

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

COMPLIANCE REPORTS

For the Year Ended June 30, 2020

And Reports of Independent Auditor

**GEORGIA TECH RESEARCH CORPORATION,
GEORGIA TECH APPLIED RESEARCH CORPORATION,
AND GEORGIA INSTITUTE OF TECHNOLOGY**
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**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, 2020, and the related notes to the financial statements which collectively comprise GTRC's basic financial statements, and have issued our report thereon dated September 18, 2020.

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether 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*.

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.

Cheryl Bekart LLP

Atlanta, Georgia
September 18, 2020

Report of Independent Auditor on Compliance for Each Major Program and Report 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, hereinafter referred to as 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, 2020. As part of the coordinated audit, we did not audit compliance requirements as described in *OMB Compliance Supplement* related to equipment and real property management and procurement, suspension and debarment for the Research and Development Cluster major federal program. Those compliance requirements were audited by state of Georgia Department of Audits and Accounts whose report thereon has been furnished to us, and our opinion, insofar as it relates to those requirements, is based solely on the reports of the state of Georgia Department of Audits and Accounts dated February 1, 2021, which reports no findings in relation to internal control over compliance in accordance with the *OMB Compliance Supplement*. 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, 2020.

Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying schedule of findings and questioned costs as items 2020-001 and 2020-002. Our opinion on each major federal program is not modified with respect to these matters.

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 2020-002 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.

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

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, 2020, and the related notes to the financial statements, which collectively comprise GTRC's basic financial statements. We issued our report thereon dated September 18, 2020, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise GTRC's basic financial statements. The accompanying schedule of expenditures of federal awards for the Organization is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements.

The 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, 2020, 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 15, 2020. We did not audit the financial statements of Georgia Institute of Technology which represent approximately 29% of the expenditures in the accompanying schedule of expenditures of federal awards. Such information related to GTRC has been subjected to the auditing procedures applied in our audit of GTRC's basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion the schedule of expenditures of federal awards, in relation to GTRC, is fairly stated in all material respects in relation to the basic financial statements of GTRC taken as a whole.

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.

Cherry Bekaert LLP

Atlanta, Georgia

March 3, 2021, except for the Schedule of Expenditures of Federal Awards,
as to which the date is September 18, 2020.

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

YEAR ENDED JUNE 30, 2020

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		\$ -	\$ 321,064
Agriculture and Food Research Initiative (AFRI)	10.310		-	772,142
Wood Utilization Assistance	10.674		-	89,364
Agricultural Research Basic and Applied Research Passed through from:				
OREGON STATE UNIVERSITY/CORVALLIS, OR	10.001	J2285A-C	-	13,901
Agriculture and Food Research Initiative (AFRI) Passed through from:				
LSU/BATON ROUGE, LA	10.310	PO-0000037155	-	57,779
UNIVERSITY OF FLORIDA/	10.310	UFDSP00012103	-	91,532
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	10.310	A005124701	-	4,857
US ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.310	E18-16	-	109,147
Sun Grant Program Passed through from:				
UNIVERSITY OF TENNESSEE/	10.320	9500070415	-	1,114
Forestry Research Passed through from:				
U.S ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.652	E17-22	-	108,718
Wood Utilization Assistance Passed through from:				
US ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.674	E19-08	-	4,919
Total Department of Agriculture			-	1,574,537
Department of Commerce				
Economic Development-Technical Assistance	11.303		-	126,633
Climate and Atmospheric Research	11.431		-	225,780
Weather and Air Quality Research	11.459		-	10,318
Measurement and Engineering Research and Standards	11.609		128,337	2,370,409
Science, Technology, Business and/or Education Outreach	11.620		-	30,087
Ocean Exploration Passed through from:				
MOTE MARINE LABORATORY/SARASOTA, FL	11.011	MML 105-320	-	37,086
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	-	38,282
Sea Grant Support Passed through from:				
MARINE EXTENSION AND GEORGIA SEA GRANT/ATHENS, GA	11.417	AWARD_CONTRACT_LINE-3-28864	-	9,696
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	#SUB00002066	-	30,793
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	AWARD LTR DTD 18 SEP 2019	-	20,069
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	RR746-096/S001611	-	98,220
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	RR746-096/S001612	-	33,972
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB00002069	-	19,344
UNIVERSITY OF GEORGIA/ATHENS, GA	11.417	SUB00002218	-	10,000
Coastal Zone Management Administration Awards Passed through from:				
GA DEPT NATURAL RESOURCES/	11.419	AGR DTD 16 OCT 2019	-	2,501
Applied Meteorological Research Passed through from:				
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	11.468	R01856	-	41,146
Measurement and Engineering Research and Standards Passed through from:				
LEHIGH UNIVERSITY/BETHLEHEM, PA	11.609	543580-78002	-	45,783
Arrangements for Interdisciplinary Research Infrastructure Passed through from:				
COLORADO STATE UNIVERSITY/COLLINS, CO	11.619	G-00745-13	-	36,101
NIIMBL/WASHINGTON, DC	11.619	PC1.0-26	-	148,944
NIIMBL/WASHINGTON, DC	11.619	PC1.0-26TBD	-	12,410
Total Department of Commerce			128,337	3,347,574

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

YEAR ENDED JUNE 30, 2020

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 Army				
Basic and Applied Scientific Research	12.300		\$ 708,177	\$ 23,713,740
Military Medical Research and Development	12.420		205,997	1,292,049
Basic Scientific Research	12.431		17,584,838	149,004,833
Basic, Applied, and Advanced Research in Science and Engineering	12.630		199,524	2,829,432
Military Medical Research and Development				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	12.420	A083981	-	10,638
MISSISSIPPI STATE UNIVERSITY/MISSISSIPPI STATE, MS	12.420	183905.310605.01	-	50,793
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	12.420	084199-16474	-	17,144
WAKE FOREST UNIVERSITY/WINSTON SALEM, NC	12.420	WFUHS 441052 ER-02	(278)	7,836
Basic Scientific Research				
Passed through from:				
ADVANCED TECHNOLOGY INTERNATIONAL/SUMMERVILLE, SC	12.431	PA 03/NSC-16-0160	37,527	136,789
ADVANCED TECHNOLOGY INTERNATIONAL/SUMMERVILLE, SC	12.431	2017-311A (WAS 2017-311) PA02	-	2,031
ADVANCED TECHNOLOGY INTERNATIONAL/SUMMERVILLE, SC	12.431	2017-311A PA 5	3,484,881	5,786,182
ADVANCED TECHNOLOGY INTERNATIONAL/SUMMERVILLE, SC	12.431	PA 04; NSC-16-0190	66,785	190,527
ATA ENGINEERING INC./SAN DIEGO, CA	12.431	AGT DTD OCT 13, 2017	-	30,263
AUTONOMOUS SOLUTIONS INC./MENDON, UT	12.431	AGMT DTD 19-JUN-2020	-	3,726
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	12.431	1130233-423485	-	109,767
CONTINUUM DYNAMICS INC./EWING, NJ	12.431	PO # 19-181	-	21,138
CORNELL UNIVERSITY/ITHACA, NY	12.431	76091-10525	-	395,858
DIGITAL ANALOG INTEGRATION INC./AUBURN,AL	12.431	AGMT DTD 18-NOV-2015	-	16,636
DIGITAL ANALOG INTEGRATION INC./AUBURN,AL	12.431	W9110X19C004	-	16,837
GIRD SYSTEMS INC./CINCINNATI, OH	12.431	42-002-1018CF40	-	598,389
GIRD SYSTEMS INC./CINCINNATI, OH	12.431	W15QKN-15-9-1004	-	82,467
GRAF LLC/BLACKSBURG,VA	12.431	W56KGU-18-C-0020	-	68,412
JACOBS TECHNOLOGY INC./FT. WALTON BEACH, FL	12.431	6/21/19 MEMO TO FILE	-	277
KAREM AIRCRAFT/ LAKE FOREST, CA	12.431	25115	-	73,662
LUNA INNOVATIONS/BLACKBURG, VA	12.431	3623-ARM-1T/GTARC	-	43,869
METOVA FEDERAL LLC./CABOT, AR	12.431	CBL-240	-	(482)
MILLENNITEK LLC/KNOXVILLE, TN	12.431	AGR DTD 09/25/2017	-	4,554
NATIONAL ADVANCED MOBILITY CONSORTIUM/ANN ARBOR, MI	12.431	70-201708 T01	-	360,530
NORTH CAROLINA A&T STATE UNIV/GREENSBORO, NC	12.431	5902	-	28,229
RADIANCE TECHNOLOGIES/HUNTSVILLE, AL	12.431	185-1329	-	115,588
SAIC	12.431	4600005751/5	-	-
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	AGR DATED 5/14/18	-	(132)
SIGNATURE RESEARCH INC./CALUMET, MI	12.431	AGR DTD 04/11/17	-	100,876
SOUTH CAROLINA RES AUTH/CHARLESTON, SC	12.431	2017-311 PROJECT AGREEMENT 04	-	(26,589)
STANFORD UNIVERSITY/STANFORD, CA	12.431	#61892934-130810	-	233,698
STEVENS INST OF TECHNOLOGY/	12.431	#2102942-01	-	79,482
STEVENS INST OF TECHNOLOGY/	12.431	2102960-01	-	149,939
UCLA/LOS ANGELES, CA	12.431	1000GSA785	120,530	183,518
UNIVERSITY OF ARIZONA/TUCSON, AZ	12.431	530518	-	39,604
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	12.431	078122-17266	-	119,025
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.431	572622	-	847,753
UNIVERSITY OF WASHINGTON/SEATTLE, WA	12.431	UWSC7915 P.O. # BPO 3109	-	10,993
	12.431			
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
ADVANCED REGENERATIVE MANUFACTURING INSTITUTE/MANCHESTER, NH	12.630	T0170	-	8,326
LOCKHEED MARTIN/ORLANDO, FL	12.630	4103970772	-	17,892
PHOSPHORTECH CORPORATION/MABLETON, GA	12.630	AGR DTD 8/4/2017	-	227,109
POLY-ORTH INTERNATIONAL/SHARON, MA	12.630	AGMT DTD 12/23/16	9,988	10,322
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.630	GRP122-01	-	57,876
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.630	#576905	-	152,968
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.630	575015	-	39,890
UNIVERSITY OF TEXAS AT DALLAS/RICHARDSON, TX	12.630	1907638	-	60,801
Total Department of the Army			22,417,969	187,325,065

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

YEAR ENDED JUNE 30, 2020

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 Navy				
Basic and Applied Scientific Research	12.300		\$ 18,585,560	\$ 57,982,087
Basic Scientific Research	12.431		131,207	349,436
Basic, Applied, and Advanced Research in Science and Engineering	12.630		1,467	150,823
Air Force Defense Research Sciences Program	12.800		-	8,455,725
Research and Technology Development	12.910		-	254,850
Basic and Applied Scientific Research				
Passed through from:				
AMERICAN SYSTEMS CORPORATION/CHANTILLY, VA	12.300	S19025_1	-	191,538
AMEWAS INC/LEXINGTON PARK, MD	12.300	PO18-01655	-	53,685
AMEWAS/CALIFORNIA, MD	12.300	PO19-01008	-	387,379
BOEING RESEARCH & TECHNOLOGY/SEATTLE, WA	12.300	1451798	-	293,431
BORGWARNER/ ARDEN, NC	12.300	ARG DTD 11/22/2019	-	60,327
COGNITIVE ENGINEERING RESEARCH INSTITUTE (CERI)/MESA, AZ	12.300	CERI GTRC 2017-2382	-	94,649
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	141428	-	2,734
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	AGT DTD MAY 27, 2017	-	114,999
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	AGT DTD OCT 10, 2017	-	74,661
CRAFT TECH/HUNTSVILLE, AL	12.300	N68335-18-C-0850	-	37,380
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.300	DI-SC-19-40/TO 0001	-	3,031,073
ENGLITY CORPORATION / BILLERICA, MA	12.300	PO-0017302	-	-
ENVISIONEERING INCORPORATED/KING GEORGE, VA	12.300	PO 19-0426	-	139,760
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	12.300	R02079	-	33,236
INNOVEERING LLC./RONKONKOMA, NY	12.300	AGT DTD NOV 1, 2017	-	9,934
JACOBS TECHNOLOGY INC/FT. WALTON BEACH, FL	12.300	1172-384-15-03	-	167,244
JACOBS TECHNOLOGY INC/FT. WALTON BEACH, FL	12.300	CES-III-13-043	-	(67,794)
LEIDOS INC	12.300	P010217722	-	97,622
LEIDOS INC/MCLEAN, VA	12.300	P010230959	-	103,499
LEIDOS INC/MCLEAN, VA	12.300	P010237525	-	52,081
LUNA INNOVATIONS/BLACKBURG, VA	12.300	29601	-	718
LUNA INNOVATIONS/BLACKBURG, VA	12.300	3602-NVY-25/GTRI	-	60,239
LUNA INNOVATIONS/BLACKBURG, VA	12.300	AGR DTD 12/19/16	-	42,822
NEC CORPORATION/KAWASAKI, KANAGAWA/JAPAN	12.300	AGR 01/01/2020	-	79,897
NORTHROP CORPORATION/	12.300	7500159934	-	2,483,552
PENDAR TECHNOLOGY/CAMBRIDGE, MA	12.300	AGR DTD 01/01/20	-	30,000
PHYSICAL OPTICS CORPORATION/TORRANCE, CA	12.300	POC#10201-GTRI	-	470,963
PHYSICAL SCIENCES INC/ANDOVER, MA	12.300	87352-4233-46	-	65,932
PRINCETON UNIVERSITY/PLAINSBORO, NJ	12.300	SUB0000364	-	125,002
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	12.300	13000648-032	-	2,182
RAYTHEON COMPANY/INDIANAPOLIS,IN	12.300	4201913471	-	(338)
SAIC	12.300	P010236291	-	(1,325)
SAIC	12.300	P010238931	-	552,092
SOAR TECHNOLOGY INC/ANN ARBOR, MI	12.300	34208	-	43,373
SOAR TECHNOLOGY INC/ANN ARBOR, MI	12.300	SC-18-015	-	9,180
SOAR TECHNOLOGY INC/ANN ARBOR, MI	12.300	SC-19-005	-	120,926
STEALTH SOFTWARE TECHNOLOGIES, INC.	12.300	AGREEMENT DATED 9 OCT 2019	-	123,563
STRATEGIC ANALYSIS INC/ARLINGTON, VA	12.300	SA-GAT-NRL-0135-2019	-	136,891
TEKLA RESEARCH INC/DUMFRIES, VA	12.300	TRI-18-007	-	1,821
TUFTS UNIVERSITY/MEDFORD, MA	12.300	ONR029	-	183,394
UNIVERSITY OF CALIFORNIA/SAN DIEGO,CA	12.300	#108547341	-	92,652
UNIVERSITY OF CALIFORNIA/SAN DIEGO,CA	12.300	43019109	-	(1,026)
UNIVERSITY OF CONNECTICUT/STORRS, CT	12.300	176432	-	28,687
UNIVERSITY OF CONNECTICUT/STORRS, CT	12.300	184733	-	341,791
UNIVERSITY OF MARYLAND/COLLEGE PARK, MD	12.300	43832-28995001	-	48,594
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.300	208107GT	-	137,804
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES,CA	12.300	118062232	-	15,000
UNIVERSITY OF SOUTHERN CALIFORNIA/MARINA DEL RAY, CA	12.300	127224382	-	127,342
UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	12.300	GG12136.159334	-	187,327
UNIVERSITY OF WASHINGTON/SEATTLE, WA	12.300	#UWSC9065	-	431,556
VIASAT INC/DULUTH, GA	12.300	4208464	-	431,953

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

YEAR ENDED JUNE 30, 2020

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:				
DRAPER LABORATORY/CAMBRIDGE, MA	12.630	SC001-0000001318	\$ -	\$ 96,139
Air Force Defense Research Sciences Program				
Passed through from:				
PHYSICAL SCIENCES INC/ANDOVER, MA	12.800	10-02267	-	6,105
Research and Technology Development				
Passed through from:				
GENERAL DYNAMICS - BATH IRON WORKS, BATH, ME	12.910	07162AOWLH	-	179,101
Total Department of the Navy			18,718,234	78,724,268
Department of the Air Force				
Basic and Applied Scientific Research	12.300		1,044,000	12,226,449
Basic, Applied, and Advanced Research in Science and Engineering	12.630		1,272,907	9,136,172
Air Force Defense Research Sciences Program	12.800		40,476,737	165,170,348
Mathematical Sciences Grants	12.901		-	162,868
Research and Technology Development	12.910		390,161	1,069,386
Basic and Applied Scientific Research				
Passed through from:				
CRAFT TECH/PIPERSVILLE, PA	12.300	140988	-	14,667
Basic Scientific Research				
Passed through from:				
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	SR20180749	-	540,803
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	SR20180865	-	352,230
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	SR20180986	-	66,853
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
ALION SCIENCE AND TECHNOLOGY CORP/MCLEAN, VA	12.630	SUB1148651-001 TO NO. 001	-	255,429
AZIMUTH CORPORATION/BEAVERCREEK, OH	12.630	AWARD_CONTRACT_LINE-3-16022	-	74,896
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01 TO 117	-	52,753
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01 TO 128	-	233,445
JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT WALTON BEACH, FL	12.630	1153-01-01-06	-	12,523
LEIDOS INC	12.630	P010170252-1	-	741
LEIDOS INC	12.630	P010192863	-	1,591,623
Air Force Defense Research Sciences Program				
Passed through from:				
ALTAMIRA TECHNOLOGIES CORPORATION/MCLEAN, VA	12.800	13025_001-GTRI	-	214,891
APPLIED RESEARCH SOLUTIONS/BEAVERCREEK,OH	12.800	115	-	80,930
ATC MATERIALS/WESTLAKE, OH	12.800	69361	-	7,985
ATC MATERIALS/WESTLAKE, OH	12.800	AGMT DTD 11-08-2019	-	57,698
AURA TECHNOLOGIES LLC./RALEIGH, NC	12.800	AGR DTD 11/14/17	-	(2,886)
BAE SYSTEMS/NASHUA, NH	12.800	994129	-	(5,869)
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	77723/1138629	-	(130)
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	81628/1147215-2	-	47,083
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	85442	-	196,021
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	87545/1160002	-	400
BINGHAMTON UNIVERSITY/BINGHAMTON, NY	12.800	AWARD_CONTRACT_LINE-3-18232	-	118,091
BOEING COMMERC AIRPLANE/	12.800	1636529	-	41,005
BOOZ, ALLEN AND HAMILTON INC	12.800	1064455B18	-	85,054
BOOZ, ALLEN AND HAMILTON INC	12.800	1064455B18/TO 3	-	767,129
CLARKSON AEROSPACE/HOUSTON, TX	12.800	13-57700-02-C2	-	-
CORNELL UNIVERSITY/ITHACA, NY	12.800	89102-11265	-	165,834
CORVID TECHNOLOGIES/MOORESVILLE, NC	12.800	FA8650-18-P-5047	-	(78)
ENGINEERING RESEARCH AND ANALYSIS INC./DAYTON, OH	12.800	FA9101-19-C-0033	-	152,552
FLEXTECH ALLIANCE INC/SAN JOSE, CA	12.800	3	43,102	349,485
FLORIDA INST OF TECH/	12.800	DTFAC-17-C-0001	-	51,904
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	12.800	800009491-01UG	-	205,662
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	12.800	800011034-01UG	-	1,392
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	12.800	AWARD DTD 11/18/19	-	55,510
HEWLETT PACKARD ENTERPRISE COMPANY/PALO ALTO, CA	12.800	CW2275049	-	(8)
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	FA865015D2516	-	43,197
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	PO 193640	-	239,290

**GEORGIA TECH RESEARCH CORPORATION,
 GEORGIA TECH APPLIED RESEARCH CORPORATION,
 AND GEORGIA INSTITUTE OF TECHNOLOGY**
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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	PO 194763	\$ -	\$ 120,979
INNOVATIVE ADVANCED MATERIALS INC/HAMPTON, GA	12.800	AGT DTD AUGUST 25, 2017	-	24,034
INNOVATIVE SCIENTIFIC SOLUTIONS INC (ISSI)/DAYTON, OH	12.800	AGR DTD 4/28/2020	-	80,695
INNOVATIVE SCIENTIFIC SOLUTIONS INC (ISSI)/DAYTON, OH	12.800	FA650-19-P-2026	-	31,795
IOWA STATE UNIVERSITY/AMES, IA	12.800	130186	-	6,933
JT4-LLC/LAS VEGAS, NV	12.800	FA8240-18-C-7218	-	6,677
L3 TECHNOLOGIES/GREENVILLE,TX	12.800	4501766939	-	80,000
L3 TECHNOLOGIES/GREENVILLE,TX	12.800	4700083088	-	28,727
LINCOLN LABORATORY/MASSACHUSETTS INST OF TECH	12.800	7000472951	-	361,361
LINCOLN LABORATORY/MASSACHUSETTS INST OF TECH	12.800	7000437192	-	172,628
Lockheed Martin Corporation	12.800	4103577628	-	780
LONG WAVE INC/OKLAHOMA CITY, OK	12.800	GTRC01-001	-	18,379
LUNA INNOVATIONS/BLACKBURG, VA	12.800	3660-AFR-15/GTARC	-	23,150
LUNA INNOVATIONS/BLACKBURG, VA	12.800	FA8650-18-P-5043	-	33
MATRIX RESEARCH AND ENGINEERING / DAYTON, OH	12.800	ESCE-002	-	37,300
MATRIX RESEARCH AND ENGINEERING / DAYTON, OH	12.800	S-2014-011-02-04	-	74,561
MATRIX RESEARCH AND ENGINEERING / DAYTON, OH	12.800	TASK ORDER 02	-	47,498
MTECH/LEONARDTOWN,MD	12.800	N000197248P800	-	66,684
NEXTFLEX/SAN JOSE, CA	12.800	AGREEMENT DATED 21-FEB-2017	-	(4)
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	12.800	2019-1679-02	-	94,868
NORTHROP CORPORATION/	12.800	7500165537	-	987,466
NORTHROP CORPORATION/	12.800	7500172237	-	50,077
NORTHROP CORPORATION/	12.800	MP00214577	-	254
NORTHROP GRUMMAN INNOVATION SYSTEMS/PLYMOUTH,MN	12.800	MP00251956	-	19,009
NORTHROP GRUMMAN SYSTEMS CORP/MCLEAN, VA	12.800	7500157138	-	19,002
OHIO AEROSPACE INSTITUTE/CLEVELAND, OH	12.800	OAI-PACE-17005 MOD#002	-	20,830
PEMDAS TECHNOLOGIES AND INNOVATIONS/ ALEXANDRIA, VA	12.800	SSA DATE 26 JUN 2019	-	4,382
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.800	5676-GTRC-AFOSR-0017	-	155,440
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	12.800	#13000716-051	-	180,094
RAYTHEON INTEGRATED DEFENSE SYSTEMS/SUDBURY, MA	12.800	4201988553	-	704,187
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	12.800	14787	-	150,029
RELIANCE TEST AND TECHNOLOGY/HOLLOMAN, AFB, NM	12.800	R17N0095	-	(579)
SARA/CYPRESS, CA	12.800	AFRL52.SC2	-	3,142,393
SENTAR INC./HUNTSVILLE, AL	12.800	AGR DTD 04/12/17	-	5,048
SOSSEC/ATKINSON,NH	12.800	PLA-0047	141,621	502,895
SOUTHWEST RESEARCH INSTITUTE/	12.800	J99080CT	-	59,631
SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION/DAYTON,OH	12.800	RY9-GA-19-5-AFRL2	-	47,885
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	FA8650-18-C-2001	-	110,819
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	SB1717-001-1	-	50,064
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	SB1819-001-1	-	49,634
SPG INSTITUTE INC/DAYTON, OH	12.800	2019-ARC-S-19004	-	543,274
SPG INSTITUTE INC/DAYTON, OH	12.800	2019-ARC-S-19006	-	298,214
STATE UNIV OF NEW YORK/ALBANY, NY	12.800	AGR DTD 3/16/2017	-	28,834
STELLAR SCIENCE LTD/ALBUQUERQUE, NM	12.800	GTARC 140941 8/29/2020	-	59,269
SURVICE ENGINEERING CO/BELCAMP, MD	12.800	085001-002-0181-2014-05	-	10,762
TAU TECHNOLOGIES LLC/ALBUQUERQUE, NM	12.800	TAU 2019-002	-	76,774
THE PERDUO GROUP/BEAVERCREEK, OH	12.800	ATP 13 APR 2020	-	44,846
UES INC/DAYTON, OH	12.800	45688	-	79,324
UES INC/DAYTON, OH	12.800	S-111-048-001	-	11,637
UES INC/DAYTON, OH	12.800	S-124-001-004	-	399,879
UES INC/DAYTON, OH	12.800	S-162-11-MR002	-	41,823
UES INC/DAYTON, OH	12.800	S-162-11-MR003	-	75,000
UES INC/DAYTON, OH	12.800	S-162-11-MR006	-	39,595
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	142411-16F2639-19-48-C11	-	6,615
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	165852-18F5828-19-16-C1	-	65,370
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	165852-19F5830-19-03-C1	-	291,208
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	17-S8401-03-C1	-	86,686
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	18-7900-0008-38-C11	-	(118)
UNIVERSITY OF CALIFORNIA/SANTA BARBARA,CA	12.800	#KK1912	-	114,528
UNIVERSITY OF CENTRAL FLORIDA/	12.800	287381	-	97,158
UTAH STATE UNIVERSITY/LOGAN, UTAH	12.800	CP0047450	-	24,999
VERUS RESEARCH/ALBUQUERQUE, NM	12.800	1110-00037	-	79,223

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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
WYLE LABORATORIES/	12.800	APSC02292	\$ -	\$ 30,963
WYLE LABORATORIES/	12.800	LXS005518	-	58,800
WYLE LABORATORIES/	12.800	LXS006819	-	71,735
Total Department of the Air Force			43,368,528	204,005,364
Department of Defense				
Basic and Applied Scientific Research	12.300		-	10,575,674
Basic Scientific Research - Combating Weapons of Mass Destruction	12.351		320,555	1,669,933
Basic Scientific Research	12.431		-	699,869
Basic, Applied, and Advanced Research in Science and Engineering	12.630		4,153,348	97,575,306
Air Force Defense Research Sciences Program	12.800		-	365,942
Research and Technology Development	12.910		5,598,355	11,355,413
Basic, Applied, and Advanced Research in Science and Engineering Passed through from:				
BAE SYSTEMS/NASHUA, NH	12.630	975057	-	20,150
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	3903	-	200,739
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-18-65	-	490,965
PHYSICAL SCIENCES INC//ANDOVER, MA	12.630	86042-4215-46	-	38,971
RICE UNIVERSITY/HOUSTON, TEXAS	12.630	R18684	-	171,478
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.630	578186	-	149,789
UNIVERSITY OF SOUTH CAROLINA/COLUMBIA, SC	12.630	18-3437	-	(14,510)
ZETA ASSOCIATES INC//FAIRFAX, VA	12.630	090051SC-GTARC-01	-	281,385
EMORY UNIVERSITY/ATLANTA, GA	12.630	A166238	-	109,893
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.630	PGO1801-GT-03-PGO-051-P02	-	100,206
ADVANCED TECHNOLOGY INTERNATIONAL/SUMMERVILLE, SC	12.630	PROJECT AGREEMENT NO.: 1	-	391,391
GRAF LLC/BLACKSBURG,VA	12.630	GTARC136560 DTD. 7-30-2018	-	59,188
STEVENS INST OF TECHNOLOGY/	12.630	2102929-02; WRT-1002	-	12,731
BAE SYSTEMS / BURLINGTON, MA	12.630	1017356	-	589,291
BAE SYSTEMS/NASHUA, NH	12.630	992051	-	29,510
CALIFORNIA INSTITUTE OF TECH/PASEDNA, CA	12.630	S404649	-	59,335
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	12.630	20180196	-	50,919
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	12.630	9373	-	120,727
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA	12.630	56038	-	330,325
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA	12.630	14000419C0048	-	86,270
DRAPER LABORATORY/CAMBRIDGE, MA	12.630	SC001-000000001284	-	25,939
DUKE UNIVERSITY/DURHAM, NC	12.630	313-0639	-	123,520
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TASK ORDER NO 06	-	37,114
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TASK ORDER NO 08	-	100,672
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TO 09	-	73,987
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TO 10	21,390	286,116
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TO 11	-	303,610
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05 TO4	-	331,573
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-15-05/TO7	-	129,654
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01 TASK ORDER 81	-	5,348
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01 TO 129	-	138,525
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01/TO 146	-	80,239
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	DI-SC-16-01/TO 161	-	507,852
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	PO SB80027	-	4,958
DYNETICS INCORPORATED//HUNTSVILLE, AL	12.630	SB800038	-	1,466
EMORY UNIVERSITY/ATLANTA, GA	12.630	T803614	-	(3,652)
EXCET INC/SPRINGFIELD, VA	12.630	8071	-	70,168
EXCET INC/SPRINGFIELD, VA	12.630	PO 7607	-	1
HARRIS CORPORATION/	12.630	PO A000502775	-	335,408
HONEYWELL INC/	12.630	3501700183E	-	(729)
HONEYWELL INTERNATIONAL/COONS RAPID,MN	12.630	3501701149E	-	(1,474)
INTEL CORPORATION/	12.630	CW2051835	-	40,374
INTELLIGENT AUTOMATION INCORPORATED/ROCKVILLE, MD	12.630	2509-1	-	1,062,761
JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT WALTON BEACH, FL	12.630	1153-01-02-06	-	485,414
MACAULEY-BROWN INC/	12.630	DSC2134-01	-	105,684
MICROSEMI CORPORATION/ALISO VIEJO,CA	12.630	PB92205BV	-	42,137
MORSECORP INC./CAMBRIDGE, MA	12.630	ICARUS-3-01	-	90,054
NORTHROP GRUMMAN SYSTEMS CORP/EL SEGUNDO,CA	12.630	8140000981	-	64,077

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YEAR ENDED JUNE 30, 2020

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NOVATEUR RESEARCH SOLUTIONS/LEESBURG, VA	12.630	SUBK-NGA172-003	\$ -	\$ 60,178
OCEUS NETWORKS/RESTON, VA	12.630	P100	-	(5,100)
OHIO STATE UNIVERSITY/COLUMBUS, OH	12.630	60063184 (FORMERLY 60057838)	-	63
OPTISYS/WEST JORDAN, UT	12.630	AGR NOVEMBER 11, 2019	-	3,132
PHOSPHORTECH CORPORATION/MABLETON, GA	12.630	AGE DTD 03/10/16	-	16,510
PHYSICAL SCIENCES INC/ANDOVER, MA	12.630	10-02931	-	6,094
PHYSICAL SCIENCES INC/ANDOVER, MA	12.630	PO 10-04345	-	18,281
QUANTITECH INC/HUNTSVILLE, AL	12.630	47QFSA18F0005	-	48
ROCKWELL COLLINS/ CEDAR RAPIDS, IA	12.630	PO 4507393359	-	67,171
SMARTRONIX INC./HOLLYWOOD, MD	12.630	17R14S, TASK ORDER #01	-	456,974
SPACE DYNAMICS LAB/LOGAN, UTAH	12.630	CP0049402	-	1,096
SPACE DYNAMICS LAB/LOGAN, UTAH	12.630	CP0053206	-	16,162
SPACEWORKS ENTERPRISES/ATLANTA, GA	12.630	AGT DTD APR 9, 2018	-	1
STEVENS INST OF TECHNOLOGY/	12.630	2102876-02	-	15,985
STEVENS INST OF TECHNOLOGY/	12.630	2102962-01; WRT 1012	-	262,435
SYSTEM HIGH/ ARLINGTON,VA	12.630	56133	-	25,464
SYSTEMS ENGINEERING RESEARCH CENTER/HOBOKEN, NJ	12.630	2102961-01	-	6,165
TETRA TECH ARD	12.630	AID-OAA I-14-00068/TO-16-00016	-	326,052
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.630	10037	-	157,454
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	12.630	096363-17536	-	151,881
UNIVERSITY OF MICHIGAN/	12.630	SUBK00011571	-	320,557
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	#203278GT-BAKIR	-	277,110
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	#203278GT-YU	-	400,336
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-KHAN	-	241,113
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-NAEEMI	-	270,791
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	12.630	203278GT-Raychowdhury	-	628,297
WEST COAST SOLUTIONS/HUNTINGTON BEACH, CA	12.630	140208	-	139,859
WEST COAST SOLUTIONS/HUNTINGTON BEACH, CA	12.630	AGR DTD 4-20-18	-	
Air Force Defense Research Sciences Program				
Passed through from:				
ALION SCIENCE AND TECHNOLOGY CORP/MCLEAN, VA	12.800	SUB1148651-002	-	210,863
BAE SYSTEMS/NASHUA, NH	12.800	994129	-	14,976
LOCKHEED MARTIN/FORT WORTH,TX	12.800	6574008559	-	14,983
Research and Technology Development				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	12.910	T680127	-	13,882
GENERAL DYNAMICS/	12.910	02ESM1022277	-	14,359
IBM THOMAS J. WATSON RESEARCH CENTER/YORKTOWN HEIGHTS, NY	12.910	5004876066	-	50,149
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.910	126-003	-	249,777
SIEMENS CORPORATE RESEARCH/PRINCETON, NJ	12.910	TO #22	-	239,348
SRI INTERNATIONAL/PRINCETON,NJ	12.910	206-000114	-	121,663
TELEDYNE SCIENTIFIC & IMAGING LLC/THOUSAND OAKS, CA	12.910	PO00143792	-	92,213
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.910	#00009974	-	20,813
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.910	00010318	-	446
UNIVERSITY OF COLORADO/DENVER, CO	12.910	FY18.920.001	-	87,523
Total Department of Defense			<u>10,093,648</u>	<u>134,956,790</u>
Department of the Interior				
Wildland Fire Research and Studies	15.232		-	26,702
Water Desalination Research and Development	15.506		-	21,428
Assistance to State Water Resources Research Institutes	15.805		25,003	56,385
Earthquake Hazards Program Assistance	15.807		-	12,616
Research Grants (Generic)				
Passed through from:				
GALLUP/WASHINGTON, DC	15.650	D17PC00002	-	283,058
GALLUP/WASHINGTON, DC	15.650	D17PC00002-003	-	40,985
GALLUP/WASHINGTON, DC	15.650	HR001119C0135-001	-	55,250
Total Department of the Interior			<u>25,003</u>	<u>496,424</u>

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YEAR ENDED JUNE 30, 2020

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		\$ -	\$ 423,477
National Institute of Justice Research, Evaluation, and Development Project Grants				
Passed through from:				
THE URBAN INSTITUTE/WASHINGTON, DC	16.560	101749-0001-GTARC-01	-	6,911
Total Department of Justice			-	430,388
Department of Labor				
Occupational Safety and Health-Susan Harwood Training Grants	17.502		-	55,206
Total Department of Labor			-	55,206
Department of Transportation				
Aviation Research Grants	20.108		-	205,579
Air Transportation Centers of Excellence	20.109		23,811	2,071,714
Highway Planning and Construction	20.205		(24)	(397)
Highway Training and Education	20.215		-	15,397
Biobased Transportation Research	20.761		-	61,013
Research Grants	20.762		-	488,195
Aviation Research Grants				
Passed through from:				
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	20.108	X16-8329-GTRC	-	78,183
UNIVERSITY OF FLORIDA/	20.108	UFDSP00011673-PROJ. D	-	77,376
Highway Research and Development Program				
Passed through from:				
OKLAHOMA STATE UNIVERSITY/STILLWATER, OK	20.200	1-578560-GTRC	-	11,433
THE NATIONAL ACADEMIES	20.200	200011051	-	40,256
WSP USA INC/WASHINGTON, DC	20.200	182618L	-	23,185
Highway Planning and Construction				
Passed through from:				
ICF INCORPORATED/FAIRFAX, VA	20.205	17ANSK0018	-	41,646
UNIVERSITY OF NEVADA LAS VEGAS/LAS VEGAS, NV	20.205	GR10321	-	10,231
University Transportation Centers Program				
Passed through from:				
MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	00055082-02A	-	42
MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	00055082-02B	-	129,309
MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY/ROLLA, MO	20.701	00055082-02C	-	76,897
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	20.701	16100096-024	-	104,473
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	20.701	12-S171237	-	160,721
UNIVERSITY OF FLORIDA/	20.701	UFDSP00011673	-	
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.701	019-09	-	40,298
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.701	CTEDD 018-02	-	33,341
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.701	CTEDD 019-21	-	38,085
Research Grants				
Passed through from:				
AMERICAN PLANNING ASSOCIATION/WASHINGTON, DC	20.762	AGMT DTD 7/24/18	-	13,283
ARIZONA STATE UNIVERSITY/TEMPE, AZ	20.762	17-166	-	521,313
ATMOSPHERIC TECHNOLOGY SERVICES COMPANY/NORMAN, OK	20.762	TASK ORDER 0001/BOA 953	-	75
CREARE INC/HANOVER, NH	20.762	6913G618C100008	-	71,747
NATL ACADEMY OF SCIENCES/	20.762	HR-01-60	10,648	207,433
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION/NORFOLK, VA	20.762	AWARD EXECUTED 9/10/19	-	9,000
TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.762	139903	-	38,336
US DEPT OF TRANSPORTATION/FED HIGHWAY ADMIN	20.762	HR 08-102 ITEM 12	4,000	46,877
TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.762	NCHRP-214	-	37,792
TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.762	TCRP A-43	25,579	190,778
TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.762	TCRP J-11(028)	-	-
UNIVERSITY OF CALIFORNIA/DAVIS, CA	20.762	A17-0183-S002	-	621,764
UNIVERSITY OF FLORIDA/	20.762	AMEND #6 (UFDSP00011673)	-	1,746
UNIVERSITY OF FLORIDA/	20.762	AMEND #7 (UFDSP00011673)	-	36,602
UNIVERSITY OF FLORIDA/	20.762	UFDSP00011673 - PROJECT Q2	-	29,238
UNIVERSITY OF FLORIDA/	20.762	UFDSP00011673 (AMEND 4)	-	12,998
UNIVERSITY OF FLORIDA/	20.762	UFDSP00011673 AMEND 18 PROJ H3	-	6,832
UNIVERSITY OF FLORIDA/	20.762	UFDSP00011673 AMEND. 5	-	40,452

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UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.762	CTEDD 018-07	\$ -	\$ 25,651
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.762	CTEDD 2020	-	13,569
UNIVERSITY OF TEXAS AT ARLINGTON/ARLINGTON, TX	20.762	CTEDD 2020-02	-	19,871
Total Department of Transportation			64,014	5,652,334
National Aeronautics and Space Administration				
Science	43.001		2,073,393	7,754,140
Aeronautics	43.002		391,083	1,512,864
Exploration	43.003		113,429	519,899
Education	43.008		292,793	634,340
Cross Agency Support	43.009		-	53,488
Space Technology	43.012		35,371	1,480,413
Science				
Passed through from:				
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	43.001	800007887-01UG	-	97,890
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1570950	-	22,962
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1611139	-	62,438
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1614716	-	10,000
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1614730	-	7,053
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1614809	-	7,382
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1616612	-	(5,305)
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1619992	-	13,666
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1626782	-	17,705
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1627438	-	60,354
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1627988	-	7,804
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1631930	-	164,026
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639444	-	111,318
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639653	-	33,475
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1639764	-	10,990
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1640630	-	21,855
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1641334	-	36,290
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1650969	-	4,358
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	5710004050	-	187,695
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	601050	-	258,945
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	601063	-	87,670
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.001	601065	-	119,618
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	43.001	5953-GTRC-NASA-B50G	-	1,863
SOUTHWEST RESEARCH INSTITUTE/ UCLA/LOS ANGELES, CA	43.001	699054X/15.12029	-	168,991
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	43.001	2090-S-RB151	-	14,966
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	43.001	S-000728	-	311,833
YALE UNIVERSITY/NEW HAVEN, CT	43.001	C16N12519 (CON80001051)	-	21,626
Aeronautics				
Passed through from:				
ANALYTICAL SERVICES AND MATERIALS INC/HAMPTON, VA	43.002	BAART 2019-001	-	66,294
BOOZ, ALLEN AND HAMILTON INC	43.002	AWARD_CONTRACT_LINE-3-20750	-	83,694
BOOZ, ALLEN AND HAMILTON INC	43.002	S9000168AH	-	552,483
CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE (CASIS)/EXPLORATION PARK, FL	43.002	GA-2019-001	-	20,693
CROWN CONSULTING INC/ARLINGTON,VA	43.002	TASK ORDER 02	-	178,167
DNC PARKS & RESORTS AT KSC INC./KENNEDY SPACE CENTER, FL	43.002	TO 1 DTD 11/18/15	-	(777)
DNC PARKS & RESORTS AT KSC INC./KENNEDY SPACE CENTER, FL	43.002	TO 1 DTD 11/18/15	-	45,388
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	43.002	SIGNED 30 AUG 2019	-	23,000
HS ADVANCED CONCEPTS LLC/ALEXANDRIA, VA	43.002	HSAC-001-CON-ASDL	-	3,538
IRVINE SENSORS CORPORATION/COSTA MESA, CA	43.002	80NSSC18C0087	-	66,994
IRVINE SENSORS CORPORATION/COSTA MESA, CA	43.002	AGT DTD OCT 5, 2017	-	1
JACOBS ENGINEERING GROUP	43.002	19N0850	-	20,752
JACOBS ENGINEERING GROUP	43.002	80MSFC18C0011	-	28,335
JACOBS ENGINEERING GROUP	43.002	PO #18N0758	-	84,569
JACOBS SPACE EXPLORATION GROUP/HUNTSVILLE, AL	43.002	19N0544	-	78,215
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1648767	-	18,836
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	43.002	MSA # 115841	-	50,619
MAGNOLIA OPTICAL TECHNOLOGIES INC/WOBURN, MA	43.002	80NSSC18C0093	-	46,883

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MILLENNIUM ENGINEERING AND INTEGRATION COMPANY/ARLINGTON, VA	43.002	2019-0123	\$ -	\$ 771,265
NATIONAL AEROSPACE SOLUTION LLC/ARNOLD AFB,TN	43.002	408427	-	62,398
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	601036	-	410,358
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	601047	-	52,015
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.002	601052	-	225,334
NAVMAR APPLIED SCIENCES COMPANY/WARMINSTER, PA	43.002	WM007916	-	12,918
NORTHERN ARIZONA UNIVERSITY/FLAGSTAFF, AZ	43.002	1003967-01	-	9,820
OHIO STATE UNIVERSITY/COLUMBUS, OH	43.002	60061601	-	287,592
PHYSICAL SCIENCES INC/ANDOVER, MA	43.002	10-02490-1943	-	12,187
SANDIA NATL LABS/SANDIA CORP	43.002	2005349	-	36,104
SETI INSTITUTE/MOUNTAIN VIEW, CA	43.002	SC3131	-	31,320
SPACE DYNAMICS LAB/LOGAN, UTAH	43.002	CP0055174	-	145,902
TRACLABS/WEBSTER, TX	43.002	AGT DTD AUG 25, 2017	-	64,235
UNIVERSITY OF MINNESOTA/ST. PAUL, MN	43.002	H006201401	-	10,773
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	43.002	#133480	-	45,273
UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	43.002	GD10052 152367	18,701	89,518
XAVIER UNIVERSITY OF LA/NEW ORLEANS, LA	43.002	OSP-15-216811-02A	-	138,671
Education				
Passed through from:				
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	201078-GTRC	-	128,507
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	201093-GTRC	-	39,081
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	201155-GTRC	-	13,799
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	301001-GTRC	-	286,619
NATIONAL INSTITUTE OF AEROSPACE/HAMPTON, VA	43.008	T13-6500-GT	-	15,250
PRAIRIE VIEW A&M UNIVERSITY/PRAIRIE VIEW, TEXAS	43.008	M2000595/S200508	-	35,383
Space Technology				
Passed through from:				
MICHIGAN TECHNOLOGICAL UNIVERSITY/HOUGHTON, MICH	43.012	160706024	-	252,868
UNIVERSITY OF CALIFORNIA/DAVIS, CA	43.012	A19-2477-S002	-	288,084
Total National Aeronautics and Space Administration			2,924,770	18,645,570
The National Endowment for the Humanities				
Promotion of the Humanities Research	45.161		-	-
Promotion of the Humanities Office of Digital Humanities	45.169		-	13,782
Promotion of the Humanities_Division of Preservation and Access				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	45.149	RR180-058/S001681	-	31,710
Total The National Endowment for the Humanities			-	45,492
National Science Foundation				
Engineering Grants	47.041		4,315,535	26,029,679
Mathematical and Physical Sciences	47.049		1,416,378	12,509,596
Geosciences	47.050		155,678	2,749,014
Computer and Information Science and Engineering	47.070		245,970	19,107,030
Biological Sciences	47.074		51,710	2,823,162
Social, Behavioral, and Economic Sciences	47.075		-	243,399
Education and Human Resources	47.076		273,807	8,762,746
Polar Programs	47.078		-	13,462
Office of International Science and Engineering	47.079		-	31,237
Office of Integrative Activities	47.083		229,003	593,461
Engineering Grants				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	15-741	-	569,007
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	17-098	-	126,370
COLUMBIA UNIVERSITY/NEW YORK, NY	47.041	1(GG13910)	-	256,682
GEORGE WASHINGTON UNIVERSITY/WASHINGTON, DC	47.041	18-S10	-	71,451
HARVARD UNIVERSITY/BOSTON, MA	47.041	124050-5104116	-	79,557
JOHNS HOPKINS UNIV/BALTIMORE, MD	47.041	2004147329	-	10,202
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.041	5710003968	233,180	1,078,421
MOREHOUSE COLLEGE/ATLANTA, GA	47.041	PO# P0044575	-	1,701
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	47.041	2017-2662-01	-	66,614

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Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
PRINCETON UNIVERSITY/PLAINSBOBO, NJ	47.041	SUB0000385	\$ -	\$ 274,994
TEACHERS COLLEGE - COLUMBIA UNIVERSITY/NEW YORK, NY	47.041	513147	-	31,960
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	47.041	M1900051	-	1,981
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	47.041	9367	-	17,121
UNIVERSITY OF CENTRAL FLORIDA/	47.041	16406249-02	-	53,367
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.041	#083276-16801	-	71,529
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.041	#083276-16803	-	26,754
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.041	083276-16293/GRANT CODE AC291	-	637
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT1	-	26,466
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT2	-	68,439
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT3	-	29,728
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT4	-	11,274
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT5	-	3,227
UNIVERSITY OF MASSACHUSETTS/LOWELL, MASSACHUSETTS	47.041	S58000041772GT6	-	8,268
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	A005261901	-	53,530
UNIVERSITY OF NEBRASKA/LINCOLN, NE	47.041	25-0521-0210-003	-	119,193
UNIVERSITY OF NEBRASKA/LINCOLN, NE	47.041	25-6221-0388-002	-	8,209
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	47.041	UTA15-001072	-	64,032
UNIVERSITY OF WASHINGTON/SEATTLE, WA	47.041	UWSC10741 BPO NO. 34658	-	131,735
Mathematical and Physical Sciences				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	47.049	A213115	-	310,400
SMITHSONIAN INSTITUTION/CAMBRIDGE, MA	47.049	SV9-89019	-	23,917
UNIVERSITY OF WISCONSIN - DISABILITY RESOURCE CENTER/MADISON, WI	47.049	632K273	-	52,024
UNIVERSITY OF WISCONSIN - MADISON/MADISON WI	47.049	0000000293	-	112,193
Geosciences				
Passed through from:				
DUKE UNIVERSITY/DURHAM, NC	47.050	#14-NSF-1074	-	120,450
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	47.050	R02162	-	54,698
NEW YORK UNIVERSITY/NEW YORK, NY	47.050	F0691-01	-	75,564
UNIVERSITY OF CALIFORNIA/SAN DIEGO, CA	47.050	83829300	-	30,692
UNIVERSITY OF NEW HAMPSHIRE/DURHAM, NH	47.050	#14-059	-	30,360
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.050	91270817	-	-
UNIVERSITY OF WISCONSIN - MADISON/MADISON WI	47.050	0000000186	-	49,160
Computer and Information Science and Engineering				
Passed through from:				
2M RESEARCH SERVICES LLC./ARLINGTON, TX	47.070	2017-NSF-10020	-	15,735
ATMOSPHERIC & SPACE TECHNOLOGY RESEARCH ASSOCIATES/LOUISVILLE, CO	47.070	238-01	-	143,986
BARNARD COLLEGE/NEW YORK, NY	47.070	GT-1828168	-	129,523
COMPUTING RESEARCH ASSOCIATION/WASHINGTON, DC	47.070	CCC-GT-07012016	-	(35,296)
CONCORD CONSORTIUM/CONCORD, MA	47.070	318.19.01	-	18,695
CORNELL UNIVERSITY/ITHACA, NY	47.070	72954-10595	-	50,534
EMORY UNIVERSITY/ATLANTA, GA	47.070	T674956	-	14,060
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	47.070	800004907-02	-	108,531
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.070	5710004130	-	26,874
ROANE STATE COMMUNITY COLLEGE/HARRIMAN, TN	47.070	143837	-	26,088
UNIVERSITY OF ALABAMA/TUSCALOOSA, AL	47.070	A19-0027-S001	-	44,829
UNIVERSITY OF CALIFORNIA/DAVIS, CA	47.070	A18-0727-S001	-	12,600
UNIVERSITY OF CALIFORNIA/SANTA BARBARA, CA	47.070	KK1926	-	102,812
UNIVERSITY OF CONNECTICUT/STORRS, CT	47.070	177479	-	116,521
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.070	# 083276-17230	-	65,707
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.070	#083276-17228	-	90,509
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.070	#083276-17340	-	64,547
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.070	075958-16451	-	5,407
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.070	083842-16099	-	274,463
UNIVERSITY OF MICHIGAN/	47.070	SUBK00009143	-	85,553
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.070	A005124701	-	1,140
UNIVERSITY OF NORTH CAROLINA/CHAPEL HILL, NC	47.070	5115818	-	29,658
UNIVERSITY OF NOTRE DAME/SOUTH BEND, IN	47.070	202917GT	-	208,809
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	47.070	UTA17-001353	-	16,047
UNIVERSITY OF WASHINGTON/SEATTLE, WA	47.070	UWSC9939	-	123,653
UNIVERSITY OF WISCONSIN/MILWAUKEE, WI	47.070	183405342/144AAC6327	-	71,607

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VANDERBILT UNIVERSITY/NASHVILLE, TN	47.070	UNIV61111	\$ -	\$ 24,208
VIRGINIA TECH/BLACKSBURG, VA	47.070	480073-19034	-	64,654
WI-SENSE LLC/SMYRNA, GA	47.070	140559	-	14,418
Biological Sciences				
Passed through from:				
CHAPMAN UNIVERSITY/ORANGE, CA	47.074	SPEC SERV AGMT DTD 25-NOV-2019	-	11,000
CORNELL UNIVERSITY/ITHACA, NY	47.074	T.O. 1	-	67,703
EMORY UNIVERSITY/ATLANTA, GA	47.074	T806105	-	40,740
UNIVERSITY OF GEORGIA/ATHENS, GA	47.074	RR182-466/S001304;	-	116,040
UNIVERSITY OF WASHINGTON/SEATTLE, WA	47.074	11361	-	28,785
Social, Behavioral, and Economic Sciences				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	47.075	#A108033	-	34,687
EMORY UNIVERSITY/ATLANTA, GA	47.075	T610300	-	65,810
GEORGETOWN UNIVERSITY/WASHINGTON, DC	47.075	AWD7773294-GR305723	-	1,611
NEW JERSEY INSTITUTE OF TECHNOLOGY/NEWARK, NJ	47.075	997121	-	5,963
SEARCH TECHNOLOGY INC/	47.075	STI-GTRC-18-1	-	54,806
UNIVERSITY OF MICHIGAN/	47.075	SUBK00010837	-	39,606
Education and Human Resources				
Passed through from:				
AMERICAN CHEMICAL SOCIETY	47.076	AGMT DTD 5/28/19	-	84,030
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.076	17-231	256	51,340
NORTHWESTERN UNIVERSITY/EVANSTON, IL	47.076	SP0049508-PROJ0013883	-	1,420
UNIVERSITY OF COLORADO/BOULDER, CO	47.076	1554503	-	180,976
UNIVERSITY OF COLORADO/BOULDER, CO	47.076	1556410	-	35,025
UNIVERSITY OF GEORGIA RESEARCH FDN/ATHENS, GA	47.076	SUB00002131	-	34,012
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	SUB00001592	-	59,500
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	47.076	097202-17661	-	5,353
UNIVERSITY OF ILLINOIS/CHICAGO,IL	47.076	087787-16516	-	27,965
Office of Integrative Activities				
Passed through from:				
UNIV OF KY RESEARCH FDN/LEXINGTON,KY	47.083	3200000271-16-075	-	39,486
Total National Science Foundation			6,921,517	79,886,423
Department of Veteran Affairs				
Research and Development	64.054		-	133,157
Research and Development				
Passed through from:				
LIBERTY IT SOLUTIONS LLC./HERNDON, VA	64.054	17-GTRC-0001	-	21,605
Total Department of Veteran Affairs			-	154,762
Environmental Protection Agency				
Science To Achieve Results (STAR) Research Program	66.509		49,879	66,971
Science To Achieve Results (STAR) Fellowship Program	66.514		-	438
Pollution Prevention Grants Program	66.708		-	10,497
Total Environmental Protection Agency			49,879	77,906
Department of Energy				
Office of Science Financial Assistance Program	81.049		878,974	6,932,595
Conservation Research and Development	81.086		52,329	1,182,365
Renewable Energy Research and Development	81.087		84,961	2,862,080
Fossil Energy Research and Development	81.089		70,351	1,341,455
Stewardship Science Grant Program	81.112		-	99,483
Defense Nuclear Nonproliferation Research	81.113		847,551	1,908,139
Energy Efficiency and Renewable Energy Information				
Dissemination, Outreach, Training and Technical Analysis/Assistance	81.117		59,310	297,103
Nuclear Energy Research, Development and Demonstration	81.121		361,977	1,042,587
Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122		89,752	434,332
Advanced Research and Projects Agency – Energy	81.135		30,924	2,039,433
Office of Science Financial Assistance Program				
Passed through from:				

**GEORGIA TECH RESEARCH CORPORATION,
 GEORGIA TECH APPLIED RESEARCH CORPORATION,
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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)/NEW YORK, NY	81.049	2	\$ -	\$ 134
AMTECH SYSTEMS INC./TEMPE, AZ	81.049	AGREEMENT DATED MARCH 1, 2019	-	119,253
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	0F-60145	-	9,474
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	8F-30135	-	206,363
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	9F-60044	-	101,005
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	AVTC12	-	67,119
AVAPCO LLC./THOMASTON, GA	81.049	1549-00-005	-	1,790
BROOKHAVEN NATIONAL LAB/UPTON, NY	81.049	343172	-	98,498
BROWN UNIVERSITY/PROVIDENCE, RI	81.049	1289	-	52,852
CALABAZAS CREEK RESEARCH INC./SAN MATEO, CA	81.049	67292	-	47,787
CONSOLIDATED NUCLEAR SECURITY LLC./OAK RIDGE, TN	81.049	4300158496	-	67,429
CONSOLIDATED NUCLEAR SECURITY LLC./OAK RIDGE, TN	81.049	4300161789	-	27,126
CONTINUUM DYNAMICS INC./EWING, NJ	81.049	PO 20-065	-	3,849
CONTINUUM DYNAMICS INC./EWING, NJ	81.049	STTR: AGRMT DTD 01 APR 2015	-	4,382
FERMILAB/BATAVIA, IL	81.049	655410	-	104,439
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	81.049	R01436	-	118,212
FLUOR MARINE PROPULSION LLC/WEST MIFFLIN, PA	81.049	131210	-	387,246
HALLIBURTON ENERGY SERVICES/DUNCAN, OK	81.049	DE-FG02-01ER54656	-	206,679
HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGY/KANSAS CITY, MO	81.049	N000339711	-	93,472
HONEYWELL INC/	81.049	AGR DTD 08/07/18	-	28,408
HONEYWELL INC/	81.049	N000250980	-	28,592
HONEYWELL INC/	81.049	N000284887	-	11,933
HONEYWELL INC/	81.049	N000293974	-	30,355
HONEYWELL INC/	81.049	N000297946	-	28,181
HONEYWELL INC/	81.049	N000300107	25,000	213,525
HONEYWELL INC/	81.049	N000300454	-	20,924
HONEYWELL INC/	81.049	N000314432	-	30,955
HONEYWELL INC/	81.049	N000317552	-	376,663
HONEYWELL INC/	81.049	N000338179	-	21,621
HONEYWELL INC/	81.049	N000346564	-	19,430
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	179569	-	12,127
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	190986	-	74,025
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	207604	50,000	107,726
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	226040	-	49,482
Krell Institute	81.049	GR10006105- Krell	-	4,000
Krell Institute	81.049	Krell-01	-	1,385
Krell Institute	81.049	Krell-02	-	1,113
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	7284683	-	1,285
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	7360408	-	381,644
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	7375547	-	12,845
LEADING EDGE CRYSTAL TECHNOLOGIES INC./GLOUCESTER, MA	81.049	AGREEMENT DATED JUNE 1 2018	-	52,180
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B617458	-	386
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B632619	-	56,224
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B632975	-	17,396
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B636911	-	108,320
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B639903	-	15,728
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B640369	-	68,589
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B640461	-	1,202
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	547813	-	1,292,704
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	389971	-	55,550
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	421807	-	63,207
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	515443	-	50,834
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	524823	-	76,943
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	545066	-	232,198
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)/LOS ALAMOS, NM	81.049	547813	-	(1,179)
MELE ASSOCIATES INC./ROCKVILLE, MD	81.049	MELE AGMT 21SEP2018	-	2,063
NATIONAL RENEWABLE ENERGY LAB (NREL)	81.049	XEJ-9-82336-01	-	8,642
NATIONAL RENEWABLE ENERGY LAB (NREL)	81.049	XEJ-9-92261-01	-	29,998
NATIONAL RENEWABLE ENERGY LAB (NREL)	81.049	YGX-9-92320-01	-	23,702
OAK RIDGE ASSOCIATED UNIV/OAK RIDGE, TENNESSEE	81.049	LTR DTD 5/21/18	-	-
OAK RIDGE ASSOCIATED UNIV/OAK RIDGE, TENNESSEE	81.049	LTR DTD 5/28/18	-	(1,316)
OSAZDA ENERGY LLC./ALBUQUERQUE, NM	81.049	AWARD_CONTRACT_LINE-3-16067	-	99,647

**GEORGIA TECH RESEARCH CORPORATION,
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PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	322234	\$ -	\$ 181,780
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	432002	-	45,783
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	439121	-	74,254
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	449705	-	131,332
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	462860	-	57,425
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	521481	-	27,652
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	81.049	S000014-EARPA	-	120,128
PHOSPHORTECH CORPORATION/MABLETON, GA	81.049	29461	-	324
RESEARCH INTO ACTION INC/PORTLAND,OR	81.049	SUBCONTRACT, DATED 20 DEC 2018	-	1,225
SANDIA NATL LABS/SANDIA CORP	81.049	1954355	-	(1,107)
SANDIA NATL LABS/SANDIA CORP	81.049	2013350	-	18,084
SANDIA NATL LABS/SANDIA CORP	81.049	2032371	-	268,601
SANDIA NATL LABS/SANDIA CORP	81.049	2078144	-	99,368
SANDIA NATL LABS/SANDIA CORP	81.049	2156722	-	15,090
SANDIA NATL LABS/SANDIA CORP	81.049	1441449	-	14,956
SANDIA NATL LABS/SANDIA CORP	81.049	1695955	-	58,166
SANDIA NATL LABS/SANDIA CORP	81.049	1744348	-	26,647
SANDIA NATL LABS/SANDIA CORP	81.049	1755523	-	32,314
SANDIA NATL LABS/SANDIA CORP	81.049	1764531	-	25,000
SANDIA NATL LABS/SANDIA CORP	81.049	1767660	-	(24)
SANDIA NATL LABS/SANDIA CORP	81.049	1836843	-	23,438
SANDIA NATL LABS/SANDIA CORP	81.049	1838714	-	6,686
SANDIA NATL LABS/SANDIA CORP	81.049	1862981	-	221,236
SANDIA NATL LABS/SANDIA CORP	81.049	1871005	-	46,203
SANDIA NATL LABS/SANDIA CORP	81.049	1897564	-	61,937
SANDIA NATL LABS/SANDIA CORP	81.049	1901033	-	109,626
SANDIA NATL LABS/SANDIA CORP	81.049	1902837	-	63,789
SANDIA NATL LABS/SANDIA CORP	81.049	1920585	-	40,805
SANDIA NATL LABS/SANDIA CORP	81.049	1920644	-	16,133
SANDIA NATL LABS/SANDIA CORP	81.049	1930550	-	20,524
SANDIA NATL LABS/SANDIA CORP	81.049	1952411	-	258,318
SANDIA NATL LABS/SANDIA CORP	81.049	1955339	-	100,002
SANDIA NATL LABS/SANDIA CORP	81.049	1959383	-	-
SANDIA NATL LABS/SANDIA CORP	81.049	1960773	-	45,152
SANDIA NATL LABS/SANDIA CORP	81.049	1973820	-	8,968
SANDIA NATL LABS/SANDIA CORP	81.049	1974284	-	57,947
SANDIA NATL LABS/SANDIA CORP	81.049	1975640	-	73,779
SANDIA NATL LABS/SANDIA CORP	81.049	1978929	-	70,022
SANDIA NATL LABS/SANDIA CORP	81.049	1984599	-	68,185
SANDIA NATL LABS/SANDIA CORP	81.049	1991855	-	91,649
SANDIA NATL LABS/SANDIA CORP	81.049	1995330	-	53,179
SANDIA NATL LABS/SANDIA CORP	81.049	1995932	-	77,651
SANDIA NATL LABS/SANDIA CORP	81.049	1997022	-	165,909
SANDIA NATL LABS/SANDIA CORP	81.049	2001728	-	67,863
SANDIA NATL LABS/SANDIA CORP	81.049	2006806	-	56,665
SANDIA NATL LABS/SANDIA CORP	81.049	2041627	-	55,302
SANDIA NATL LABS/SANDIA CORP	81.049	2044983	-	101,068
SANDIA NATL LABS/SANDIA CORP	81.049	2050511	-	40,000
SANDIA NATL LABS/SANDIA CORP	81.049	2051479	-	49,091
SANDIA NATL LABS/SANDIA CORP	81.049	2075873	-	37,786
SANDIA NATL LABS/SANDIA CORP	81.049	2079964	-	42,301
SANDIA NATL LABS/SANDIA CORP	81.049	2085524	-	45,490
SANDIA NATL LABS/SANDIA CORP	81.049	2085954	-	69,779
SANDIA NATL LABS/SANDIA CORP	81.049	2086636	-	26,842
SANDIA NATL LABS/SANDIA CORP	81.049	2088470	-	43,625
SANDIA NATL LABS/SANDIA CORP	81.049	2088556	-	23,883
SANDIA NATL LABS/SANDIA CORP	81.049	2094078	-	45,716
SANDIA NATL LABS/SANDIA CORP	81.049	2099053	-	16,768
SANDIA NATL LABS/SANDIA CORP	81.049	2099968	-	35,999
SANDIA NATL LABS/SANDIA CORP	81.049	2103933	-	60,331
SANDIA NATL LABS/SANDIA CORP	81.049	2104076	-	83,441
SANDIA NATL LABS/SANDIA CORP	81.049	2105775	-	36,210

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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	2110038	\$ -	\$ 62,600
SANDIA NATL LABS/SANDIA CORP	81.049	2115504	-	65,617
SANDIA NATL LABS/SANDIA CORP	81.049	2118474	-	70,571
SANDIA NATL LABS/SANDIA CORP	81.049	2119210	-	80,579
SANDIA NATL LABS/SANDIA CORP	81.049	2120337	-	11,915
SANDIA NATL LABS/SANDIA CORP	81.049	2128259	-	40,442
SANDIA NATL LABS/SANDIA CORP	81.049	2132596	-	40,000
SANDIA NATL LABS/SANDIA CORP	81.049	2144114	-	50,437
SANDIA NATL LABS/SANDIA CORP	81.049	2151489	-	26,148
SANDIA NATL LABS/SANDIA CORP	81.049	2157495	-	61,247
SANDIA NATL LABS/SANDIA CORP	81.049	2167820	-	14,924
SANDIA NATL LABS/SANDIA CORP	81.049	AGMT DTD 4/5/17	-	19,998
SANDIA NATL LABS/SANDIA CORP	81.049	CHECK NO. 1452393	-	32,919
SANDIA NATL LABS/SANDIA CORP	81.049	PO 2112650	-	74,024
SANDIA NATL LABS/SANDIA CORP	81.049	1838573	-	33,746
SANDIA NATL LABS/SANDIA CORP	81.049	1840059	-	20,053
SANDIA NATL LABS/SANDIA CORP	81.049	1841736	-	33,349
SANDIA NATL LABS/SANDIA CORP	81.049	1907283	-	74,328
SANDIA NATL LABS/SANDIA CORP	81.049	1971768	-	74,581
SANDIA NATL LABS/SANDIA CORP	81.049	1980535	-	91,183
SANDIA NATL LABS/SANDIA CORP	81.049	2015247	38,728	127,441
SANDIA NATL LABS/SANDIA CORP	81.049	2080123	-	57,476
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	2018-000030	-	110,432
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	265739	-	(122)
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	342690	-	164,365
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/AIKEN, SC	81.049	G700005	-	88,094
SOUTHERN COMPANY SERVICES INC / GEORGIA	81.049	62668	-	1,104
STATE UNIV OF NY AT STONY BROOK/STONY BROOK, NY	81.049	68856-TASK 3, PROJ. 1119493	-	99,130
SUSTAINABLE MANUFACTURING INNOVATION ALLIANCE CORP/WEST HENRIETTA, NY	81.049	1	-	25,767
UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	PO# 109150	-	33,695
UNIVERSITY OF CALIFORNIA/SAN DIEGO,CA	81.049	1916-1689	-	90,888
University of Delaware	81.049	37792	-	(40)
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	81.049	A003127003	-	98,047
UNIVERSITY OF PITTSBURG/PITTSBURG, PA	81.049	AWD00001252 (415707-1)	-	25,799
UNIVERSITY OF WISCONSIN - DISABILITY RESOURCE CENTER/MADISON, WI	81.049	562K284	-	44,047
UNIVERSITY OF WISCONSIN - DISABILITY RESOURCE CENTER/MADISON, WI	81.049	775K563	-	76,350
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000171856	-	253,762
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000084578	-	11,110
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000100062	-	7,049
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000125663	-	39,817
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000136270	-	(1,006)
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000145143	-	95,035
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000150871	-	4,716
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000152786	-	203,943
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000154975	-	10,615
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000156592	-	27,842
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000158523	-	59,185
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000160017	-	-
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000160033	-	2,107
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000160093	-	32,021
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000160364	-	20,601
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000161062	121,949	289,348
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000161873	-	65,532
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000164602	-	-
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000164801	-	5,969
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000167438	-	44,668
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000167866	-	109,455
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000170418	-	59,511
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000170517	-	90,541
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000173591	-	34,217
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000174400	-	79,154
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000175377	-	71,785

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UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000176370	\$ -	\$ 27,336
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000177997	-	55,736
VANDERBILT UNIVERSITY/NASHVILLE, TN	81.049	#19067-512	-	139,311
Conservation Research and Development				
Passed through from:				
ELECTRIC POWER RES INST/	81.086	10010454	-	30,911
SOUTHWEST RESEARCH INSTITUTE/	81.086	L99080MJM	-	13,333
VIRGINIA TECH APPLIED RESEARCH CORPORATION/BLACKSB	81.086	#429399-19034	-	63,702
Renewable Energy Research and Development				
Passed through from:				
ALGENOL/ATLANTA,GA	81.087	8/29/17 AGRMT	-	65,176
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)/NEW YORK, NY	81.087	4	-	116,678
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)/NEW YORK, NY	81.087	DE-EE0007888-09-6	-	230,963
AMERICAN INSTITUTE OF CHEMICAL ENGINEERS (AICHE)/NEW YORK, NY	81.087	DE-EE0007888-10-5	22,506	526,389
NORTHWESTERN UNIVERSITY/EVANSTON, IL	81.087	SP0045962-PROJ0012882	-	74,877
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	81.087	M1900414	-	75,053
TEXAS TECH UNIVERSITY/LUBBOCK, TX	81.087	210345-01	-	70,271
UNIVERSITY OF DELAWARE/NEWARK, DE	81.087	#53038	-	91,516
UNIVERSITY OF WASHINGTON/SEATTLE, WA	81.087	UWSC11179	-	166,346
VANDERBILT UNIVERSITY/NASHVILLE, TN	81.087	UNIV58977	-	39,161
Fossil Energy Research and Development				
Passed through from:				
CHILDREN'S HEALTHCARE OF ATLANTA/ ATLANTA, GA	81.089	SSA FOR GRA SUPPORT-FUJIMOTO	-	23,727
RTI INTERNATIONAL/ RESEARCH TRIANGLE	81.089	AWARD_CONTRACT_LINE_17362	-	104,069
SOUTHWEST RESEARCH INSTITUTE/	81.089	L99007RI	-	38,318
SOUTHWEST RESEARCH INSTITUTE/	81.089	M99005RR	-	107,643
TELEDYNE LACROY/CHESTNUT RIDGE,NY	81.089	AGR DTD 3/25/2020	-	19,835
UNIVERSITY OF CENTRAL FLORIDA/	81.089	#16306016-01	-	65,296
Defense Nuclear Nonproliferation Research				
Passed through from:				
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	81.113	2014-0501-05	-	193,721
UNIVERSITY OF MICHIGAN/	81.113	SUBK0009797	-	63,799
Nuclear Energy Research, Development and Demonstration				
Passed through from:				
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	81.121	14000271-002	-	7,333
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	81.121	14000276-006.	-	69,960
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.121	#30308-05133-S01	-	60,648
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.121	28643-04465-S02	-	65,233
UNIVERSITY OF NEBRASKA/LINCOLN, NE	81.121	25-1120-0014-004	-	36,434
Advanced Research Projects Agency - Energy				
Passed through from:				
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	81.135	1070254-427580	-	828
LEHIGH UNIVERSITY/BETHLEHEM, PA	81.135	#543891-78003	-	25,861
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	81.135	S4872, PO#374367	-	68,096
OREGON STATE UNIVERSITY/CORVALLIS, OR	81.135	#G0173A-A	-	64,796
RENSSELAER POLYTECHNIC INSTIT/TROY, NY	81.135	A12820	-	265,978
UNIVERSITY OF MICHIGAN/	81.135	SUBK00010993	-	55,113
Total Department of Energy			2,734,312	34,143,772
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		89,008	162,860
Fund for the Improvement of Postsecondary Education	84.116		22,858	48,666
Graduate Assistance in Areas of National Need	84.200		-	315,391
Centers for International Business Education	84.220		-	271,008
Total Department of Education			111,866	797,925
Department of Health and Human Services				
Food and Drug Administration_Research	93.103		353,013	1,585,949

**GEORGIA TECH RESEARCH CORPORATION,
 GEORGIA TECH APPLIED RESEARCH CORPORATION,
 AND GEORGIA INSTITUTE OF TECHNOLOGY
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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Environmental Health	93.113		\$ 71,504	\$ 418,201
Oral Diseases and Disorders Research	93.121		387,010	1,180,441
Health Program for Toxic Substances and Disease Registry	93.161		-	24,240
Human Genome Research	93.172		468,054	401,036
Research Related to Deafness and Communication Disorders	93.173		31,184	368,848
Mental Health Research Grants	93.242		517,489	970,650
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		508,720	2,094,810
Trans-NIH Research Support	93.310		-	753,075
Cancer Cause and Prevention Research	93.393		66,667	111,385
Cancer Detection and Diagnosis Research	93.394		12,023	314,815
Cancer Treatment Research	93.395		100,887	1,260,690
Cancer Biology Research	93.396		716,293	1,982,454
Cancer Research Manpower	93.398		-	75,179
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		582,029	2,915,960
ACL Assistive Technology	93.464		142,450	806,794
Cardiovascular Diseases Research	93.837		1,138,630	3,358,911
Lung Diseases Research	93.838		355,737	1,220,002
Blood Diseases and Resources Research	93.839		-	5,993
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		8,971	1,155,168
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847		-	232,081
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		419,765	3,869,209
Allergy and Infectious Diseases Research	93.855		300,713	884,838
Biomedical Research and Research Training	93.859		556,014	6,281,283
Child Health and Human Development Extramural Research	93.865		137,873	1,135,886
Aging Research	93.866		110,551	1,058,226
Vision Research	93.867		297,198	1,456,922
International Research and Research Training	93.989		91,822	2,257,611
Preventive Health and Health Services Block Grant	93.991		259,870	2,234,124
Food and Drug Administration_Research				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	93.103	SUB00002146	-	120,745
UNIVERSITY OF GEORGIA/ATHENS, GA	93.103	SUB00002147	-	114,422
Environmental Health				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.113	A191435	-	255,325
EMORY UNIVERSITY/ATLANTA, GA	93.113	T779501	-	96,568
Oral Diseases and Disorders Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.121	T825580	-	77,842
Health Program for Toxic Substances and Disease Registry				
Passed through from:				
BIRKELAND CURRENT/PRUF ENERGY CONTROLS/WACO, TX	93.161	140710	-	69,000
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	93.161	2019-2552-01	-	31,011
UCLA/LOS ANGELES, CA	93.161	0125 GWD486	-	18,809
UNIVERSITY OF OKLAHOMA/OKLAHOMA CITY, OK	93.161	C3097906	-	8,950
UNIVERSITY OF TEXAS AT DALLAS/RICHARDSON, TX	93.161	139170	-	85,354
Research and Training in Complementary and Integrative Health				
Passed through from:				
VIRGINIA COMMONWEALTH UNIVERSITY/RICHMOND, VA	93.213	PT112083-SC107082	-	75,750
Mental Health Research Grants				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.242	#A027182	-	20,757
JOHNS HOPKINS UNIV/BALTIMORE, MD	93.242	#145278	-	40,859
Occupational Safety and Health Program				
Passed through from:				
UNIVERSITY OF SOUTH FLORIDA/TAMPA, FL	93.262	6402-1095-03-C	-	579
Alcohol Research Programs				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.273	A175538	-	43,627
Discovery and Applied Research for Technological Innovations to Improve Human Health				
Passed through from:				
CORNELL UNIVERSITY/ITHACA, NY	93.286	16111826-GEORGIA	-	57

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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
EMORY UNIVERSITY/ATLANTA, GA	93.286	A066738 (CORE 4)	\$ -	\$ 125,229
EMORY UNIVERSITY/ATLANTA, GA	93.286	A073523	-	82,814
EMORY UNIVERSITY/ATLANTA, GA	93.286	A084034	-	27,319
EMORY UNIVERSITY/ATLANTA, GA	93.286	A180281	-	96,891
EMORY UNIVERSITY/ATLANTA, GA	93.286	A180498	-	42,334
EMORY UNIVERSITY/ATLANTA, GA	93.286	A249850	-	63,896
DHHS/PHS/NATIONAL INSTITUTES OF HEALTH(NIH)	93.286	A325090	-	6,606
DHHS/PHS/NATIONAL INSTITUTES OF HEALTH(NIH)	93.286	RC104170GT	-	-
COMBATTING TERRORISM TECHNICAL SUPPORT OFFICE (CTTSO)/ ALEXANDRIA, VA	93.286	RC109911-GT	-	62,641
UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO/SAN FRANCISCO, CA	93.286	105475C	-	98,922
UNIVERSITY OF MEMPHIS/MEMPHIS, TN	93.286	5-40708	-	22,634
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	93.286	UTA17-000428	-	101,403
Minority Health and Health Disparities Research				
Passed through from:				
UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.307	10044779-01	-	84,375
Trans-NIH Research Support				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.310	T951414	-	663,691
UNIVERSITY OF GEORGIA/ATHENS, GA	93.310	SUB00001822	-	79,787
VANDERBILT UNIVERSITY/NASHVILLE, TN	93.310	VUMC73117	-	64,864
National Center for Advancing Translational Sciences				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.350	A004409	-	23,275
EMORY UNIVERSITY/ATLANTA, GA	93.350	A007319	-	445,344
EMORY UNIVERSITY/ATLANTA, GA	93.350	A229809	-	20,724
EMORY UNIVERSITY/ATLANTA, GA	93.350	A230028	-	13,481
Research Infrastructure Programs				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.351	T620910	-	173,411
Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development				
Passed through from:				
Biomedical Advanced Research and Development Authority (BARDA), Biodefense Medical Countermeasure Development	93.360	A240077	-	49,648
National and State Tobacco Control Program				
Passed through from:				
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA	93.387	1R01HL147256-01	-	130,647
Cancer Detection and Diagnosis Research				
Passed through from:				
UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.393	10044693-02	-	46,668
UNIVERSITY OF UTAH/SALT LAKE CITY, UT	93.393	10045740-01	-	17,131
Cancer Treatment Research				
Passed through from:				
UNIVERSITY OF MICHIGAN/	93.395	SUBK00008227	-	62,304
Cancer Biology Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.396	T953287	-	(194)
UNIVERSITY OF MICHIGAN/	93.396	3004589137	-	86,875
ACL National Institute on Disability, Independent Living, and Rehabilitation Research				
Passed through from:				
UNIVERSITY OF PITTSBURG/PITTSBURG, PA	93.433	0058440 (130293-1)	-	90,663
Cardiovascular Diseases Research				
Passed through from:				
BAYLOR COLLEGE OF MEDICINE/HOUSTON, TX	93.837	#P.O. 700000129	-	48,497
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.837	GENFD0001603570	-	27,728
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.837	GENFD0001664762	-	225,455
EMORY UNIVERSITY/ATLANTA, GA	93.837	A022924	-	122,481
EMORY UNIVERSITY/ATLANTA, GA	93.837	A092263	-	93,151
EMORY UNIVERSITY/ATLANTA, GA	93.837	A101267	-	(2,378)
EMORY UNIVERSITY/ATLANTA, GA	93.837	A179709	-	58,763
EMORY UNIVERSITY/ATLANTA, GA	93.837	A211700	-	51,603
EMORY UNIVERSITY/ATLANTA, GA	93.837	A292193	-	87,704

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Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
EMORY UNIVERSITY/ATLANTA, GA	93.837	T586137	\$ -	\$ 67,236
ROCHESTER INSTITUTE OF TECHNOLOGY/ROCHESTER, NY	93.837	32433-01	-	2,822
SUTTER HEALTH/WALNUT CREEK, CA	93.837	280201017-S249	-	196,131
DHHS/PHS/NATIONAL INSTITUTES OF HEALTH(NIH)	93.837	GB10347 2133564	-	110,155
US DEPT OF ENERGY/GENERAL	93.837	4000128353	-	6,413
Lung Diseases Research				
Passed through from:				
PALO ALTO VETERANS INSTITUTE FOR RESEARCH/PALO ALTO, CA	93.838	NIM0003-03	-	3,122
PALO ALTO VETERANS INSTITUTE FOR RESEARCH/PALO ALTO, CA	93.838	NIM0013-03	-	53,544
Blood Diseases and Resources Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.839	A035610	-	92,025
Arthritis, Musculoskeletal and Skin Diseases Research				
Passed through from:				
COLUMBIA UNIVERSITY/NEW YORK, NY	93.846	2(GG014632-01)	-	51,274
GEORGIA STATE UNIVERSITY	93.846	#SP00013208-01	-	33,410
Diabetes, Digestive, and Kidney Diseases Extramural Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.847	#T663443	-	124,163
EMORY UNIVERSITY/ATLANTA, GA	93.847	A054794	-	12,332
EMORY UNIVERSITY/ATLANTA, GA	93.847	T701369	-	23,436
EMORY UNIVERSITY/ATLANTA, GA	93.847	T701372	-	12,447
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.847	SP00013928-01	-	41,704
MAYO CLINIC/ROCHESTER, MN	93.847	GEO-235217/PO#65641111	-	8,373
Extramural Research Programs in the Neurosciences and Neurological Disorders				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.853	A186959	-	286,558
EMORY UNIVERSITY/ATLANTA, GA	93.853	A204324	-	208,154
EMORY UNIVERSITY/ATLANTA, GA	93.853	A308633	-	156,496
EMORY UNIVERSITY/ATLANTA, GA	93.853	T990238	-	533
MASSACHUSETTS GENERAL HOSPITAL/BOSTON, MA	93.853	232958	-	16,472
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	93.853	#64620	-	276,268
MOUNT SINAI MEDICAL CENTER/NEW YORK, NY	93.853	O255-A441-4609	-	254,167
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	93.853	8936	-	49,031
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	93.853	8937	-	36,515
Allergy, Immunology and Transplantation Research				
Passed through from:				
BOSTON UNIVERSITY/BOSTON, MA	93.855	#-4500002698	-	72,992
DUKE UNIVERSITY/DURHAM, NC	93.855	#2037820	-	23,572
EMORY UNIVERSITY/ATLANTA, GA	93.855	A007606	-	8,976
EMORY UNIVERSITY/ATLANTA, GA	93.855	A016182	-	(36,286)
EMORY UNIVERSITY/ATLANTA, GA	93.855	A085091	-	91,787
EMORY UNIVERSITY/ATLANTA, GA	93.855	A102176	-	65,060
EMORY UNIVERSITY/ATLANTA, GA	93.855	A237526	-	44,008
EMORY UNIVERSITY/ATLANTA, GA	93.855	AGREEMENT DTD 8/30/19	-	24,825
EMORY UNIVERSITY/ATLANTA, GA	93.855	T365272, A122881	-	74,899
EMORY UNIVERSITY/ATLANTA, GA	93.855	T939590	-	82,102
EMORY UNIVERSITY/ATLANTA, GA	93.855	T966688	-	95,037
EMORY UNIVERSITY/ATLANTA, GA	93.855	T970397	-	390,412
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00012355-01	-	1,034
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013690-01	-	54,020
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013700-01B	-	145,661
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.855	SP00013890-01	-	120,690
SCRIPPS RESEARCH INSTITUTE/ LA JOLLA, CA	93.855	5-53830	-	263,811
STANFORD UNIVERSITY/STANFORD, CA	93.855	61989439-131451	-	199,829
UNIVERSITY OF ALABAMA AT BIRMINGHAM/BIRMINGHAM, AL	93.855	000521058-001	-	79,493
UNIVERSITY OF ALABAMA AT BIRMINGHAM/BIRMINGHAM, AL	93.855	000521324-002	-	70,971
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.855	#330136	(15)	173,894
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.855	87100-01	-	286,258
UNIVERSITY OF LOUISVILLE/LOUISVILLE, KY	93.855	ULRF-17-0481-01	-	106,336
UNIVERSITY OF MICHIGAN/	93.855	3004744318	-	83,145
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	93.855	576610	-	168,766

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YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Microbiology and Infectious Diseases Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.856	A295128	\$ -	\$ 14,570
Biomedical Research and Research Training				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.859	T674760	-	-
HARVARD UNIVERSITY/BOSTON, MA	93.859	133233-5068506	-	11,254
HARVARD UNIVERSITY/BOSTON, MA	93.859	133286-5112927	-	93,068
M.D. ANDERSON CANCER CENTER/HOUSTON, TX	93.859	3001093383	-	13,638
NEW YORK UNIVERSITY LANGONE MEDICAL CENTER/NEW YORK, NY	93.859	17-A1-00-007405-01	-	102,712
UNIVERSITY OF WISCONSIN - MADISON/MADISON WI	93.859	#856K520	-	137,682
Child Health and Human Development Extramural Research				
Passed through from:				
EMORY UNIVERSITY - OFFICE OF COMPLIANCE/ATLANTA, GA	93.865	A081027	-	20,074
EMORY UNIVERSITY/ATLANTA, GA	93.865	T696074	-	7,271
EMORY UNIVERSITY/ATLANTA, GA	93.865	T949806	-	1,421
Aging Research				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	93.866	ASU00000294	-	17,461
EMORY UNIVERSITY/ATLANTA, GA	93.866	A007350	-	37,609
EMORY UNIVERSITY/ATLANTA, GA	93.866	A054728	-	8,094
MAYO CLINIC/ROCHESTER, MN	93.866	GEO-233617/PO#65936217	-	193,490
MAYO CLINIC/ROCHESTER, MN	93.866	GEO-233617/PO#67304962	23,600	42,241
UNIVERSITY OF MICHIGAN/	93.866	SUBK00008360	-	254,534
UNIVERSITY OF NORTH CAROLINA/CHAPEL HILL, NC	93.866	#5111414	-	149,048
WEILL CORNELL MEDICAL COLLEGE/NEW YORK, NY	93.866	ADV PROJECT- SUB W/WCM	-	98,024
Vision Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.867	#A043837	-	117,215
EMORY UNIVERSITY/ATLANTA, GA	93.867	A051015	-	43,465
EMORY UNIVERSITY/ATLANTA, GA	93.867	A149870	-	66,010
EMORY UNIVERSITY/ATLANTA, GA	93.867	A264575	-	19,015
NORTHWESTERN UNIVERSITY/EVANSTON, IL	93.867	SP0028943-PROJ0007598	-	102,319
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	93.867	UTA20-000161	-	27,234
CDC's Collaboration with Academia to Strengthen Public Health				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.967	T674525	-	206,530
EMORY UNIVERSITY/ATLANTA, GA	93.967	T807472 5P01A125180-02	-	57,150
Preventive Health and Health Services Block Grant				
Passed through from:				
BOSTON CHILDREN'S HOSPITAL/BOSTON, MA	93.991	GENFD0001493133	-	65,689
DANA-FARBER CANCER INSTITUTE INC./BOSTON, MA	93.991	1242101	-	75,142
EMORY UNIVERSITY/ATLANTA, GA	93.991	141773	-	30,267
EMORY UNIVERSITY/ATLANTA, GA	93.991	A031295	-	21,432
EMORY UNIVERSITY/ATLANTA, GA	93.991	A171995	-	78,986
EMORY UNIVERSITY/ATLANTA, GA	93.991	A230010	-	24,761
EMORY UNIVERSITY/ATLANTA, GA	93.991	A251903	-	7,805
EMORY UNIVERSITY/ATLANTA, GA	93.991	COLLABORATION AGMT DTD	-	88,025
EMORY UNIVERSITY/ATLANTA, GA	93.991	T783523	-	84,829
EMORY UNIVERSITY/ATLANTA, GA	93.991	T846705	-	33,769
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.991	SP00013351-03	-	78,131
GEORGIA STATE UNIVERSITY/ATLANTA, GA	93.991	SP00013700-01B	-	242,875
IMS GOVERNMENT SOLUTIONS INC./FAIRFAX, VA	93.991	2017-IMS-SC-GT001	-	(152)
IMS GOVERNMENT SOLUTIONS INC./FAIRFAX, VA	93.991	2017-IMS-SC-GT002	-	307
NORTHWESTERN UNIVERSITY/EVANSTON, IL	93.991	60047538 GIT	-	173,298
PHOTOSOUND TECHNOLOGIES INC./HOUSTON, TX	93.991	AGR DTD 04/20/18	-	15,370
PHOTOSOUND TECHNOLOGIES INC./HOUSTON, TX	93.991	AGR DTD 10/01/2017	-	24,261
THRUST INTERACTIVE/ATLANTA, GA	93.991	9R44GM130282-02	-	57,263
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.991	#330136	-	88
UNIVERSITY OF LOUISVILLE/LOUISVILLE, KY	93.991	ULRF 17-0029-01	-	132,115
UNIVERSITY OF OREGON/EUGENE, OREGON	93.991	215830A	-	298,588
Total Department of Health and Human Services			7,658,052	53,158,874

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Department of Homeland Security				
State and Local Homeland Security National Training Program	97.005		\$ 26,052	\$ 48,634
Homeland Security Research, Development, Testing, Evaluation, and Demonstration of Technologies Related to Nuclear Threat Detection	97.077		117,160	758,104
State and Local Homeland Security National Training Program				
Passed through from:				
GEORGIA EMERGENCY MGMT & HOMELAND SECURITY AGCY/ATLANTA, GA	97.005	62	-	-
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	97.005	SR20180956	-	240,762
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	97.005	077083-16371	-	226,689
ZETA ASSOCIATES INC//FAIRFAX, VA	97.005	173118LS-GTARC-01	-	114,245
Centers for Homeland Security				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	97.061	18-310	-	(5,072)
ARIZONA STATE UNIVERSITY/TEMPE, AZ	97.061	18-340	-	-
ARIZONA STATE UNIVERSITY/TEMPE, AZ	97.061	18-341	-	(16,827)
ARIZONA STATE UNIVERSITY/TEMPE, AZ	97.061	ASUB00000286	-	29,475
IEM INC/BATON ROUGE, LA	97.061	AGR 2013-002	-	10,350
IEM INC/BATON ROUGE, LA	97.061	AGR 2013-002	-	894
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN, IL	97.061	077083-17698	-	971
Homeland Security Grant Program				
Passed through from:				
GEORGIA EMERGENCY MGMT & HOMELAND SECURITY AGCY/ATLANTA, GA	97.067	DELIVERY ORDER 63	-	13,659
Total Department of Homeland Security			<u>143,212</u>	<u>1,421,884</u>
Agency for International Development				
USAID Foreign Assistance for Programs Overseas				
Passed through from:				
FHI 360/DURHAM, NC	98.001	#PO16003387	83,555	284,753
FHI 360/DURHAM, NC	98.001	PO20000139	-	476,603
Total Agency for International Development			<u>83,555</u>	<u>761,356</u>
Total Research and Development-Cluster			<u>115,442,896</u>	<u>805,661,914</u>
Student Financial Assistance-Cluster:				
Department of Education				
Federal Supplemental Educational Opportunity Grants	84.007		-	653,164
Federal Work-Study Program	84.033		-	626,456
Federal Perkins Loan Program_Federal Capital Contributions	84.038		-	5,145,976
Federal Pell Grant Program	84.063		-	11,208,716
Federal Direct Student Loans	84.268		-	72,654,559
Total Student Financial Assistance-Cluster:			<u>-</u>	<u>90,288,871</u>
Other Programs:				
Department of Commerce				
Trade Adjustment Assistance for Firms	11.313		272,042	928,176
Manufacturing Extension Partnership	11.611		198,364	3,207,202
Minority Business Resource Development	11.802		62,500	331,213
MBDA Business Center	11.805		48,000	307,267
Measurement and Engineering Research and Standards				
Passed through from:				
GENEDGE ALLIANCE/MARTINSVILLE, VA	11.609	138138	-	20,540
POLYTECHNIC UNIVERSITY OF PUERTO RICO/SAN JUAN, PUERTO RICO	11.609	AGMT DTD 9/26/19	-	45,933
Total Department of Commerce			<u>580,906</u>	<u>4,840,331</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, 2020

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 Army				
Basic, Applied, and Advanced Research in Science and Engineering	12.630		\$ -	\$ 6,151
Total Department of the Army			-	6,151
Department of the Navy				
Basic and Applied Scientific Research	12.300		-	2,252
Total Department of the Navy			-	2,252
Department of the Air Force				
Air Force Defense Research Sciences Program	12.800		-	20,966
Passed through from:				
SOUTHWESTERN OHIO COUNCIL FOR HIGHER EDUCATION/DAYTON, OH	12.800	RY9-GA-19-5-AFRL2	-	3,434
Total Department of the Air Force			-	24,400
Department of Defense				
Basic, Applied, and Advanced Research in Science and Engineering	12.630		-	707,437
ROTC Language and Culture Training Grants				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	PGO1801-GT-03-PGO-051-P02	-	86,606
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	PGO1801-GT-03-PGO-051-P01	-	9,721
Research and Technology Development				
Passed through from:				
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	12.910	00010318	-	640
Total Department of Defense			-	804,404
Department of Labor				
Occupational Safety and Health_Susan Harwood Training Grants	17.502		-	29,818
Consultation Agreements	17.504		-	1,453,802
Total Department of Labor			-	1,483,620
Department of Transportation				
Highway Training and Education	20.215		-	29,146
Highway Research and Development Program				
Passed through from:				
THE NATIONAL ACADEMIES	20.200	FELLOWSHIP FOR MOSES IKE-SEP 2	-	24,000
State and Community Highway Safety				
Passed through from:				
GEORGIA GOVERNORS OFFICE OF HIGHWAY SAFETY/ ATLANTA, GA	20.600	YA-2020-402 TSP-021	-	97
Total Department of Transportation			-	53,243
Department of Treasury				
COVID-19 Coronavirus Relief Fund				
Passed through from:				
GA BOARD OF REGENTS/	21.019	EMAIL DTD 4 APR 2020 FORTNER	-	422,354
GA BOARD OF REGENTS/	21.019	FORTNER EMAIL 4 APR 2020	-	374,568
GA BOARD OF REGENTS/	21.019	GA BOARD OF REGENTS/	-	185,434
GA BOARD OF REGENTS/	21.019	GA BOARD OF REGENTS/	-	608
GA BOARD OF REGENTS/	21.019	AWARD_CONTRACT_LINE-3-32032	-	20,500
US DEPT OF EDUCATION/GENERAL	21.019	GA BOARD OF REGENTS/	-	72,939
Total Department of Treasury			-	1,076,403
National Aeronautics and Space Administration				
Aeronautics	43.002		-	21,552
Space Technology	43.012		-	163,660
Total National Aeronautics and Space Administration			-	185,212
National Endowment for the Humanities				
Promotion of the Humanities Research	45.161		-	8,792
Promotion of the Humanities Office of Digital Humanities	45.169		12,703	18,232
Total National Endowment for the Humanities			12,703	27,024

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

YEAR ENDED JUNE 30, 2020

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Nuclear Regulatory Commission				
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		\$ -	\$ 145,000
Total Nuclear Regulatory Commission			<u>-</u>	<u>145,000</u>
Department of Energy				
Office of Science Financial Assistance Program	81.049		-	139,118
Nuclear Energy Research, Development and Demonstration	81.121		-	200,256
Office of Science Financial Assistance Program				
Passed through from:				
SANDIA NATL LABS/SANDIA CORP	81.049	AWARD_CONTRACT_LINE-3-34338	-	9,100
SANDIA NATL LABS/SANDIA CORP	81.049	Sandia-02	-	-
SANDIA NATL LABS/SANDIA CORP	81.049	1443860	-	3,227
Total Department of Energy			<u>-</u>	<u>351,701</u>
Department of Education				
Rehabilitation Services Independent Living Services for Older Individuals Who are Blind	84.177		-	518,370
Centers for International Business Education	84.220		-	800
Gaining Early Awareness and Readiness for Undergraduate Programs				
Passed through from:				
US DEPT OF EDUCATION/GENERAL	84.334	P334S160030	1,557,686	3,830,680
COVID-19 Education Stabilization Fund				
Passed through from:				
US DEPT OF EDUCATION/GENERAL	84.425E	Office of Planning and Budget	-	3,568,000
US DEPT OF EDUCATION/GENERAL	84.425F	Office of Planning and Budget	-	5,194,038
Total Department of Education			<u>1,557,686</u>	<u>13,111,888</u>
Total Other Programs			<u>2,151,295</u>	<u>22,111,629</u>
Total Expenditures of Federal Awards			<u>\$ 117,594,191</u>	<u>\$ 918,062,414</u>

**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, 2020

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 this schedule is presented in accordance with the requirements of the Uniform Guidance. Therefore, some amounts presented in this schedule 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 GIT, it is not intended to, and does not, present either the financial position, changes in fund balances, or cash flows of 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—Catalog of Federal Domestic Assistance (“CFDA”) numbers

CFDA 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, 2020, GIT disbursed \$72,654,559 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, 2020, 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 \$3,933,530 as of June 30, 2020.

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**
SCHEDULE OF FINDINGS AND QUESTIONED COSTS

YEAR ENDED JUNE 30, 2020

I. Summary of the Auditor's Results

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

The auditor's report expresses an unmodified opinion on the financial statements of the Georgia Tech Research Corporation and the Georgia Tech Applied Research Corporation.

No significant deficiencies in internal control over financial reporting which would be required to be reported in the Report 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* were reported as a result of the audit.

No instances of noncompliance material to the financial statements of the Georgia Tech Research Corporation and the 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 expresses an unqualified opinion on the financial statements of the Georgia Institute of Technology for the year ended June 30, 2020, and has issued reports thereon and reports on internal control structure and compliance with laws and regulations based on its audit of the financial statements dated December 15, 2020.

No significant deficiencies in internal control over financial reporting which would be required to be reported in the Report 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* were reported by the state of Georgia Department of Audits and Accounts.

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 audit.

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 unqualified opinion on all major programs.

Significant deficiencies were identified in internal control over compliance applicable to major federal award programs which would be required to be reported in the Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control over Compliance in Accordance with Section 200.516 of *Uniform Guidance* were reported as a result of the audit.

The audit disclosed findings required to be reported in accordance with Section 200.516 of *Uniform Guidance*.

**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, 2020

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

None

Financial Statement Finding – Georgia Institute of Technology

None

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

YEAR ENDED JUNE 30, 2020

III. Federal Award Findings and Questioned Costs

Georgia Institute of Technology's ("GIT" or the "Institute") Department of Internal Audit performed audits on: (1) the effort reporting procedures for employees covered under the Plan Confirmation System with active sponsored projects and (2) the subcontract, subaward, and subrecipient monitoring process for active subawards related to the fiscal year ended June 30, 2020.

The following findings and related recommendations resulted from their procedures.

Finding 2020-001 National Institute of Health Salary Cap Limitations

Compliance Requirement: Special Tests

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.

Criteria: NIH Guidance on Salary Limitation for Grants and Cooperative Agreements FY 2020 - Notice Number: NOT-OD-20-065 - Since 1990, Congress has legislatively mandated a limitation on direct salary for individuals under NIH grant and cooperative agreement awards (referred to here as a grant). The mandate appears in The Further Consolidated Appropriations Act, 2020 (Public Law 116-94), signed into law on December 20, 2019, which provides authority for NIH to incur obligations for FY 2020. The Further Consolidated Appropriations Act, 2020, restricts the amount of direct salary to Executive Level II of the Federal Executive pay scale. The Office of Personnel Management has recently released new salary levels for the Executive Pay Scale. Effective January 5, 2020, the salary limitation for Executive Level II is \$197,300.

Cause:

- Lack of an effective control to monitor employee salary charges to NIH projects throughout the year.
- OneUSG Connect cannot be configured by the Institute to establish controls which could flag potential violations of salary cap limitations.

Context: From a sample of 40 employees who worked on NIH projects during the year ended June 30, 2020, 13 employees (32%) exceeded the salary cap limitation. Employees exceeded the salary cap limitations, individually, in amounts ranging from \$500 to \$13,555 for a combined total of \$ \$54,848 in excess salaries. Nine of the employees who exceeded the salary cap limitation did not have a companion cost share project linked to their NIH award.

Effect: Unallowable cost could be charged to NIH projects.

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SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2020

Recommendation:

- Create a resource, tool, or calculator for the campus community to utilize to proactively check whether the budgeted effort and salary towards a NIH award will cause them to exceed the salary cap limitation including how much may need to be cost shared.
- Consult with Georgia Tech's Enterprise Data Management team to develop a report that can be utilized by the campus community to help monitor or identify potential violations of salary cap limitations.
- Update "Georgia Tech Policy 2.6.1 Salary Rate Caps" to provide current and comprehensive details regarding salary cap limitations.

Management Response:

See attached management's response.

Corrective Action Plan:

See attached management's corrective action plan

Finding 2020-002 Subrecipient Monitoring

Compliance Requirement: Subrecipient Monitoring

Condition: Lack of documentation to evidence GTRC's 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,
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SCHEDULE OF FINDINGS AND QUESTIONED COSTS (CONTINUED)

YEAR ENDED JUNE 30, 2020

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.

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 A-133 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 Response:

See attached management's response.

Corrective Action Plan:

See attached management's corrective action plan