MABLETON, GA	12.630	EGM1342	-	34,272
EXCET INC /SPRINGFIELD VA	12.630	8071	-	609
HARRIS CORP	12.630	PO A000502775	-	164,592
IERUS TECHNOLOGIES	12.630	2021-GTRI-001	-	8,900
INFORMATION SCIENCE INSTI	12.630	136299980	-	190,151

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
INTEL CORPORATION/	12.630	CW2051835	\$ -	\$ -	173,287
INTELLIGENT AUTOMATION IN	12.630	2509-1	-	-	2,346,283
JACOS SVERDRUP ADVANCE SY	12.630	1153-01-02-06	-	-	1,527,144
JACOS SVERDRUP ADVANCE SY	12.630	GSQ0415DB0065	-	-	100,455
JET PROP LAB	12.630	1644381	-	-	21,893
JOHNS HOPKINS UNIV/BALTIMORE, MD	12.630	2004731073	-	-	86,969
LEIDOS INC/MCLEAN, VA	12.630	P010244149	-	-	52,068
LOCKHEED MARTIN CORP	12.630	1010121	-	-	20,657
MACAULAY-BROWN	12.630	DSC2134-01	-	-	9,593
NORTHROP GRUMMAN SYS CORP	12.630	GS00Q14OADU325	-	-	187,681
NORTHROP GRUMMAN SYS CORP	12.630	HR001117S0025	-	-	43
NORTHROP GRUMMAN SYS CORP	12.630	PO#5300010064	-	-	110,535
NOVATEUR RESEARCH SOLUTIONS/LEESBURG, VA	12.630	SUBK-NGA172-003	-	-	37,376
OCEUS NETWORKS/RESTON VA	12.630	P100-SG-1	-	-	(424)
OPTISYS/WEST JORDAN UT	12.630	AGR NOVEMBER 11, 2019	-	-	-
PHYSICAL SCIENCES INC.	12.630	CP0057367	-	-	-
PHYSICAL SCIENCES INC.	12.630	PO 10-04345	-	-	9,011
PHYSICAL SCIENCES INC.	12.630	SC-4566-170221-013-001	-	-	29,434
RAYTHEON	12.630	4202392548	-	-	22,240
ROCKWELL COLLINS	12.630	PO 4507393359	-	-	414,345
SAIC	12.630	P010251920	-	-	237,601
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.630	208-03	-	-	89,024
SIERRA NEVADA CORPORATION	12.630	S21CNE180	-	-	40,381
SIERRA NEVADA CORPORATION	12.630	S21FNE063	-	-	248,293
SMARTRONIX INC.	12.630	17R145	-	-	740
SPACE DYNAMICS LAB	12.630	CP0053206	-	-	24,157
SPACE DYNAMICS LAB	12.630	CP0065524	-	-	217
SPACEWORKS ENTERPRISES/ATLANTA, GA	12.630	AGT DTD APR 9, 2018	-	-	(104)
SRI INTERNATIONAL/PRINCETON,NJ	12.630	HR0011-18-C-0051	-	-	139,291
STEEL FOUNDERS SOCIETY OF AMERICA/	12.630	SP1005	-	-	18,963
STEVENS INST OF TECH	12.630	2102962-01WRT 1012	-	-	124,488
STEVENS INST OF TECHNOLOGY/	12.630	2103117-01	-	-	64,129
SYSTEM HIGH	12.630	HR001117F0001	-	-	155
TECHNOLOGY HOLDING LLC/SALT LAKE CITY,UT	12.630	145751	-	-	64,999
TETRA TECH ARD	12.630	AID-OAA I-14-00068/TO-16-00016	-	-	98,401
UNITED NATIONS/	12.630	AGR 06-01-2020	-	-	5,279
UNIVERSITY OF ILLINOIS	12.630	096363-17536	-	-	171,408
UNIVERSITY OF MICHIGAN/	12.630	SUBK00011571	-	-	117,703
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	#203278GT-BAKIR	-	-	294,351
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	#203278GT-YU	-	-	313,057
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-KHAN	-	-	207,036
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-NAEEMI	-	-	243,793
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-Raychowdhury	-	-	633,423
UNIVERSITY OF OKLAHOMA/OKLAHOMA CITY, OK	12.630	C3114301	-	-	8,950
WEST COAST SOLUTIONS/HUNTINGTON BEACH, CA	12.630	140208	-	-	131,669
WEST COAST SOLUTIONS/HUNTINGTON BEACH, CA	12.630	AGR DTD 4-20-18	-	-	(1,379)

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Air Force Defense Research Sciences Program				
Passed through from:				
ALION SCIENCE AND TECH	12.800	SUB1148651-002	\$ -	\$ 351,605
ALION SCIENCE AND TECHNOL	12.800	SUB1148651-003	-	180,376
ALION SCIENCE AND TECHNOL	12.800	SUB1157903 004	-	214,910
ALION SCIENCE AND TECHNOL	12.800	SUB1157903 RELEASE 002	-	225,127
ALION SCIENCE AND TECHNOL	12.800	SUB1157903 RELEASE 001	25,000	552,965
ALION SCIENCE AND TECHNOL	12.800	SUB1157903-003	-	1,144,418
BAE SYSTEMS	12.800	994129	-	(2,254)
FREEDOM PHOTONICS SANTA B	12.800	#S7200-01	-	3,074
FREEDOM PHOTONICS SANTA B	12.800	SAF20A-T002	-	47,331
JT4-LLC/LAS VEGAS, NV	12.800	2020JW3092	-	51,824
JT4-LLC/LAS VEGAS, NV	12.800	4021GT3098	-	22,560
JT4-LLC/LAS VEGAS, NV	12.800	700009/0002	-	125,884
NORTHROP CORP	12.800	1012178816	-	20,747
NORTHROP CORP	12.800	5300019650-GTRI	-	82,641
NORTHROP CORP	12.800	7500172237-01	-	9,005
NORTHROP CORP	12.800	SP00116946	-	12,626
NORTHROP GRUMMAN INNOVAT	12.800	MP00301412	-	14,480
RELIANCE TEST AND TECH	12.800	R21N0188	-	20,801
SARA/CYPRESS CA	12.800	ATP DTD 2/20/19	-	92,044
SCIENTIFIC RES	12.800	SR20201140	-	327,428
SCIENTIFIC RES	12.800	SR20201522	-	136,320
SCIENTIFIC RES	12.800	SR20210264	-	34,263
SCIENTIFIC RES	12.800	SR20210482 (J413)	-	110,501
SEALING TECHNOLOGIES INC	12.800	EGLIN-05012020	-	16,959
SOSSEC/ATKINSON,NH	12.800	PLA-0047	-	(29)
SPG INSTITUTE INC	12.800	2019-ARC-S-19006	-	11,076
STELLAR SCIENCE LTD/ALBU	12.800	GTRC AGMT DTD 11-03-2020	-	67,547
SW RES INSTITUTE	12.800	P99026N	-	9,699
TAU TECHNOLOGIES LLC/ALB	12.800	TAU 2021-003	-	86,424
UES INC	12.800	S119040001	-	21
WRIGHT BROTHERS INSTITUTE	12.800	WBPO21039GTRI	-	88,802
Research and Technology Development				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	12.910	A323074	-	17,618
GENERAL DYNAMIC BATH IRON	12.910	07162AOWLH	-	39,052
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.910	126-003	-	164,851
SRI INTERNATIONAL/PRINCETON,NJ	12.910	206-000114	-	25,359
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.910	#00009974	-	(38,771)
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.910	00010318	-	101,321
UNIVERSITY OF COLORADO/DENVER, CO	12.910	FY18.920.001	-	24,529
Total Department of Defense			9,294,121	134,963,451
Department of the Interior				
Water Desalination Research and Development	15.506		-	107,864
Assistance to State Water Resources Research Institutes	15.805		57,840	93,084
Earthquake Hazards Program Assistance	15.807		-	98,299
Research Grants (Generic)				
Passed through from:				
GALLUP/WASHINGTON, DC	15.650	D17PC00002	-	45,864
GALLUP/WASHINGTON, DC	15.650	HR001119C0135-001	-	195,059
Total Department of the Interior			57,840	540,170

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Department of Justice				
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		\$ 6,333	\$ 264,030
Edward Byrne Memorial Justice Assistance Grant Program	16.738		-	(189)
Edward Byrne Memorial Competitive Grant Program	16.751		-	(674)
Body Worn Camera Policy and Implementation	16.835		-	30,739
National Institute of Justice Research, Evaluation, and Development Project Grants				
Passed through from:				
THE URBAN INSTITUTE	16.560	PRE-AUTH. LTR	-	6,880
Total Department of Justice			6,333	300,786
Department of Labor				
Occupational Safety and Health_Susan Harwood Training Grants	17.502		-	22,567
Total Department of Labor			-	22,567
Department of State				
Investing in People in The Middle East and North Africa				
Passed through from:				
INTL RES & EXCHANGE BD ((IREX))/WASHINGTON, DC	19.021	FY21-HEP19-GT-01	-	21,208
Middle East Partnership Initiative				
Passed through from:				
AMERICAN UNIVERSITY OF BEIRUT/BERIUT, LABANON	19.500	SNEAAC20CA0028	-	25,357
Total Department of State			-	46,565
Department of Transportation				
Aviation Research Grants	20.108		-	(2,285)
Air Transportation Centers of Excellence	20.109		1,217,743	5,793,431
Highway Planning and Construction	20.205		-	1,076,448
Highway Training and Education	20.215		-	4,103
University Transportation Centers Program	20.701		30,558	212,089
Aviation Research Grants				
Passed through from:				
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	20.108	X16-8329-GTRC	-	(3,185)
Highway Research and Development Program				
Passed through from:				
OKLAHOMA STATE UNIVERSITY/STILLWATER, OK	20.200	1-578560-GTRC	-	114,797
THE NATIONAL ACADEMIES	20.200	200011051	-	121,013
WSP USA INC/WASHINGTON, DC	20.200	182618L	-	11,870
Highway Planning and Construction				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	20.205	17-166	-	465,829
CREARE INC/HANOVER, NH	20.205	6913G618C100008	-	(2,362)
GEORGIA DEPT OF TRANSPORTATION	20.205	02-145, RES PROJ 14-03	-	-
GEORGIA DEPT OF TRANSPORTATION	20.205	02-148, RES PROJ 14-06	-	769
GEORGIA DEPT OF TRANSPORTATION	20.205	EMAIL DTD 16 OCT 2018 - T8499	-	16,741
GEORGIA DEPT OF TRANSPORTATION	20.205	EMAIL DTD 9.19.2018 COST SHARE	-	57,405
GEORGIA DEPT OF TRANSPORTATION	20.205	FTAS311-FY20 NTD	-	255,385
GEORGIA DEPT OF TRANSPORTATION	20.205	FUNDED FROM T8499	-	78,956
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 17-04, TO2014-54	-	43,930

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount	Federal Expenditures
			Passed Through to Subrecipient	
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 17-05 TO 2014-55	\$ -	\$ 64
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 17-08 TO 2014-57	-	29,911
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 17-19, TO 2014-61	-	133,937
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 17-22, TO 2014-64	-	60,183
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 18-15, TO 2014-81	-	84,453
GEORGIA DEPT OF TRANSPORTATION	20.205	RES PROJ 2014-60, TO 17-14	-	5,357
GEORGIA DEPT OF TRANSPORTATION	20.205	TASK ORDER 2014-108, RP 20-22	-	25,532
GEORGIA DEPT OF TRANSPORTATION	20.205	TASK ORDER 2014-92 RP 19-10	94,257	172,671
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-100 RP 20-10	-	106,858
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-101 RP 20-11	-	19,972
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-102 RP 20-12	-	54,287
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-104, RP 20-15	-	36,926
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-105 RP 20-17	-	17,093
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-106 RP 20-18	-	38,669
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-107 RP 20-19	-	40,816
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-109 RP 20-24	-	18,231
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-110 RP 20-25	-	5,680
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-68, RES PROJ 17-26	-	23,854
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-73, REP PROJ 18-01	-	82,688
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-75 RP 18-14	-	53,559
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-76, RES PRO 18-02	-	16,155
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-77 RP 18-13	-	12,422
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-79, RES PROJ 18-11	-	(164)
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-80, RES PROJ 18-07	31,923	55,350
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-82 RES PROJ 18-17	-	3,949
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-84, RP18-08	-	147,358
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-85 RES PROJ 18-33	-	17,968
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-87, RP 18-35	-	36,678
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-89 RP 19-11	-	64,178
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-90 RP 19-13	76,037	137,960
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-91, RP 19-04	-	100,258
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-94 RP 19-25	-	5,654
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-95 RP19-26	-	57,496
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-96 RP 19-27	-	50,057
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-97 RP 20-01	-	35,588
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-98 RES PROJ 20-02	-	39,961
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-99 RP 20-09	-	58,000
GEORGIA DEPT OF TRANSPORTATION	20.205	TO2014-88 RP 19-09	-	67,612
GEORGIA DEPT OF TRANSPORTATION	20.205	TO2014-93 RP 19-17	-	6,405

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title		Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
University Transportation Centers Program	ICF INCORPORATED/FAIRFAX, VA	20.205	17ANSK0018	\$ -	\$ 8,057
	NATL ACADEMY OF SCIENCES/	20.205	HR-01-60	26,200	113,046
	OLD DOMINION UNIVERSITY RESEARCH FOUNDATION/NORFOLK, VA	20.205	AWARD EXECUTED 9/10/19	-	3,183
	OLD DOMINION UNIVERSITY/SUFFOLK, VA	20.205	#14055 ACRP AWARD	-	6,000
	TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.205	NCHRP-214	-	20,204
	TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.205	TCRP A-43	162,929	170,886
	UNIVERSITY OF CALIFORNIA/DAVIS, CA	20.205	A17-0183-S002	-	417,765
	UNIVERSITY OF FLORIDA/	20.205	AMEND 20 (UFDSP00011673)	-	42,765
	UNIVERSITY OF FLORIDA/	20.205	AMEND 20- (UFDSP00011673)	-	189
	UNIVERSITY OF FLORIDA/	20.205	AMENDMENT 23	-	13,787
	UNIVERSITY OF FLORIDA/	20.205	AMENDMENT 24	-	10,162
	UNIVERSITY OF FLORIDA/	20.205	UFDSP00011673 - AMEND 20	-	96,645
	UNIVERSITY OF FLORIDA/	20.205	UFDSP00011673 - PROJECT Q2	-	88,799
	UNIVERSITY OF FLORIDA/	20.205	UFDSP00011673 AMEND 18 PROJ F3	-	7,617
	UNIVERSITY OF FLORIDA/	20.205	UFDSP00011673 AMEND 18 PROJ H3	-	68,168
	UNIVERSITY OF FLORIDA/	20.205	UFDSP00011673 AMEND. 5	-	33,167
	UNIVERSITY OF GEORGIA/ATHENS, GA	20.205	SUB000002079	-	20,496
	UNIVERSITY OF GEORGIA/ATHENS, GA	20.205	SUB000002399	-	5,029
	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	20.205	087795-17555	-	116,171
	UNIVERSITY OF NEVADA LAS VEGAS/LAS VEGAS, NV	20.205	GR10321	-	27,953
	UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.205	CTEDD 021-04	-	13,280
	UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.205	CTEDD 2020	-	31,431
	UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.205	CTEDD 2020-02	-	60,072
	UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.205	CTEDD 2021 # 021-08	-	19,349
	Passed through from:				
	MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	#0055082-02D	-	13,749
	MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	00055082-02B	-	32,238
	MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	00055082-02C	-	61,872
	PURDUE UNIVERSITY/WEST LAFAYETTE, IN	20.701	16100096-024	-	139,289
	TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	20.701	12-S171237	-	268,967
Total Department of Transportation				1,639,647	12,078,896
Department of Treasury					
Coronavirus Relief Fund					
Total Department of Treasury	Passed through from:				
	GA BD OF REGENTS	21.019	EMAIL DTD 4 APR 2020 FORTNER	-	251,895
	GA BD OF REGENTS	21.019	FORTNER EMAIL 4 APR 2020	-	105,115
				-	357,010

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
National Aeronautics and Space Administration				
Science	43.001		\$ 1,790,756	\$ 7,603,630
Aeronautics	43.002		557,212	1,967,723
Exploration	43.003		33,724	142,555
Education	43.008		192,477	590,469
Cross Agency Support	43.009		-	82,263
Space Technology	43.012		23,097	1,288,914
Science				
Passed through from:				
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	43.001	80ARC021F0055	-	19,494
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	43.001	9373	-	27,032
CONTINUUM DYNAMICS INC/EWING, NJ	43.001	146215	-	3,488
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	43.001	800007887-01UG	-	77,774
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	43.001	147285	-	5,194
JACOBS SPACE EXPLORATION GROUP/HUNTSVILLE, AL	43.001	21N0146	-	9,790
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1570950	-	(644)
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1614730	-	2
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1616612	-	(577)
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1619992	-	6,084
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1631930	-	(6,917)
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639444	-	28,125
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639653	-	8,518
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639764	-	29,895
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1640630	-	15,136
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1641334	-	2,710
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1641536	-	9,627
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1649511	-	54,478
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1650969	-	33,004
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1651241	-	164,032
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1651655	-	51,873
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1656498	-	10,807
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1660879	-	18,021
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1662067	-	10,464
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	5710004050	-	139,635
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	MIT-GT-S5255	-	32,300
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	000030161	-	1,895
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	302001-GTRC	-	100,041
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	601063	-	162,330
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	601065	-	779,456
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	602007	-	57,873
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	F20-808408-GTRC	-	79,997
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	T13-6500-GT	-	102,198
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	43.001	2020-0613-01	-	7,674
SOUTHWEST RESEARCH INSTITUTE/	43.001	699054X/15.12029	-	183,652
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	43.001	S-000728	-	419,493
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	43.001	S-001436	-	1,860
UNIVERSITY OF IDAHO/MOSCOW, IDAHO	43.001	SP3303-SB-223473	-	37,154

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Aeronautics				
Passed through from:				
ANALYTICAL SERV & MAT INC	43.002	BAART2019-001	\$ -	\$ 58
BOOZ, ALLEN AND HAMILTON INC	43.002	AWARD_CONTRACT_LINE-3-20750	-	434,199
BOOZ, ALLEN AND HAMILTON INC	43.002	FA8075-14-D-0002	-	45,550
BOOZ, ALLEN, & HAMILTON	43.002	S900016BAH	-	492,608
CROWN CONSULTING INC/ARLINGTON,VA	43.002	NNH17CC02Z	-	201,874
DNC PARKS & RESORT AT KSC	43.002	TO 1 DTD 11/18/16	-	(426)
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	43.002	80NSSC20C0481	-	25,000
HS ADVANCED CONCEPTS LLC/ALEXANDRIA, VA	43.002	HSAC-001-CON-ASDL	-	8,462
JACOBS ENGINEERING GROUP	43.002	19N0850	-	69,248
JACOBS ENGINEERING GROUP	43.002	20N0565	-	96,900
JACOBS ENGINEERING GROUP	43.002	80MSFC18C0011	-	1
JACOBS SPACE EXPLORATION GROUP/HUNTSVILLE, AL	43.002	19N0544	-	8,648
JACOBS SPACE EXPLORATION GROUP/HUNTSVILLE, AL	43.002	20N0451	-	25,299
JACOBS SPACE EXPLORATION GROUP/HUNTSVILLE, AL	43.002	PO # 20N0379	-	57,897
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1639638	-	14,142
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1648767	-	133,954
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1659103	-	52,153
LMI/MCLEAN,VA	43.002	PO20-00435/TO01/TO033	-	100,574
MAGNOLIA OPTICAL TECHNOLOGIES INC/WOBURN, MA	43.002	NASAAPD02	-	(7,495)
MILLENNIUM ENGINEERING	43.002	2019-0123	-	511,303
NATIONAL AEROSPACE SOLUTION LLC/ARNOLD AFB,TN	43.002	408427	-	102
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	201201-GTRC	-	91,292
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	202011-GTRC	-	42,025
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	202026-GTRC	-	33,009
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	601036	-	78,657
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	601052	-	104,381
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	602003	-	178,209
NAVMAR APPLIED SCI	43.002	WM007916	-	788
NORTH CAROLINA A&T STATE UNIV/GREENSBORO, NC	43.002	220072A	-	177,947
OEWAVES INC./PASADENA, CA	43.002	AGMT. 142585 DATED 04-07-2020	-	159,893
OHIO STATE UNIVERSITY/COLUMBUS, OH	43.002	60061601	-	119,275
PHYSICAL SCIENCES INC.	43.002	10-02490-1943	-	(86)
PLASMA PROCESSES INC/ HUNTSVILLE, AL	43.002	PO: 6006-033-JK-12189REV1	-	33,560
SETI INSTITUTE/MOUNTAIN VIEW, CA	43.002	SC3131	-	9,596
SOAR TECHNOLOGY INC	43.002	SC-20-027	-	44,606
SPACE DYNAMICS LAB	43.002	CP0055174	-	95
SPACE DYNAMICS LAB	43.002	CP0065524	-	123,461
STANFORD UNIVERSITY/STANFORD, CA	43.002	62485886-176172	-	38,698
TDA RESEARCH INC./WHEAT RIDGE, CO	43.002	GA.4101.030.GTRC.20.01	-	25,028
TRACLABS/WEBSTER,TX	43.002	AGT DTD AUG 25, 2017	-	(523)
UNIVERSITY OF MINNESOTA/ST. PAUL, MN	43.002	H006201401	-	6
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	43.002	#133480	-	46,986
UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	43.002	GD10052 152367	-	7,147
VETH RESEARCH ASSOCIATES LLC/NICEVILLE, FL	43.002	GT-141453 DTD 05182020	-	74,070
XAVIER UNIVERSITY OF LA/NEW ORLEANS, LA	43.002	OSP-15-216811-02A	-	715

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Education				
Passed through from:				
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	201078-GTRC	\$ -	\$ 83,479
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	201093-GTRC	-	10,585
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	301001-GTRC	-	106,404
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	601067-GT	-	66,660
PRAIRIE VIEW A&M UNIVERSITY/PRAIRIE VIEW, TEXAS	43.008	M2000595/S200508	-	7,900
XAVIER UNIVERSITY OF LA/NEW ORLEANS, LA	43.008	ORSP-21-216812-01A	-	9,339
Space Technology				
Passed through from:				
MICHIGAN TECHNOLOGICAL UNIVERSITY/HOUGHTON, MICH	43.012	1607060Z4	-	117,284
UNIVERSITY OF CALIFORNIA/DAVIS, CA	43.012	80NSSC19K1052	-	467,543
Total National Aeronautics and Space Administration			2,597,266	18,886,602
The National Endowment for the Humanities				
Promotion of the Humanities Office of Digital Humanities	45.169		-	33,600
Promotion of the Humanities_Division of Preservation and Access				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	45.149	SUB00001681	-	2,453
Total The National Endowment for the Humanities			-	36,053
National Science Foundation				
Engineering Grants	47.041		4,622,743	23,912,829
Mathematical and Physical Sciences	47.049		1,339,306	11,694,609
Geosciences	47.050		1,809	3,186,365
Computer and Information Science and Engineering	47.070		1,067,706	14,599,531
Biological Sciences	47.074		-	2,492,168
Social, Behavioral, and Economic Sciences	47.075		-	893,582
Education and Human Resources	47.076		171,470	7,901,584
Polar Programs	47.078		-	52,488
Office of International Science and Engineering	47.079		-	5,364
Office of Integrative Activities	47.083		172,090	1,178,331
Engineering Grants				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	15-741	-	579,690
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	17-098	-	45,820
BSCS SCIENCE LEARNING/COLORADO SPRINGS, CO	47.041	2020-20	-	87,127
COLUMBIA UNIVERSITY/NEW YORK, NY	47.041	1(GG13910)	-	146,101
GEORGE WASHINGTON UNIVERSITY/WASHINGTON, DC	47.041	18-S10	-	72,190
HARVARD UNIVERSITY/BOSTON, MA	47.041	124050-5104116	-	(63,689)
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.041	5710003968	4,774	325,377
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	47.041	2017-2662-01	-	122,397
PRINCETON UNIVERSITY/PLAINSBORO, NJ	47.041	SUB0000385	-	145,428
SEARCH TECHNOLOGY INC/NORCROSS, GA	47.041	STI-GTRC-20-1	-	75,913
SILPARA TECHNOLOGIES/DECATUR, GA	47.041	GTRC RA 141789 DTD 05-28-2020	-	38,000
TEACHERS COLLEGE - COLUMBIA UNIVERSITY/NEW YORK, NY	47.041	513147	-	64,114
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	47.041	9367	-	25,780
UNIVERSITY OF CENTRAL FLORIDA/ORLANDO, FL	47.041	16406249-02	-	64,426

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient		Federal Expenditures
	47.041	57824	\$	-	\$ 12,077
	47.041	083276-18339 (AC291)		-	18,780
	47.041	092559-17315		-	16,517
	47.041	101397-18222		-	39,564
	47.041	S58000041772GT4		-	13,667
	47.041	S58000041772GT5		-	22,623
	47.041	S58000041772GT6		-	61,988
	47.041	S5800041772B5GT		-	9,594
	47.041	S5800041772C3GT		-	16,582
	47.041	25-0521-0210-003		-	73,604
	47.041	UTA15-001072		-	(8,089)
	47.041	145393		-	30,000
	47.041	UWSC10741 BPO NO. 34658		-	39,374
	47.041	145275		-	21,839
Mathematical and Physical Sciences					
		Passed through from:			
	47.049	75548-20733		-	32,145
	47.049	A373696		-	389,272
	47.049	632K273		-	739
	47.049	0000000293		-	128,451
	47.049	0000000841		-	61,318
	47.049	10825-GR		-	16,775
Geosciences					
		Passed through from:			
	47.050	#14-NSF-1074		-	75,108
	47.050	R02162		-	(17,915)
	47.050	F0691-01		-	2,947
	47.050	83829300		-	55,901
	47.050	#14-059		-	13,456
	47.050	0000000186		-	97,929
Computer and Information Science and Engineering					
		Passed through from:			
	47.070	238-01		-	(6,451)
	47.070	GT-1828168		-	56,725
	47.070	318.19.01		-	(125)
	47.070	72954-10595		-	4,162
	47.070	A439111		-	48,324
	47.070	800004907-02UG/000015		-	31,604
	47.070	5710004130		-	50,370
	47.070	CCF-1231216		-	17,344
	47.070	143837		-	22,295
	47.070	A19-0027-S001		-	11,485
	47.070	00010542		-	20,000
	47.070	A18-0727-S001		-	1,237

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
	47.070	KK1926	\$ -	\$ -	144,073
	47.070	SUB000023660	-	-	33,325
	47.070	# 083276-17230	-	-	42,099
	47.070	#083276-17228	-	-	279
	47.070	#083276-17340	-	-	60,657
	47.070	083842-16099	-	-	223,611
	47.070	5115818	-	-	(13,588)
	47.070	202917GT	-	-	505
	47.070	A19-0308-S001	-	-	19,666
	47.070	UTA19-001218	-	-	96,971
	47.070	UWSC9939	-	-	13,345
	47.070	183405342/144AAC6327	-	-	35,086
	47.070	UNIV61111	-	-	84,942
	47.070	480073-19034	-	-	98,911
	47.070	480366-19034	-	-	38,585
Biological Sciences					
		Passed through from:			
	47.074	CORNELL UNIVERSITY/ITHACA, NY	-	-	98,790
	47.074	UNIVERSITY OF WASHINGTON/SEATTLE, WA	-	-	76,633
Social, Behavioral, and Economic Sciences					
		Passed through from:			
	47.075	EMORY UNIVERSITY/ATLANTA, GA	-	-	36,832
	47.075	EMORY UNIVERSITY/ATLANTA, GA	-	-	119,720
	47.075	SEARCH TECHNOLOGY INC/NORCROSS, GA	-	-	68,076
	47.075	UNIVERSITY OF MICHIGAN/ANN ARBOR, MI	-	-	46,676
Education and Human Resources					
		Passed through from:			
	47.076	AMERICAN CHEMICAL SOCIETY	-	-	57,069
	47.076	AMERICAN CHEMICAL SOCIETY	-	-	25,729
	47.076	ARIZONA STATE UNIVERSITY/TEMPE, AZ	-	-	14,481
	47.076	NORTHWESTERN UNIVERSITY/EVANSTON, IL	-	-	58,029
	47.076	UNIVERSITY OF COLORADO/BOULDER, CO	-	-	(3,010)
	47.076	UNIVERSITY OF COLORADO/BOULDER, CO	-	-	33,295
	47.076	UNIVERSITY OF GEORGIA RESEARCH FDN/ATHENS, GA	-	-	14,315
	47.076	UNIVERSITY OF GEORGIA/ATHENS, GA	-	-	76,210
	47.076	UNIVERSITY OF GEORGIA/ATHENS, GA	-	-	14,878
	47.076	UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	-	-	13,101
Office of Integrative Activities					
		Passed through from:			
	47.083	EDUWORKS/CORVALLIS,OR	-	-	194,205
	47.083	OREGON STATE UNIVERSITY/CORVALLIS, OR	-	-	4,677
	47.083	VANDERBILT UNIVERSITY/NASHVILLE, TN	-	-	191,232
Total National Science Foundation			7,379,898	71,146,146	

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Department of Veteran Affairs				
Research and Development	64.054		\$ -	\$ 192,360
Total Department of Veteran Affairs			-	192,360
Environmental Protection Agency				
Science To Achieve Results (STAR) Research Program	66.509		108,477	110,145
Science To Achieve Results (STAR) Fellowship Program	66.514		-	2
Pollution Prevention Grants Program	66.708		2,275	131,312
Science To Achieve Results (STAR) Fellowship Program				
Passed through from:				
CSRA LLC/ARLINGTON,VA	66.514	7SK00041MD	-	44,128
LAKE MICHIGAN AIR DIRECTORS CONSORTIUM (LADCO)/ROSEMONT, IL	66.514	AGMT DTD 3/8/2021	-	12,386
LAKE MICHIGAN AIR DIRECTORS CONSORTIUM (LADCO)/ROSEMONT, IL	66.514	AGMT DTD 7/15/2020	-	25,063
GA DEPT NATURAL RESOURCES/	66.514	AGR DTD 4/7/2021	-	11,861
UNIVERSITY OF GEORGIA/ATHENS, GA	66.514	SUB000002418	-	52,836
Total Environmental Protection Agency			110,752	387,733
Nuclear Regulatory Commission				
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		-	37,753
Total Nuclear Regulatory Commission			-	37,753
Department of Energy				
Cybersecurity, Energy Security & Emergency Response (CESER)	81.008		-	305,552
Office of Science Financial Assistance Program	81.049		952,624	6,299,033
Conservation Research and Development	81.086		184,483	1,264,222
Renewable Energy Research and Development	81.087		267,352	2,282,955
Fossil Energy Research and Development	81.089		78,441	1,444,106
Stewardship Science Grant Program	81.112		-	238,117
Defense Nuclear Nonproliferation Research	81.113		2,890,426	4,109,463
Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117		66,895	261,709
Nuclear Energy Research, Development and Demonstration	81.121		410,573	1,423,172
Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		76,699	339,342
Advanced Research and Projects Agency – Energy	81.135		240,733	2,632,683
Environmental Monitoring, Independent Research, Technical Analysis				
Passed through from:				
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.005	7581171	-	49,999
Office of Science Financial Assistance Program				
Passed through from:				
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)/NEW YORK, NY	81.049	2	-	50,209
AMES NATIONAL LABORATORY/AMES, IA	81.049	SC-18-463	-	179,133
AMES NATIONAL LABORATORY/AMES, IA	81.049	SC-19-495	-	32,524
AMTECH SYSTEMS INC./TEMPE, AZ	81.049	AGREEMENT DATED MARCH 1, 2019	-	(181)
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	0F-60145	-	180,062
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	0F-60168	-	45,079
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	8F-30135	-	310,361

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	9F-60044	\$ -	\$ -	92,507
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	AVTC12	-	-	80,620
BROOKHAVEN NATIONAL LAB/UPTON, NY	81.049	343172	-	-	75,337
BROWN UNIVERSITY/PROVIDENCE, RI	81.049	1289	-	-	76,556
CALABAZAS CREEK RESEARCH	81.049	GTRC AMT 144752 DTD012-2-2020	-	-	33,793
CISCO SYSTEMS/SAN JOSE, CA	81.049	TASK ORDER #13	-	-	88,607
CONSOLIDATED NUCLEAR SECU	81.049	4300158496	-	-	44
CONSOLIDATED NUCLEAR SECU	81.049	4300166311	-	-	86,028
CONSOLIDATED NUCLEAR SECURITY LLC./OAK RIDGE, TN	81.049	4300161789	-	-	91,406
CONTINUUM DYNAMICS INC/EWING, NJ	81.049	PO 20-065	-	-	33,106
FERMILAB/BATAVIA, IL	81.049	655410	-	-	39,393
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	81.049	R01436	-	-	8,659
FLUOR MARINE PROPULSION LLC/WEST MIFFLIN, PA	81.049	131210	40,900	-	239,567
HALLIBURTON ENERGY SERVICES/DUNCAN, OK	81.049	DE-FG02-01ER54656	-	-	364,170
Honeywell Federal Manufac	81.049	N000339711	-	-	91,528
Honeywell Federal Manufac	81.049	N000388591	-	-	189,740
HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY/KANSAS CITY, MO	81.049	N000384469	-	-	131,891
HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY/KANSAS CITY, MO	81.049	N000384869	-	-	24,657
HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY/KANSAS CITY, MO	81.049	N000386587	-	-	25,098
HONEYWELL INC	81.049	DE-NA0002839	-	-	701,464
HONEYWELL INC	81.049	N000317552	-	-	313
HONEYWELL INC	81.049	N000346564	-	-	570
HONEYWELL INTERNATIONAL, INC.	81.049	N000250980	-	-	(50,926)
HONEYWELL INTERNATIONAL, INC.	81.049	N000293974	-	-	(249)
HONEYWELL INTERNATIONAL, INC.	81.049	N000297946	-	-	39
HONEYWELL INTERNATIONAL, INC.	81.049	N000300107	-	-	(854)
HONEYWELL INTERNATIONAL, INC.	81.049	N000338179	-	-	75,152
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	179569	-	-	1,070
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	190986	-	-	11,497
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	207604	85,073	-	133,877
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	226040	-	-	28,738
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	245139	-	-	13,291
INERT PLASMA CHARGING LLC/CHANDLER,AZ	81.049	9/2/2020 ATP	-	-	208,046
JOHNS HOPKINS UNIV/BALTIMORE, MD	81.049	2004690045	-	-	148,209
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	DE-AC02-05CH11231	-	-	274,359
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	7547203	-	-	99,644
LAWR LIVERMORE NATL LAB	81.049	B617458	-	-	(307)
LEADING EDGE CRYSTAL TECHNOLOGIES INC./GLOUCESTER, MA	81.049	AGREEMENT DATED JUNE 1 2018	-	-	-
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B636911	-	-	104,434
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B639903	-	-	67,244
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B640369	-	-	71,410
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B640461	-	-	38,837
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B642896	-	-	40,923
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B644118	-	-	76,240
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B644400	-	-	32,355
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	389971	-	-	39,758
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	524823	-	-	92,255
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	528054	-	-	71,700
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	545066	-	-	117,124
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	613160	-	-	130,054
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	633534	-	-	18,139

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
LOS ALAMOS NATL	81.049	547813	\$ -	\$ -	1,500,337
LOS ALAMOS NATL	81.049	609605	-	-	89,016
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	81.049	535932	-	-	200,757
MILLENNITEK LLC/KNOXVILLE, TN	81.049	146470	-	-	2,636
NATIONAL RENEWABLE ENERGY LAB (NREL)	81.049	SUB-2021-10429	-	-	161,692
OAK RIDGE NATL LAB	81.049	4000171856	-	-	152,279
OSAZDA ENERGY LLC/ALBUQUERQUE, NM	81.049	AWARD_CONTRACT_LINE-3-16067	-	-	100,353
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	322234	-	-	(45,707)
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	432002	-	-	49,948
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	439121	-	-	19,027
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	449705	-	-	(971)
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	521481	-	-	29,322
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	525225	-	-	56,283
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	533718	-	-	14,636
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	535498	-	-	130,852
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	556927	-	-	7,656
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	DE-AC05-76RL01830	-	-	(3,179)
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	81.049	S000014-EARPA	-	-	180,791
PHILLIPS 66 CO/BARTLESVILLE, OK	81.049	GTRC AGMT DTD. 12/08/2020	-	-	80,384
SANDIA NATL LAB	81.049	DE-AC04-94AL-85000	-	-	125,660
SANDIA NATL LAB	81.049	1954355	-	-	(760)
SANDIA NATL LAB	81.049	2013350	-	-	(494)
SANDIA NATL LAB	81.049	2032371	-	-	(880)
SANDIA NATL LAB	81.049	2078144	-	-	103,259
SANDIA NATL LAB	81.049	2156722	-	-	89,366
SANDIA NATL LAB	81.049	2167910	-	-	333,497
SANDIA NATL LAB	81.049	2170449	-	-	14,501
SANDIA NATL LAB	81.049	2210321	-	-	25,231
SANDIA NATL LAB	81.049	2243697	-	-	30,714
SANDIA NATL LABS/SANDIA CORP	81.049	1744348	-	-	(1,513)
SANDIA NATL LABS/SANDIA CORP	81.049	1767660	-	-	(58)
SANDIA NATL LABS/SANDIA CORP	81.049	1862981	-	-	24,645
SANDIA NATL LABS/SANDIA CORP	81.049	1897564	-	-	39,584
SANDIA NATL LABS/SANDIA CORP	81.049	1901033	-	-	6,477
SANDIA NATL LABS/SANDIA CORP	81.049	1902837	-	-	35,542
SANDIA NATL LABS/SANDIA CORP	81.049	1920585	-	-	(8,449)
SANDIA NATL LABS/SANDIA CORP	81.049	1952411	-	-	23,345
SANDIA NATL LABS/SANDIA CORP	81.049	1971768	-	-	19,703
SANDIA NATL LABS/SANDIA CORP	81.049	1974284	-	-	39,698
SANDIA NATL LABS/SANDIA CORP	81.049	1975640	-	-	52,752
SANDIA NATL LABS/SANDIA CORP	81.049	1980535	-	-	13,306
SANDIA NATL LABS/SANDIA CORP	81.049	1984599	-	-	16,825
SANDIA NATL LABS/SANDIA CORP	81.049	1991855	-	-	22,568

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient		Federal Expenditures
SANDIA NATL LABS/SANDIA CORP	81.049	1995330	\$	-	\$ 61,034
SANDIA NATL LABS/SANDIA CORP	81.049	1997022		-	(23,335)
SANDIA NATL LABS/SANDIA CORP	81.049	2001728		-	17,408
SANDIA NATL LABS/SANDIA CORP	81.049	2015247		35,091	63,554
SANDIA NATL LABS/SANDIA CORP	81.049	2041627		-	(10,444)
SANDIA NATL LABS/SANDIA CORP	81.049	2044983		-	57,683
SANDIA NATL LABS/SANDIA CORP	81.049	2051479		-	63,145
SANDIA NATL LABS/SANDIA CORP	81.049	2075873		-	3,748
SANDIA NATL LABS/SANDIA CORP	81.049	2079964		-	71,009
SANDIA NATL LABS/SANDIA CORP	81.049	2080123		-	53,032
SANDIA NATL LABS/SANDIA CORP	81.049	2085524		-	67,625
SANDIA NATL LABS/SANDIA CORP	81.049	2085954		-	10,721
SANDIA NATL LABS/SANDIA CORP	81.049	2086636		-	61,437
SANDIA NATL LABS/SANDIA CORP	81.049	2088470		-	94,842
SANDIA NATL LABS/SANDIA CORP	81.049	2088556		-	114,972
SANDIA NATL LABS/SANDIA CORP	81.049	2094078		-	65,986
SANDIA NATL LABS/SANDIA CORP	81.049	2099053		-	53,232
SANDIA NATL LABS/SANDIA CORP	81.049	2099968		-	93,069
SANDIA NATL LABS/SANDIA CORP	81.049	2103933		-	253,776
SANDIA NATL LABS/SANDIA CORP	81.049	2104076		-	211,958
SANDIA NATL LABS/SANDIA CORP	81.049	2105775		-	36,703
SANDIA NATL LABS/SANDIA CORP	81.049	2110038		-	1,997
SANDIA NATL LABS/SANDIA CORP	81.049	2115504		-	18,484
SANDIA NATL LABS/SANDIA CORP	81.049	2118474		-	14,256
SANDIA NATL LABS/SANDIA CORP	81.049	2119210		-	144,165
SANDIA NATL LABS/SANDIA CORP	81.049	2120337		-	90,699
SANDIA NATL LABS/SANDIA CORP	81.049	2128259		-	65,641
SANDIA NATL LABS/SANDIA CORP	81.049	2132596		-	15,972
SANDIA NATL LABS/SANDIA CORP	81.049	2136977		-	41,814
SANDIA NATL LABS/SANDIA CORP	81.049	2137351		-	65,979
SANDIA NATL LABS/SANDIA CORP	81.049	2139970		-	88,177
SANDIA NATL LABS/SANDIA CORP	81.049	2141852		-	88,188
SANDIA NATL LABS/SANDIA CORP	81.049	2144114		-	55,659
SANDIA NATL LABS/SANDIA CORP	81.049	2146288		-	163,854
SANDIA NATL LABS/SANDIA CORP	81.049	2151489		-	52,634
SANDIA NATL LABS/SANDIA CORP	81.049	2152698		-	40,000
SANDIA NATL LABS/SANDIA CORP	81.049	2156264		-	39,487
SANDIA NATL LABS/SANDIA CORP	81.049	2157495		-	4,756
SANDIA NATL LABS/SANDIA CORP	81.049	2163299		-	259,261
SANDIA NATL LABS/SANDIA CORP	81.049	2166320		-	26,322
SANDIA NATL LABS/SANDIA CORP	81.049	2167820		-	35,076
SANDIA NATL LABS/SANDIA CORP	81.049	2167843		-	48,127
SANDIA NATL LABS/SANDIA CORP	81.049	2173263		-	36,555
SANDIA NATL LABS/SANDIA CORP	81.049	2176379		-	35,000
SANDIA NATL LABS/SANDIA CORP	81.049	2181623		-	166,469
SANDIA NATL LABS/SANDIA CORP	81.049	2182814		-	28,802
SANDIA NATL LABS/SANDIA CORP	81.049	2182878		-	45,807
SANDIA NATL LABS/SANDIA CORP	81.049	2183815		-	46,973
SANDIA NATL LABS/SANDIA CORP	81.049	2196829		-	62,256

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
SANDIA NATL LABS/SANDIA CORP	81.049	2197001	\$ -	\$	39,224
SANDIA NATL LABS/SANDIA CORP	81.049	2200795	-		80,398
SANDIA NATL LABS/SANDIA CORP	81.049	2200840	-		80,961
SANDIA NATL LABS/SANDIA CORP	81.049	2201282	-		47,224
SANDIA NATL LABS/SANDIA CORP	81.049	2204587	-		74,244
SANDIA NATL LABS/SANDIA CORP	81.049	2204644	-		53,895
SANDIA NATL LABS/SANDIA CORP	81.049	2205488	-		68,984
SANDIA NATL LABS/SANDIA CORP	81.049	2205639	-		15,203
SANDIA NATL LABS/SANDIA CORP	81.049	2206492	-		51,604
SANDIA NATL LABS/SANDIA CORP	81.049	2208511	-		44,983
SANDIA NATL LABS/SANDIA CORP	81.049	2208925	-		41,175
SANDIA NATL LABS/SANDIA CORP	81.049	2210029	-		25,910
SANDIA NATL LABS/SANDIA CORP	81.049	2210236	-		198,568
SANDIA NATL LABS/SANDIA CORP	81.049	2211212	-		33,009
SANDIA NATL LABS/SANDIA CORP	81.049	2214568	-		51,531
SANDIA NATL LABS/SANDIA CORP	81.049	2214694	-		41,397
SANDIA NATL LABS/SANDIA CORP	81.049	2214821	-		47,452
SANDIA NATL LABS/SANDIA CORP	81.049	2216268	-		25,110
SANDIA NATL LABS/SANDIA CORP	81.049	2217491	-		75,417
SANDIA NATL LABS/SANDIA CORP	81.049	2218472	-		73,225
SANDIA NATL LABS/SANDIA CORP	81.049	2218478	-		55,977
SANDIA NATL LABS/SANDIA CORP	81.049	2220704	-		46,985
SANDIA NATL LABS/SANDIA CORP	81.049	2224297	-		3,564
SANDIA NATL LABS/SANDIA CORP	81.049	2234323	-		16,929
SANDIA NATL LABS/SANDIA CORP	81.049	2236434	-		37,702
SANDIA NATL LABS/SANDIA CORP	81.049	2248233	-		19,285
SANDIA NATL LABS/SANDIA CORP	81.049	2249126	-		13,120
SANDIA NATL LABS/SANDIA CORP	81.049	2256491	-		7,140
SANDIA NATL LABS/SANDIA CORP	81.049	AGMT DTD 4/5/17	-		2
SANDIA NATL LABS/SANDIA CORP	81.049	CHECK NO. 1452393	-		17,081
SANDIA NATL LABS/SANDIA CORP	81.049	CHECK NO. 1453721	-		30,463
SANDIA NATL LABS/SANDIA CORP	81.049	CHECK NO. 394304	-		7,934
SANDIA NATL LABS/SANDIA CORP	81.049	PO 2112650	-		100,961
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	2018-000030	-		(413)
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	342690	-		152,618
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	GT00005	-		37,902
SLAC NATIONAL ACCELERATOR LABORATORY/MENLO PARK, CA	81.049	176551	-		(26)
SOUTHERN COMPANY SERVICES INC / GEORGIA	81.049	62668	-		12,573
STATE UNIV OF NY AT STONY BROOK/STONY BROOK, NY	81.049	68856-TASK 3, PROJ. 1119493	-		85,674
SUSTAINABLE MANUFACTURING INNOVATION ALLIANCE CORP/WEST HENRIETTA, NY	81.049	1	-		51,270

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to		Federal Expenditures
			Subrecipient		
	SUSTEON/CARY, NC	81.049	AGREEMENT DTD 03/04/2020	\$ -	\$ 73,759
	UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	PO# 109150	-	57,609
	UNIVERSITY OF CALIFORNIA/SAN DIEGO, CA	81.049	1916-1689	-	60,999
	UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	81.049	A003127003	-	106,068
	UNIVERSITY OF PITTSBURGH/PITTSBURGH, PA	81.049	AWD00001252 (415707-1)	-	65,003
	UNIVERSITY OF WISCONSIN - DISABILITY RESOURCE CENTER/MADISON, WI	81.049	562K284	-	(1,666)
	UNIVERSITY OF WISCONSIN - DISABILITY RESOURCE CENTER/MADISON, WI	81.049	775K563	-	102,557
	UNIVERSITY OF WISCONSIN - MADISON/MADISON WI	81.049	0000001272	-	44,446
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000100062	-	41,364
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000125663	-	30,607
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000152786	-	240,692
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000158523	-	56,579
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000160017	-	-
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000161062	118,421	232,996
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000161873	-	22,986
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000167866	-	105,487
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000170418	-	93,184
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000174400	-	213,801
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000175377	-	64,311
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000176370	-	52,673
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000177997	-	16,870
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000180433	-	91,334
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000181240	-	61,458
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000185049	-	25,940
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000185153	-	36,059
	UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000185320	-	46,982
	VANDERBILT UNIVERSITY/NASHVILLE, TN	81.049	#19067-S12	-	117,613
	VURONYX TECHNOLOGIES/WOBURN, MA	81.049	AGR DTD 16-JUN-2020	-	60,000
Conservation Research and Development	Passed through from:				
	NIKOLA MOTOR COMPANY/PHOENIX, AZ	81.086	GTRC 141800 DTD 05/26/2021	-	66,650
	UNIVERSITY OF TENNESSEE/KNOXVILLE, TN	81.086	A21-0468-S001	-	49,196
	UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	81.086	GQ10077	-	118,071
	SOUTHWEST RESEARCH INSTITUTE/	81.086	L99080MIM	-	13,724
	VIRGINIA TECH APPLIED RESEARCH CORPORATION/BLACKSB	81.086	#429399-19034	-	58,337
Renewable Energy Research and Development	Passed through from:				
	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)/NEW YORK, NY	81.087	4	-	202,264
	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)/NEW YORK, NY	81.087	DE-EE0007888-06-4B	-	73,472
	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)/NEW YORK, NY	81.087	DE-EE0007888-09-6	-	121,613
	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AIChE)/NEW YORK, NY	81.087	DE-EE0007888-10-5	28,573	492,969
	ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.087	ASU800000586	-	100,576
	ELECTRIC POWER RESEARCH INSTITUTE	81.087	10012453	-	37,312
	NORTHWESTERN UNIVERSITY/EVANSTON, IL	81.087	SP0045962-PROJ0012882	-	38,062
	TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	81.087	M1900414	-	35,710
	TEXAS TECH UNIVERSITY/LUBBOCK, TX	81.087	210345-01	-	116,494
	UNIVERSITY OF DELAWARE/NEWARK, DE	81.087	#53038	-	68,354
	UNIVERSITY OF WASHINGTON/SEATTLE, WA	81.087	UWSC11179	-	278,130

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Fossil Energy Research and Development				
Passed through from:				
CHILDREN'S HEALTHCARE OF ATLANTA/ ATLANTA, GA	81.089	SSA FOR GRA SUPPORT-FUJIMOTO	\$ -	\$ 9,457
PAVEMENT ANALYTICS/TALLAHASSEE, FL	81.089	AGR DTD 1 APR 2020	-	46,463
RTI INTERNATIONAL/ RESEARCH TRIANGLE	81.089	AWARD_CONTRACT_LINE_17362	-	43,494
SOUTHWEST RESEARCH INSTITUTE	81.089	M99005RR	-	35,795
UNIVERSITY OF CENTRAL FLORIDA/ORLANDO, FL	81.089	#16306016-01	-	278,106
Defense Nuclear Nonproliferation Research				
Passed through from:				
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	81.113	2014-0501-05	-	5,037
UNIVERSITY OF MICHIGAN/ANN ARBOR, MI	81.113	SUBK0009797	-	240,241
Nuclear Energy Research, Development and Demonstration				
Passed through from:				
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.121	#30308-05133-S01	-	51,123
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.121	28643-04465-S02	-	11,712
UNIVERSITY OF NEBRASKA/LINCOLN, NE	81.121	25-1120-0014-004	-	34,542
Advanced Research Projects Agency - Energy				
Passed through from:				
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	81.135	1070254-427580	-	106,719
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	81.135	S4872, PO#374367	-	67,258
RENSSELAER POLYTECHNIC INSTIT/TROY, NY	81.135	A12820	-	(14)
UNIVERSITY OF MICHIGAN/ANN ARBOR, MI	81.135	SUBK00010993	-	95,123
Total Department of Energy			5,476,284	39,580,805
Department of Education				
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		228,556	511,012
Fund for the Improvement of Postsecondary Education	84.116		-	(16,470)
Rehabilitation Services Independent Living Services for Older Individuals Who are Blind	84.177		-	457,813
Graduate Assistance in Areas of National Need	84.200		-	321,510
Centers for International Business Education	84.220		-	246,309
Total Department of Education			228,556	1,520,174
Department of Health and Human Services				
Public Awareness Campaigns on Embryo Adoption	93.007		-	(276)
Food and Drug Administration_Research	93.103		175,296	894,771
Environmental Health	93.113		71,293	398,832
Oral Diseases and Disorders Research	93.121		294,562	1,484,216
Health Program for Toxic Substances and Disease Registry	93.161		1,375,147	7,528,561
Human Genome Research	93.172		50,363	55,770
Research Related to Deafness and Communication Disorders	93.173		67,634	456,497
Mental Health Research Grants	93.242		130,907	684,482
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		277,115	2,082,618
Trans-NIH Research Support	93.31		46,332	1,404,045
Cancer Cause and Prevention Research	93.393		-	(5,391)

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount	Federal Expenditures
			Passed Through to Subrecipient	
Cancer Detection and Diagnosis Research	93.394		\$ 11,868	\$ 116,864
Cancer Treatment Research	93.395		36,962	856,706
Cancer Biology Research	93.396		1,196,630	2,921,706
Cancer Research Manpower	93.398		-	45,478
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		465,300	2,789,103
CDC Undergraduate Public Health Scholars Program (CUPS): A Public Health Experience to Expose Undergraduates Interested in Minority Health to Public Health and the Public Health Professions	93.456		50,955	775,029
ACL Assistive Technology	93.464		119,338	240,861
Cardiovascular Diseases Research	93.837		1,382,710	3,715,797
Lung Diseases Research	93.838		345,566	967,504
Blood Diseases and Resources Research	93.839		-	10,711
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		15,069	1,317,767
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	165,399
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		392,126	3,427,545
Allergy and Infectious Diseases Research	93.855		162,443	1,902,671
Biomedical Research and Research Training	93.859		480,285	5,621,216
Child Health and Human Development Extramural Research	93.865		467,502	1,003,032
Aging Research	93.866		36,788	1,040,297
Vision Research	93.867		186,834	1,647,858
International Research and Research Training	93.989		152,608	3,441,789
Preventive Health and Health Services Block Grant	93.991		82,258	1,252,790
Special Programs for the Aging, Title IV, and Title II, Discretionary Projects				
	Passed through from:			
	DHS DIVISION OF AGING SERVICES/ATLANTA,GA			
	93.048	42700-373-0000098226	-	32,274
Birth Defects and Developmental Disabilities - Prevention and Surveillance				
	Passed through from:			
	TASK FORCE GLOBAL HEALTH			
	93.073	U38OT000316	-	12,339
Prevention of Disease, Disability, and Death by Infectious Diseases				
	Passed through from:			
	EMORY UNIVERSITY/ATLANTA, GA			
	93.084	A425116	-	42,683
	UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA			
	93.084	GF14330.PO 2306925	-	15,000
Food and Drug Administration_Research				
	Passed through from:			
	MASSACHUSETTS GENERAL HOSPITAL/BOSTON, MA			
	93.103	236632	-	78,662
	UNIVERSITY OF GEORGIA/ATHENS, GA			
	93.103	SUB000001793	-	50,196
	UNIVERSITY OF GEORGIA/ATHENS, GA			
	93.103	SUB000002147	-	128,083
Environmental Health				
	Passed through from:			
	EMORY UNIVERSITY/ATLANTA, GA			
	93.113	A478502	-	113,020
	EMORY UNIVERSITY/ATLANTA, GA			
	93.113	T779501	-	97,945
Oral Diseases and Disorders Research				
	Passed through from:			
	EMORY UNIVERSITY/ATLANTA, GA			
	93.121	T825580	-	54,936

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Health Program for Toxic Substances and Disease Registry				
Passed through from:				
BIRKELAND CURRENT/PRUF ENERGY CONTROLS/WACO, TX	93.161	145597	\$ -	\$ 118,710
COLORADO STATE UNIVERSITY/COLLINS, CO	93.161	G-64112-03	-	60,278
EMORY UNIVERSITY/ATLANTA, GA	93.161	A385322	-	183,299
IBM CORP/GA	93.161	4700229146	-	117,680
IBM CORP/GA	93.161	4700266271	-	129,335
M S TECHNOLOGIES CORPORATION/ROCKVILLE, MD	93.161	146440	-	35,225
MAYO CLINIC/ROCHESTER, MN	93.161	GEO-234122/PO#67525100	-	54,723
MAYO CLINIC/ROCHESTER, MN	93.161	GEO-259345/PO#67608230	-	96,161
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	93.161	2019-2552-01	-	66,709
UNIVERSITY OF CALIFORNIA	93.161	118211663	-	24,065
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	93.161	097536-17865	-	41,774
UNIVERSITY OF TEXAS AT DALLAS/RICHARDSON, TX	93.161	139170	-	178,326
WEILL CORNELL MEDICAL COLLEGE/NEW YORK, NY	93.161	200197	-	39,627
Research and Training in Complementary and Integrative Health				
Passed through from:				
VIRGINIA COMMONWEALTH UNIVERSITY/RICHMOND, VA	93.213	PT112083-SC107082	-	5,287
Mental Health Research Grants				
Passed through from:				
JOHNS HOPKINS UNIV/BALTIMORE, MD	93.242	#145278	-	31
Alcohol Research Programs				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.273	A175538	-	8
Drug Abuse and Addiction Research Programs				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.279	A371765	-	16,842
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	93.279	S50142-PO 453106	-	291,614
Discovery and Applied Research for Technological Innovations to Improve Human Health				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.286	A369812	-	3,298
EMORY UNIVERSITY/ATLANTA, GA	93.286	A378942	-	9,030
EMORY UNIVERSITY/ATLANTA, GA	93.286	A378960	-	41,608
EMORY UNIVERSITY/ATLANTA, GA	93.286	A380053	-	18,617
EMORY UNIVERSITY/ATLANTA, GA	93.286	A390401	-	78,006
EMORY UNIVERSITY/ATLANTA, GA	93.286	A416007	-	1,290,435
EMORY UNIVERSITY/ATLANTA, GA	93.286	A454923	-	75,363
EMORY UNIVERSITY/ATLANTA, GA	93.286	A454979	-	10,614
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.286	SP00014111-01	-	12,365
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	93.286	RC109911-GT	-	56,809
STANFORD UNIVERSITY/STANFORD, CA	93.286	62440498-142337	-	47,619
UNIVERSITY OF PITTSBURG/PITTSBURG, PA	93.286	AWD00003057(135510-1)	-	30,194
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	93.286	UTA17-000428	-	73,250

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title		Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Minority Health and Health Disparities Research	Passed through from:				
	MOREHOUSE SCHOOL OF MEDICINE/ATLANTA, GA	93.307	SIMON U54S-341004-31001GT	\$ -	\$ 27,670
Trans-NIH Research Support	UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.307	10044779-01	-	105,649
	Passed through from:				
	EMORY UNIVERSITY/ATLANTA, GA	93.310	A373816	-	102,573
	EMORY UNIVERSITY/ATLANTA, GA	93.310	A463275	-	442,530
	EMORY UNIVERSITY/ATLANTA, GA	93.310	S699823	-	(75,053)
	UNIVERSITY OF GEORGIA/ATHENS, GA	93.310	SUB00001822	-	123,267
	VANDERBILT UNIVERSITY	93.310	VUMC73117	-	19,684
National Center for Advancing Translational Sciences	Passed through from:				
	EMORY UNIVERSITY	93.350	A007319 (PREV.T895408)	-	22,682
	EMORY UNIVERSITY/ATLANTA, GA	93.350	A229809	-	(501)
	EMORY UNIVERSITY/ATLANTA, GA	93.350	A355461	-	402,895
	EMORY HEALTHCARE/ATLANTA, GA	93.350	A389421	-	20,223
	EMORY UNIVERSITY/ATLANTA, GA	93.350	A430206	-	22,687
	GEORGIA CLINICAL & TRANSL	93.350	UL1TR002378	-	51,371
Research Infrastructure Programs	Passed through from:				
	EMORY UNIVERSITY/ATLANTA, GA	93.351	T620910	-	47,887
Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development	Passed through from:				
	EMORY UNIVERSITY/ATLANTA, GA	93.360	A240077	-	42,268
Nursing Research	LOCKHEED MARTIN CORP	93.360	LM0065920	-	(2,450)
	Passed through from:				
National and State Tobacco Control Program	QUA INC/NEW ROCHELLE,NY	93.361	146692	-	32,128
	Passed through from:				
Cancer Detection and Diagnosis Research	UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	93.387	1R01HL147256-01	-	330,014
	Passed through from:				
	UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.393	10044693-02	-	88,311
	UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.393	10045740-01	-	13,051
Cancer Detection and Diagnosis Research	Passed through from:				
	NEW YORK UNIVERSITY LANGONE MEDICAL CENTER/NEW YORK, NY	93.394	19-A1-00-1002648	-	243,839
Cancer Treatment Research	Passed through from:				
	EMORY UNIVERSITY/ATLANTA, GA	93.395	A392350	-	24,854
Cancer Centers Support Grants	UNIVERSITY OF MICHIGAN/	93.395	SUBK00008227	-	25,927
	Passed through from:				
Strengthening Public Health Systems and Services through National Partnerships to Improve and Protect the Nation's Health	EMORY UNIVERSITY/ATLANTA, GA	93.397	A396195	-	83,030
	Passed through from:				
	NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	93.421	5 NU38OT000297-02-00	-	55,407

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
ACL National Institute on Disability, Independent Living, and Rehabilitation Research				
Passed through from:				
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.433	SP00014685-01	\$ -	\$ 41,287
UNIVERSITY OF PITTSBURG/PITTSBURG, PA	93.433	0058440 (130293-1)	-	81,356
Cardiovascular Diseases Research				
Passed through from:				
BAYLOR COLLEGE OF MEDICINE/HOUSTON, TX	93.837	#P.O. 700000129	-	105,412
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.837	GENFD0001664762	-	70,066
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.837	GENFD0001776620	-	9,179
EMORY UNIVERSITY/ATLANTA, GA	93.837	A022924	-	116,317
EMORY UNIVERSITY/ATLANTA, GA	93.837	A092263	-	133,949
EMORY UNIVERSITY/ATLANTA, GA	93.837	A179709	-	16,811
EMORY UNIVERSITY/ATLANTA, GA	93.837	A211700	-	128,442
EMORY UNIVERSITY/ATLANTA, GA	93.837	A430859	-	39,623
EMORY UNIVERSITY/ATLANTA, GA	93.837	T586137	-	50,078
OAK RIDGE NATL LAB	93.837	DEAC05000R22725	-	(740)
ROCHESTER INSTITUTE OF TECHNOLOGY/ROCHESTER, NY	93.837	32433-01	-	16,490
SUTTER HEALTH/WALNUT CREEK,CA	93.837	280201017-5249	-	18,203
UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	93.837	GB10347 2133564	-	54,802
Lung Diseases Research				
Passed through from:				
PALO ALTO VETERANS INSTITUTE FOR RESEARCH/PALO ALTO, CA	93.838	NIM0003-03	-	39,624
PALO ALTO VETERANS INSTITUTE FOR RESEARCH/PALO ALTO, CA	93.838	NIM0013-03	-	76,008
Blood Diseases and Resources Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.839	A035610	-	121,778
Arthritis, Musculoskeletal and Skin Diseases Research				
Passed through from:				
COLUMBIA UNIVERSITY/NEW YORK, NY	93.846	2(GG014632-01)	-	71,486
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.846	#SP00013208-01	-	14,799
UNIVERSITY OF OREGON/EUGENE, OREGON	93.846	#217420A	-	98,816
Diabetes, Digestive, and Kidney Diseases Extramural Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.847	A375305	-	1,445
EMORY UNIVERSITY/ATLANTA, GA	93.847	a377120	-	8,347
EMORY UNIVERSITY/ATLANTA, GA	93.847	A380085	-	4,345
EMORY UNIVERSITY/ATLANTA, GA	93.847	A380097	-	26,686
MAYO CLINIC/ROCHESTER, MN	93.847	GEO-235217/PO#65641111	-	(566)
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.847	SP00013928-01	-	54,745
EMORY UNIVERSITY/ATLANTA, GA	93.847	T663443	-	130,040
Extramural Research Programs in the Neurosciences and Neurological Disorders				
Passed through from:				
DREXEL UNIVERSITY/PHILADELPHIA, PA	93.853	900052	-	61,694
EMORY UNIVERSITY/ATLANTA, GA	93.853	A204324	-	256,504
EMORY UNIVERSITY/ATLANTA, GA	93.853	A308633	-	60,076
EMORY UNIVERSITY/ATLANTA, GA	93.853	A310511	-	30,910
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	93.853	0254-A444-4609	-	172,632
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	93.853	#64620	-	348,605
MOREHOUSE SCHOOL OF MEDICINE/ATLANTA, GA	93.853	MELLER-370078 R01 GT	-	20,023

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Allergy, Immunology and Transplantation Research				
Passed through from:				
BOSTON UNIVERSITY/BOSTON, MA	93.855	#-4500002698	\$ -	\$ 58,398
EMORY UNIVERSITY/ATLANTA, GA	93.855	A007606	-	13,113
EMORY UNIVERSITY/ATLANTA, GA	93.855	A085091	-	97,051
EMORY UNIVERSITY/ATLANTA, GA	93.855	A237526	-	92,148
EMORY UNIVERSITY/ATLANTA, GA	93.855	A301957	-	7,276
EMORY UNIVERSITY/ATLANTA, GA	93.855	A333692	-	75,325
EMORY UNIVERSITY/ATLANTA, GA	93.855	A395206	-	22,008
EMORY UNIVERSITY/ATLANTA, GA	93.855	A426469	-	101,442
EMORY UNIVERSITY/ATLANTA, GA	93.855	A451237	-	17,225
EMORY UNIVERSITY/ATLANTA, GA	93.855	AGREEMENT DTD 8/30/19	-	29,775
EMORY UNIVERSITY/ATLANTA, GA	93.855	T939590	-	(9,923)
EMORY UNIVERSITY/ATLANTA, GA	93.855	T970397	-	202,675
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013690-01	-	29,882
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013700-01B	-	314,090
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013890-01	-	133,423
SCRIPPS RESEARCH INSTITUTE/ LA JOLLA, CA	93.855	5-53830	-	239,154
STANFORD UNIVERSITY/STANFORD, CA	93.855	61989439-131451	-	209,818
UNIVERSITY OF ALABAMA AT BIRMINGHAM/BIRMINGHAM, AL	93.855	000521324-002	-	10,324
UNIVERSITY OF ALABAMA AT BIRMINGHAM/BIRMINGHAM, AL	93.855	000528527-001	-	20,720
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.855	#330136	-	178,164
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.855	87100-01	-	(14,740)
UNIVERSITY OF MICHIGAN/	93.855	3004744318	-	(8,719)
UNIVERSITY OF MISSOURI/COLUMBIA, MO	93.855	TBD	-	163,853
UNIVERSITY OF OKLAHOMA/NORMAN, OK	93.855	2020-77	-	49,401
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	93.855	579185	-	17,048
UNIVERSITY OF WASHINGTON/SEATTLE, WA	93.855	UWSC12199	-	47,448
Biomedical Research and Research Training				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.859	T674760	-	36,473
HARVARD UNIVERSITY/BOSTON, MA	93.859	133286-5112927	-	192,176
NEW YORK UNIVERSITY LANGONE MEDICAL CENTER/NEW YORK, NY	93.859	17-A1-00-007405-01; Project # 109740	-	246,677
UNIVERSITY OF WISCONSIN - MADISON/MADISON WI	93.859	#856K520	-	52,456
Child Health and Human Development Extramural Research				
Passed through from:				
UNIVERSITY OF ILLINOIS/CHICAGO, IL	93.865	18095	-	33,322
Aging Research				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	93.866	ASUB000000294	-	35,965
EMORY UNIVERSITY/ATLANTA, GA	93.866	A007350	-	3
EMORY UNIVERSITY/ATLANTA, GA	93.866	A054728	-	13,533
EMORY UNIVERSITY/ATLANTA, GA	93.866	A338984	-	27,421
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	93.866	R0000002734	-	21,528
MAYO CLINIC/ROCHESTER, MN	93.866	GEO-233617/PO#67304962	43,767	276,967
UNIVERSITY OF MICHIGAN/	93.866	SUBK00008360	-	211,018
UNIVERSITY OF NORTH CAROLINA/CHAPEL HILL, NC	93.866	#5111414	-	152,818
UNIVERSITY OF NORTH CAROLINA/CHAPEL HILL, NC	93.866	5118967	-	55,584
WEILL CORNELL MEDICAL COLLEGE/NEW YORK, NY	93.866	ADV PROJECT- SUB W/WCM	-	7,336

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Vision Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.867	#A043837	\$ -	\$ 114,541
EMORY UNIVERSITY/ATLANTA, GA	93.867	A123128	-	(13,381)
EMORY UNIVERSITY/ATLANTA, GA	93.867	A264575	-	-
EMORY UNIVERSITY/ATLANTA, GA	93.867	A332834	-	17,924
EMORY UNIVERSITY/ATLANTA, GA	93.867	A332857	-	50,265
EMORY UNIVERSITY/ATLANTA, GA	93.867	A471296	-	30,238
EMORY UNIVERSITY/ATLANTA, GA	93.867	A473306	-	62,913
NORTHWESTERN UNIVERSITY/EVANSTON, IL	93.867	SP0028943-PROJ0007598	-	1,712
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	93.867	UTA20-000161	-	25,292
CDC's Collaboration with Academia to Strengthen Public Health				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.967	T674525	-	62,871
EMORY UNIVERSITY/ATLANTA, GA	93.967	T807472 SP01AI125180-02	-	65,265
Preventive Health and Health Services Block Grant				
Passed through from:				
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.991	GENFD0001493133	-	42,637
DANA-FARBER CANCER INSTITUTE INC./BOSTON, MA	93.991	1242101	-	11,156
EMORY UNIVERSITY/ATLANTA, GA	93.991	141773	-	7,520
EMORY UNIVERSITY/ATLANTA, GA	93.991	A171995	-	(1,112)
EMORY UNIVERSITY/ATLANTA, GA	93.991	A230010	-	2,547
EMORY UNIVERSITY/ATLANTA, GA	93.991	A251903	-	23,727
EMORY UNIVERSITY/ATLANTA, GA	93.991	T783523	-	62,306
EMORY UNIVERSITY/ATLANTA, GA	93.991	T846705	-	62,801
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.991	SP00013351-03	-	59,371
NORTHWESTERN UNIVERSITY/EVANSTON, IL	93.991	60047538 GIT	-	24,631
THRUST INTERACTIVE/ATLANTA, GA	93.991	9R44GM130282-02	-	72,387
UNIVERSITY OF LOUISVILLE/LOUISVILLE, KY	93.991	ULRF 17-0029-01	-	126,516
UNIVERSITY OF OREGON/EUGENE, OREGON	93.991	215830A	-	258,650
Total Department of Health and Human Services			8,117,658	61,435,936
Department of Homeland Security				
State and Local Homeland Security National Training Program	97.005		11,670	81,177
Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection	97.077		26,226	830,916
State and Local Homeland Security National Training Program				
Passed through from:				
SCIENTIFIC RES	97.005	SR20180956	-	11,643
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	97.005	077083-16371	-	39,640
ZETA ASSOCIATES INC	97.005	173118LS-GTARC-01	-	247,028

See accompanying notes to Schedule of Expenditures of Federal Awards.

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title		Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Centers for Homeland Security					
Passed through from:					
ARIZONA STATE UNIVERSITY/TEMPE, AZ		97.061	18-340	\$ -	\$ (1,387)
ARIZONA STATE UNIVERSITY/TEMPE, AZ		97.061	ASU800000286	-	233,272
IEM INC/BATON ROUGE, LA		97.061	AGR 2013-002	-	34,013
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL		97.061	077083-17698	-	57,277
Homeland Security Grant Program					
Passed through from:					
GA EMERGENCY MGMT AGENCY		97.067	DELIVERY ORDER 63	-	(239)
GEORGIA EMERGENCY MGMT & HOMELAND SECURITY AGCY/ATLANTA, GA		97.067	GRANT #20	-	5,210
Total Department of Homeland Security				<u>37,896</u>	<u>1,538,550</u>
Agency for International Development					
USAID Foreign Assistance for Programs Overseas					
Passed through from:					
FHI 360/PARTNERS/DURHAM, NC		98.001	PO20000139	381,239	985,244
Total Agency for International Development				<u>381,239</u>	<u>985,244</u>
Total Research and Development-Cluster				<u>138,186,647</u>	<u>882,099,839</u>
Student Financial Assistance-Cluster:					
Department of Education					
Federal Supplemental Educational Opportunity Grants		84.007		-	652,344
Federal Work-Study Program		84.033		-	452,560
Federal Perkins Loan Program_Federal Capital Contributions		84.038		-	4,020,072
Federal Pell Grant Program		84.063		-	11,590,499
Federal Direct Student Loans		84.268		-	69,959,609
Federal Work-Study Program		84.033		-	-
Passed through from:					
GA DEPT OF EDUCATION/		84.033	AWD-000179	-	(9,913)
GA DEPT OF EDUCATION/		84.033	AWD-100092	-	314
GA DEPT OF BEHAVIORAL HLTH AND DEVP DISABILITIES/ATLANTA,GA		84.033	AWD-100090	-	121
GA DEPT OF EDUCATION/		84.033	AWD-100091	-	(691)
Federal Pell Grant Program					
Passed through from:					
GA DEPT OF EDUCATION/		84.063	AWD-000002	-	68,493
Total Student Financial Assistance-Cluster:				<u>-</u>	<u>86,733,408</u>

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Other Programs:				
Department of Agriculture				
Agricultural Research Basic and Applied Research				
	Passed through from:			
	DAVID & LUCILE PACKARD FOUNDATION/LOS ALTOS, CA.			
	10.001	2016-65140	\$ -	\$ 160,270
Total Department of Agriculture			-	160,270
Department of Commerce				
Economic Development_Technical Assistance	11.303		310,836	762,036
Trade Adjustment Assistance for Firms	11.313		137,077	183,259
Manufacturing Extension Partnership	11.611		88,509	3,353,417
Minority Business Resource Development	11.802		289,230	527,935
MBDA Business Center	11.805		95,350	258,886
Measurement and Engineering Research and Standards				
	Passed through from:			
	POLYTECHNIC UNIVERSITY OF PUERTO RICO/SAN JUAN, PUERTO RICO			
	11.609	AGMT DTD 9/26/19	-	53,040
Manufacturing Extension Partnership				
	Passed through from:			
	NEW JERSEY MANUFACTURING EXTENSION PROGRAM INC (NJMEP)/CEDAR KNOLLS, NJ			
	11.611	AGMT DTD 3/1/2020	-	53,000
Total Department of Commerce			921,002	5,191,573
Department of the Army				
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	25,905
Total Department of the Army			-	25,905
Department of the Air Force				
Air Force Defense Research Sciences Program	12.800		-	130
	Passed through from:			
	SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION/DAYTON, OH			
	12.800	RY9-GA-19-5-AFRL2	-	(694)
Total Department of the Air Force			-	(564)
Department of Defense				
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	316,946
Total Department of Defense			-	316,946
Department of Justice				
Crime Victim Compensation				
	Passed through from:			
	STATE OF GEORGIA - CRIMINAL JUSTICE COORDINATING COUNCIL/ATLANTA, GA			
	16.575	C15-8-380	-	567
Total Department of Justice			-	567

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Department of Labor				
Occupational Safety and Health_Susan Harwood Training Grants	17.502		\$ -	\$ 36,886
Consultation Agreements	17.504		-	1,302,876
WIOA Dislocated Worker Formula Grants				
Passed through from:				
NORTHWEST GEORGIA REGIONAL COMMISSION/ROME, GA	17.278	CONTRACT DATED 1 SEPT 2017	-	80,119
Total Department of Labor			-	1,419,881
Department of Transportation				
Highway Training and Education	20.215		-	21,920
Highway Research and Development Program				
Passed through from:				
THE NATIONAL ACADEMIES	20.200	FELLOWSHIP FOR MOSES IKE-SEP 2	-	27,000
Highway Planning and Construction				
Passed through from:				
GEORGIA DEPT OF TRANSPORTATION	20.205	AGR DTD 10/05/2017 - T8499	-	1,033
GEORGIA DEPT OF TRANSPORTATION	20.205	AWD-103523	-	777
GEORGIA DEPT OF TRANSPORTATION	20.205	TO 2014-103 RP 20-13	-	45,583
University Transportation Centers Program				
Passed through from:				
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.701	C-TEDD 2020 - RE:2016 MOU	-	4,200
Total Department of Transportation			-	100,513
Department of Treasury				
COVID-19 Coronavirus Relief Fund	21.019		-	(72,939)
Total Department of Treasury			-	(72,939)
National Aeronautics and Space Administration				
Aeronautics	43.002		-	43,000
Space Technology	43.012		-	218,470
Total National Aeronautics and Space Administration			-	261,470
National Endowment for the Humanities				
Promotion of the Humanities Research	45.161		1,195	25,354
Promotion of the Humanities Office of Digital Humanities	45.169		9,356	38,308
Museums for America	45.301		-	(269,704)
Total National Endowment for the Humanities			10,551	(206,042)
VETERANS ADMINISTRATION				

Georgia Tech Research Corporation,
Georgia Tech Applied Research Corporation, and
Georgia Institute of Technology

Schedule of Expenditures of Federal Awards
June 30, 2021

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount	
			Passed Through to Subrecipient	Federal Expenditures
Research and Development	64.054		\$ -	\$ 8,197
Total National Endowment for the Humanities			-	8,197
Environment Protection Agency				
Pollution Prevention Grants Program				
Passed through from:				
ENVIRONMENTAL PROTECTION AGENCY/EPA/ DC	66.708		-	8,021
			-	8,021
Department of Energy				
Office of Science Financial Assistance Program	81.049		-	109,320
Nuclear Energy Research, Development and Demonstration	81.121		-	195,017
Office of Science Financial Assistance Program				
Passed through from:				
SANDIA NATL LABS/SANDIA CORP	81.049	136772	-	(8)
SANDIA NATL LABS/SANDIA CORP	81.049	1443860	-	11,112
Total Department of Energy			-	315,441
Department of Education				
Centers for International Business Education	84.220		-	(4,266)
Education Stabilization Fund	84.425E		-	5,194,039
Education Stabilization Fund	84.425E		-	11,269,068
Passed through from:				
US DEPT OF EDUCATION/GENERAL	84.334	P3345160030	1,512,099	2,518,874
COVID-19 Education Stabilization Fund				
Passed through from:				
US DEPT OF EDUCATION/GENERAL	84.425E	Office of Planning and Budget	-	1,626,039
Total Department of Education			1,512,099	20,603,754
Total Other Programs			2,443,652	28,132,993
Total Expenditures of Federal Awards			\$ 140,630,299	\$ 996,966,240

See accompanying notes to Schedule of Expenditures of Federal Awards.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

YEAR ENDED JUNE 30, 2021

Note 1—Basis of presentation

The accompanying schedule of expenditures of federal awards includes the federal grant activity of Georgia Tech Research Corporation ("GTRC"), Georgia Tech Applied Research Corporation ("GTARC"), and Georgia Institute of Technology ("GIT") and is presented on the accrual basis of accounting. The information in the schedule of expenditures of federal awards is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* ("Uniform Guidance"). Therefore, some amounts presented in this schedule of expenditures of federal awards may differ from amounts presented in or used in the preparation of the basic financial statements. Because the schedule of expenditures of federal awards presents only a selected portion of the activities of GTRC, GTARC and GIT, it is not intended to, and does not, present either the financial position, changes in net position, or cash flows of GTRC, GTARC and GIT.

Basis of Accounting – Expenditures reported on the schedule of expenditures of federal awards are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance; wherein certain types of expenditures are not allowable.

Indirect Cost Rate – GTRC, GTARC, and GIT have elected not to use the 10% de minimis indirect cost rate as allowed under the Uniform Guidance.

Note 2—Assistance listing numbers

Assistance Listing numbers that are available for each federal award program are indicated on the schedule of expenditures of federal awards.

Note 3—Student financial aid expenditures

Expenditures for student financial aid programs include the Federal Pell grants to students, the federal share of students' Federal Supplemental Educational Opportunity Grant (FSEOG) program grants, the Federal Work Study (FWS) program earnings, certain other federal financial aid for students, and administrative cost allowances, where applicable. During the fiscal year ended June 30, 2021, GIT disbursed \$73,979,681 in new loans under the Federal Direct Student Loan Programs which included Federal Stafford Loans and Federal PLUS loans. The Federal Perkins Loan Program is administered directly by GIT and balances and transactions relating to the program are included in GIT's financial statements. During the fiscal year ended June 30, 2021, GIT did not disburse new loans under the Federal Perkins Loan Program as under federal law, the authority for schools to make new Perkins Loans ended on Sept. 30, 2017. The balance of loans outstanding under the Federal Perkins Loan program was \$2,979,003 as of June 30, 2021.

Note 4—Contingencies

These award programs are subject to financial and compliance audits by grantor agencies. The amount, if any, of expenditures that may be disallowed by the grantor agencies cannot be determined at this time, although GTRC, GTARC, and GIT expect such amounts, if any, to be immaterial.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS (CONTINUED)

YEAR ENDED JUNE 30, 2021

Note 5—Higher Education Emergency Relief Fund

The Coronavirus Aid, Recovery, and Economic Security Act created a Higher Education Emergency Relief Fund (“HEERF”) to provide financial relief to students and institutions who were impacted by the COVID-19 pandemic. The Coronavirus Response and Relief Supplemental Appropriations Act and the American Rescue Plan provided additional rounds of HEERF (II and III) funding. HEERF funds contained three components, an institutional award, a student aid award, and a strengthening institutions award.

The following cumulative amounts have been awarded under HEERF as of June 30, 2021:

	Student Portion	Institutional Portion	Total
HEERF I	\$ 5,194,039	\$ 5,194,038	\$ 10,388,077
HEERF II	5,194,039	11,269,068	16,463,107
HEERF III	14,177,162	14,097,371	28,274,533
	<u>\$ 24,565,240</u>	<u>\$ 30,560,477</u>	<u>\$ 55,125,717</u>

GIT expended the following amounts under HEERF during the year ended June 30, 2021:

	Student Portion	Institutional Portion	Total
HEERF I	\$ 1,626,038	\$ -	\$ 1,626,038
HEERF II	5,194,039	11,269,068	16,463,107
HEERF III	-	-	-
	<u>\$ 6,820,077</u>	<u>\$ 11,269,068</u>	<u>\$ 18,089,145</u>

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS

YEAR ENDED JUNE 30, 2021

I. Summary of the Auditor's Results

Financial Statements – Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation

The auditor's reports, dated September 10, 2021, expresses unmodified opinions on whether the financial statements of Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation were prepared in accordance with Generally Accepted Accounting Principles ("GAAP").

One significant deficiency was disclosed during the audit of the financial statements which is reported in the Report of Independent Auditor on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance with *Government Auditing Standards*. No material weaknesses are reported.

No instances of noncompliance material to the financial statements of Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation, which would be required to be reported in accordance with *Government Auditing Standards*, were reported as a result of those audits.

Financial Statements – Georgia Institute of Technology

The State of Georgia Department of Audits and Accounts' audit report, dated December 21, 2021, expresses an unmodified opinion on whether the financial statements of Georgia Institute of Technology were prepared in accordance with GAAP.

No significant deficiencies or material weaknesses were disclosed during the audit of the financial statements of Georgia Institute of Technology in the Report of Independent Auditor on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance with *Government Auditing Standards* issued by the state of Georgia Department of Audits and Accounts dated December 21, 2021.

No instances of noncompliance material to the financial statements of Georgia Institute of Technology, which would be required to be reported in accordance with *Government Auditing Standards*, were reported as a result of the state of Georgia Department of Audits and Accounts audit for the year ended June 30, 2021.

Federal Awards

The auditor's report on compliance for the major federal award programs for Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation, and Georgia Institute of Technology expresses an unmodified opinion on all major programs.

One significant deficiency in internal control over major federal award programs disclosed during the audit is reported in the Report of Independent Auditor on Compliance for Each Major Program and on Internal Control over Compliance Required by the Uniform Guidance. No material weaknesses were reported.

Audit findings that are required to be reported in accordance with 2 CFR section 200.516(a) are reported in the Schedule of Findings and Questioned Costs.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2021

I. Summary of the Auditor's Results (Continued)

Identification of Major Programs

The programs tested as a major program were:

<u>CFDA #</u>	<u>Name of Federal Program</u>
Various	Research and Development Cluster
84.425E	Higher Education Emergency Relief Funding - Student Aid Portion
84.425F	Higher Education Emergency Relief Funding - Institutional Portion

The dollar threshold for Type A programs was \$3,000,000.

The auditee did qualify as a low-risk auditee.

II. Financial Statement Findings

Financial Statement Finding – Georgia Research Corporation, Georgia Tech Applied Research Corporation

The University System of Georgia Office of Internal Audit ("OIA") performed an audit of Georgia Tech Research Corporation and the Georgia Tech Applied Research Corporation.

The following finding and related recommendations resulted from their procedures.

Finding 2021-001 Revenue-sharing Agreement Non-Compliance

Condition: In August 2020, GTRC entered into a revenue-sharing agreement on behalf of Georgia Tech Professional Education (GTPE). This Specialized Services Agreement (SSA) created a contractual obligation with third party organizations. The agreement contained an effective date of August 1, 2020, to continue for twelve months. The SSA referenced a Statement of Work (SOW). The payment structure outlined in the SOW created a revenue-sharing agreement between GTPE and the specified third parties. As such, GTRC did not have the delegation of authority to sign the agreement and create an obligation of Georgia Institute of Technology ("GT") funds. The agreement should have been processed through the GT Purchasing Office in compliance with state procurement policy. At the time of audit fieldwork, GTRC management was collaborating with GT legal counsel and Administration and Finance to determine the best course of action for fulfilling the monetary obligations to date, and the next steps for sourcing a revised agreement through the GT Purchasing Office.

Cause: GTRC management previously entered into revenue-sharing agreements on behalf of GTPE. Earlier in 2021, GTRC and GT management agreed that the agreements should be renegotiated and processed by GT under the state procurement policy. The SSA was signed before the change in practice for these agreements.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2021

II. Financial Statement Findings (Continued)

Criteria: Please note that GTRC is not subject to state procurement policy; however, the agreement to share GTPE revenue is required to be administered under state and Board of Regent's policies. Specifically:

- Georgia Procurement Manual - Section 1.3.4.5. Open Market Purchases, Section 1.4.4.3. Fiduciary Duty and Section 3.6.2. Requirements for Multi-Year Agreements.
- Board of Regents Policies - Section 2.6.4 Agreements, Section 2.6.5 Delegation of Authority and Responsibilities and Section 7.7.1 General Policy.
- GT Signature Authority - Purchasing Agreements.

Risk/Effect:

- Public funds may be spent in violation of laws or policies and pose a reputational risk to GT and GTRC.
- Contract disputes and lawsuits may arise when procurements and contracts are not in compliance with state policy.
- GTRC may incur monetary obligations that are not in support of the primary mission of research.
- The Chief Business Officer, responsible for fiscal oversight of the institution, may be unaware of financial agreements which share GT funds with third parties.

Recommendation:

To resolve these issues and mitigate the existing risks, we recommend GTRC:

- Collaborate with the GT Office of General Counsel (OGC), Office of Administration & Finance (A&F), and GTPE to determine the most appropriate course of action to process payment for obligations to date under the agreement. Requests for payments under this agreement should include (1) Validation that the third party executed the deliverables outlined in the Statement of Work, and (2) Revenue-sharing payment calculations supported by detailed registration fee records. The revenue-sharing agreement should be renegotiated and processed through the GT Purchasing Office in compliance with all state policies. A transition period may be necessary to avoid course interruption for learners.
- Strengthen policies and procedures to prevent the re-occurrence of inappropriately signing similar agreements.

Management's Response:

Management agrees with the finding. See management's corrective action plan.

Financial Statement Finding – Georgia Institute of Technology

None

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2021

III. Federal Award Findings and Questioned Costs

Georgia Institute of Technology's ("GIT" or the "Institute") Department of Internal Audit performed an audit on the subcontract, subaward, and subrecipient monitoring process for active subawards related to the fiscal year ended June 30, 2020.

The following finding and related recommendations resulted from their procedures.

Finding 2021-002 Subrecipient Monitoring – Research and Development Cluster

Compliance Requirement: Subrecipient Monitoring

Condition: Lack of documentation to evidence compliance with federal regulations related to certain subrecipient monitoring activities.

Criteria: As defined in 2 CFR section 200.331 a pass-through entity must (following is not a complete listing):

- Provide required information includes all requirements imposed by the pass-through entity on the subrecipient so that the federal award is used in accordance with Federal statutes, regulations, and the terms and conditions of the Federal award, and any additional requirements that the pass-through entity imposes on the subrecipient in order for the pass-through entity to meet its own responsibility to the Federal awarding agency;
- Evaluate each subrecipient's risk of noncompliance with Federal statutes, regulations, and the terms and conditions of the subaward for purposes of determining the appropriate subrecipient monitoring;
- Consider imposing specific subaward conditions upon a subrecipient if appropriate; and
- Monitor the activities of the subrecipient as necessary to ensure that the subaward is used for authorized purposes, in compliance with Federal statutes, regulations, and the terms and conditions of the subaward; and that subaward performance goals are achieved.

Cause:

- Lack of documented procedures and controls to ensure that Uniform Guidance Audit Reports were adequately documented and reviewed.
- Lack of a documented procedure and oversight to follow up on audit reports and findings.
- OSP Audit Coordinator position was vacant which led to difficulties in adequately monitoring the growing portfolio of subrecipients.
- Lack of updating website for current Uniform Guidance requirements. Lack of documented procedures and controls to ensure that risk assessments were consistently and adequately conducted.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2021

III. Federal Award Findings and Questioned Costs (continued)

Context: The Institute's Department of Internal Audit selected 40 active subawards in the year ended June 30, 2020, of which, 35 were federally funded and 11 met the threshold for a required Single Audit. Out of those 11:

- Four (36%) of the subrecipients did not have either a Single Audit on file or documentation of where a Single Audit was reviewed.
- One subrecipient certified that their Single Audit had not yet been completed and would be ready by a specific date. It was not evident whether the Single Audit was ever received or followed up on.
- One subrecipient certified that their Single Audit had significant deficiencies identified in internal controls over their federal awards program; however, there was a lack of an action plan in place and the Contracting Officer rated the subrecipient as low risk without supporting documentation as to why.
- One subrecipient had findings on their Single Audit regarding procurement and alcohol purchases on federal awards, which is an unallowable cost, and the Contracting Officer rated the subrecipient as low risk without supporting documentation as to why.
- Of the 24 subrecipients that did not require a Single Audit, we noted that 12 did provide documentation or certification including Defense Contract Audit Agency (DCCAA) audit reports, Defense Contract Management Agency ("DCMA") audit reports, third party financial audit reports, or certifications of accounting systems. The remaining 12 certified that they did not require a Single Audit and no other documentation was requested.
- They also noted that OSP's review of Uniform Guidance Audit Reports were completed during the initial stages of the subaward, but there was no evidence of ongoing review beyond the initial year.
- From a sample of 40 active subawards in FY20, six (15%) did not have a risk assessment and Memorandum of Negotiation on file.

Effect: Subrecipients expenditures may not be in compliance with federal or grant award provisions.

Repeat Finding: This finding was a repeat of Finding 2020-002 in the immediate prior audit.

Recommendation:

- Document Uniform Guidance Audit requirements for current active subawards.
- For those who do not require a Uniform Guidance Audit, request alternative audit reports (i.e., DCAA/DCMA audit, third-party financial audit, etc.) or consider reviewing financial statements or administering audit questionnaires.
- Develop, implement, and document procedures for an initial and annual review of all applicable audit reports going forward as part of ongoing subrecipient monitoring.
- Revise the "Subrecipient Uniform Grant Guidance Audit Certification Form" to include Uniform Guidance verbiage.
- Update OSP's subrecipient monitoring website to present current Uniform Guidance requirements.
- Develop and administer standard weighted risk assessments or risk assessment questionnaires for Contracting Officers to utilize for current active subawards based on factors such as program complexity, percentage passed dollar amount of award, prior experience, audit reports, etc.

Management's Response:

Management agrees with the finding. See management's corrective action plan.

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2021

IV. Prior Year Findings

Finding 2020-001 National Institute of Health Salary Cap Limitations

Condition: Annually, the National Institute of Health (“NIH”) publishes information regarding the salary limitation for NIH awards, including flow-through awards from other institutions. The annual salary limitation is multiplied by the effort percentage allocated to the award which then generates the annual salary cap for each employee. Employees with salaries over the cap must have a companion cost share project linked to the NIH award (for reporting purposes) to cover the portion of their salary that exceeds the salary cap.

Due to OneUSG being utilized by all 26 institutions in the University System of Georgia, the Institute was unable to configure the system to implement controls that would be able to monitor potential violations of salary cap limitations.

Current Status: Finding is resolved.

Finding 2020-002 Subrecipient Monitoring

Condition: Lack of documentation to evidence compliance with federal regulations related to certain subrecipient monitoring activities.

Current Status: Finding was partially resolved and is repeated in the 2021 audit as Finding 2021-002.



February 1, 2022

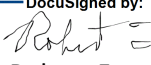
Regarding: Management's Corrective Action Plan for Finding 2021-001 – Revenue-sharing Agreement
Non-Compliance

GTRC management has advised the Georgia Tech Office of General Counsel (OGC), Office of Administration and Finance (A&F), Enterprise Innovation Institute (EII), Georgia Tech Professional Education (GTPE) and other colleges and departments that all future procurements for services in support of Georgia Tech operations must be administered through Georgia Tech Purchasing. GTRC management has also written policies and procedures regarding appropriate and inappropriate procurements for the Research Corporations and trained Office of Sponsored Programs (OSP) Contracting Officers and GTRC Accounting Staff on these policies as they apply to the revenue-sharing agreement that generated this finding.

GTRC management has informed all units involved about the inappropriate actions which resulted in this finding. GTRC's response includes training campus departments, through outreach programs, on the proper authority required to commit resources and upon recognition of situations when payments should be made by Georgia Tech Accounts Payable.

Target Date for Implementing Corrective Action:
GTRC Actions have been completed

Name and Title of Employee(s) Responsible for Implementing Corrective Action:
Robert Foy, Interim General Manager of GTRC/GTARC

Sincerely,
DocuSigned by:

Robert Foy
A032016AEE9C47D...

Interim General Manager of GTRC/GTARC



February 1, 2022

Regarding: Management's Corrective Action Plan for Finding 2021-002 – Subrecipient Monitoring

Georgia Tech (GT) concurs with the recommendations for subrecipient monitoring. The GT Office of Sponsored Programs (OSP) has hired a subrecipient monitoring officer to facilitate the implementation and administration of Georgia Tech's subrecipient monitoring program as required by Uniform Guidance.

Processes and procedures for the subrecipient monitoring program are currently being written and implemented. Once fully implemented, the monitoring program will include: requesting and reviewing all required reports for current/active subrecipients; alternative reports and analysis for subrecipients that are not subject to an annual single audit, a risk analysis program for all future subrecipients, and revision of our "Subrecipient A-133 Audit Certification Form" to include appropriate Uniform Guidance verbiage.

OSP has conducted a thorough review of all subaward policies found in the GT policy library under "Research" policies 5.0 through 5.4. Necessary edits to comply with recent updates to Uniform Guidance, 2 CFR part 200, have largely been completed.

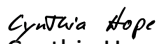
Working with Office of General Counsel, GT Research policy 5.3 has been updated with the current threshold of \$750,000 for subrecipients required to comply with the audit requirements of 2 CFR 200 subpart F F.

Working with GT Purchasing, procurement policies regarding subawards have been deleted and a link to the Research policy has been provided to ensure that policies are in sync and do not provide conflicting guidance.

Target Date for Implementing Corrective Action:
June 30, 2022

Name and Title of Employee(s) Responsible for Implementing Corrective Action:
Steve Pilcher, Subawards Manager
Cynthia Hope, Interim Vice President for Research Administration

Sincerely,
DocuSigned by:


Cynthia Hope
290CA48AF4684F0...

Interim Vice President for Research Administration
Georgia Institute of Technology