

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

COMPLIANCE REPORTS

For the Year Ended June 30, 2016

And Independent Auditor's Reports

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

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 <i>GOVERNMENT AUDITING STANDARDS</i>	1-2
REPORT OF INDEPENDENT AUDITOR ON COMPLIANCE FOR EACH MAJOR PROGRAM AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE REQUIRED BY THE UNIFORM GUIDANCE.....	3-5
Schedule of Expenditures of Federal Awards.....	6-29
Notes to Schedule of Expenditures of Federal Awards	30
Schedule of Findings and Questioned Costs	31-32

**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**

The Board of Trustees of
Georgia Tech Research Corporation and
Georgia Tech Applied Research Corporation:

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, 2016, and the related notes to the financial statements which collectively comprise GTRC's basic financial statements, and have issued our report thereon dated September 6, 2016.

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") to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements but not for the purpose of expressing an opinion on the effectiveness of 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 determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

Cheryl Bekart LLP

Atlanta, Georgia
September 6, 2016

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

The Board of Trustees of
Georgia Tech Research Corporation
Georgia Tech Applied Research Corporation
Georgia Institute of Technology:

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, 2016. 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 and suspension and debarment for the Research and Development Cluster and Student Financial Assistant Cluster major federal programs. 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 December 30, 2016, 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 Programs

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, 2016.

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. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

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 June 30, 2016, and the related notes to the financial statements, which collectively comprise GTRC's basic financial statements. We issued our report thereon dated September 6, 2016, 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 Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation, and Georgia Institute of Technology 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 the Georgia Institute of Technology as of and for the year ended June 30, 2016 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 30, 2016. We did not audit the financial statements of Georgia Institute of Technology which represent 33.5% 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.

Cheryl Bekart LLP

Atlanta, Georgia

January 24, 2017 except for the Schedule of Expenditures of Federal Awards,
as to which the date is September 6, 2016.

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

FOR THE YEAR ENDED JUNE 30, 2016

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			\$ 133,736
Agriculture and Food Research Initiative (AFRI)	10.310		\$ 162,254	870,667
Forestry Research	10.652			70,802
Agricultural Research_Basic and Applied Research				
Passed through from:				
GORDON & BETTY MOORE FOUNDATION / SAN FRANCISCO, CA	10.001	#4308.07		29,197
TOYOTA TECHNICAL CENTER/ANN ARBOR, MI	10.001	TASK ORDER DTD DEC. 22, 2014		82,189
Specialty Crop Block Grant Program - Farm Bill				
Passed through from:				
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.170	AGR DTD 10/23/13		1,216
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.170	14-SCBGP-GA-0013		26,363
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.170	14-SCBGP-GA-0013		31,763
Grants for Agricultural Research, Special Research Grants				
Passed through from:				
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.200	5U18FD004612-02		7,980
Small Business Innovation Research				
Passed through from:				
TECHNICAL DATA ANALYSIS INC/FALL CHURCH, VA	10.212	SBIR DTD 30 OCT 2015		23,853
Agriculture and Food Research Initiative (AFRI)				
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	10.310	2016-67021-24534		24,969
Forestry Research				
Passed through from:				
U.S ENDOWMENT FOR FORESTRY AND COMMUNITIES/GREENVILLE, SC	10.652	13-CA-11111169-081		111,726
Total Department of Agriculture			<u>162,254</u>	<u>1,414,461</u>
Department of Commerce				
Economic Development-Technical Assistance	11.303			128,592
Climate and Atmospheric Research	11.431			80,813
Measurement and Engineering Research and Standards	11.609		20,700	1,165,827
Manufacturing Extension Partnership	11.611			124,926
Science, Technology, Business and/or Education Outreach	11.620			207,919
Ocean Exploration				
Passed through from:				
DEWBERRY & DAVIS LLC/FAIRFAX, VA	11.011	S/C-NOAA-EA133C-14-CQ-0008-GTA		(326)
GA DEPT NATURAL RESOURCES	11.011	NA14NOS4190117		44,574
Technology Innovation Program (TIP)				
Passed through from:				
EDISON WELDING INSTITUTE/COLUMBUS, OH	11.616	70NANB13H192		49,312
Total Department of Commerce			<u>20,700</u>	<u>1,801,637</u>
Department of the Army				
Basic and Applied Scientific Research	12.300			328,753
Military Medical Research and Development	12.420			445,214
Basic Scientific Research	12.431		9,094,596	58,382,004
Basic, Applied, and Advanced Research in Science and Engineering	12.630			158,221
Air Force Defense Research Sciences Program	12.800			(6,043)
Research and Technology Development	12.910		(27)	(28)
Aquatic Plant Control				
Passed through from:				
DHPC TECHNOLOGIES INC./WOODBIDGE, NJ	12.100	W56KGU-15-C-0029		91,643

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

FOR THE YEAR ENDED JUNE 30, 2016

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 and Applied Scientific Research				
Passed through from:				
INTUITIVE RESEARCH AND TECHNOLOGY CORP/GRAND PRAIRIE, TX	12.300	W31P4Q-09-A0016		294,998
Military Medical Research and Development				
Passed through from:				
E' OIR INCORPORATED/SPOTSLYVANIA, VA	12.420	W909MY-12-D-0004		351,652
LEIDOS INC/MCLEAN, VA	12.420	W911NF-11-C-0088		(23,800)
PARTECH/ROME, NY	12.420	W911QY-13-D-0100		3,753
SAMUELI INSTITUTE/ALEXANDRIA, VA	12.420	W81XWH-07-2-0076		27,076
VERTICAL LIFT CONSORTIUM INC	12.420	W911W6-12-2-0003 MOD 099910	10,000	25,953
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.420	W15QKN-10-9-0003	74,101	436,263
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.420	W911W6-12-2-0003 MODP00010		9,383
WAKE FOREST UNIVERSITY/WINSTON SALEM, NC	12.420	W81XWH-14-2-0003		232,442
Basic Scientific Research				
Passed through from:				
ALQIMI ANALYTICS AND INTELLIGENCE LLC/ROCKYVILLE, MD	12.431	W911QY-13-D-0100		181
ALTUS ARCHITECTURE STUDIOS/OMAHA, NE	12.431	W912DY-13-D-0118		281,953
BAE SYSTEMS/NASHUA, NH	12.431	W911NF-08-2-0004		340,620
BATTELLE	12.431	W911NF-11-D-0001		17,739
CACI	12.431	W15P7T-06-D-E402		13,769
CACI/EATONTOWN, NJ	12.431	W15P7T-09-D-P013		(8,694)
CONTINUUM DYNAMICS INC/EWING, NJ	12.431	W911QX-15-C-0054		9,700
CORNELL UNIVERSITY/ITHACA, NY	12.431	W911NF-15-1-0447		116,688
CRAFT TECH/PIPERVILLE, PA	12.431	W15QKN-15-C-0065		38,781
DIGITAL ANALOG INTEGRATION INC/AUBURN,AL	12.431	W911NF-15-P-0021		89,999
DOG STAR TECHNOLOGIES/ROSWELL, GA	12.431	W911-NF-14-C-0094		139,258
DUKE UNIVERSITY/DURHAM, NC	12.431	W911NF-10-1-0231		652,570
EMORY UNIVERSITY/ATLANTA, GA	12.431	W81XWH-12-C-203		12,014
GENERAL DYNAMICS	12.431	W15QKN-14-9-1002-RPP3		109,464
GEORGE MASON UNIVERSITY/FAIRFAX, VA	12.431	W5J9CQ-12-C-0036		50,050
KANSAS UNIVERSITY SCHOOL OF MEDICINE (KUMC)/KANSAS CITY, KS	12.431	W911NF-13-1-0427		26,419
MICROWAVE PACKAGING TECHNOLOGIES INC (MPT)/BREA,CA	12.431	W31P4Q-13-C-0021		45,868
MICROWAVE PACKAGING TECHNOLOGIES INC (MPT)/BREA,CA	12.431	W911W-14-C-0014		47,201
NANO TERRA INC/BRIGHTON, MA	12.431	W31P4Q-13--0157		115,652
NEWTON CONSULTING AND ENGINEERING INC/TUCSON, AZ	12.431	W15P7T-10-D-D420		59,806
NORTHWESTERN UNIVERSITY	12.431	W911NF-14-1-0686		56,321
NORTHWESTERN UNIVERSITY/EVANSTON, IL	12.431	W5J9CQ-12-C-0017		91,664
NORTHWESTERN UNIVERSITY/EVANSTON, IL	12.431	W911NF1610035		14,798
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.431	2015-328		47,269
SAIC	12.431	W15QKN-14-9-1002		178,017
SAIC	12.431	W31P4Q-05-A-0031		1,507,300
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	W900KK-15-D-0005		494,116
SIGNATURE RESEARCH INC/CALUMET, MI	12.431	#W31P4Q-15-C-0112		30,000
SOUTH CAROLINA RES AUTH/CHARLESTON, SC	12.431	W15QKN-10-9-0003		461
STANFORD UNIVERSITY	12.431	W911NF-15-1-0252		104,150
STEVENS INST OF TECHNOLOGY	12.431	HQ0034-13-D-0004		(1,614)
SUBSYSTEM TECHNOLOGIES INC/CRYSTAL CITY, VA	12.431	DOTC-13-01-INIT550		19,253
UCLA/LOS ANGELES, CA	12.431	W911NF-14-1-0378		390,588
UNIV OF FLORIDA	12.431	W911NF-15-1-0623		38,353
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.431	W911NF-10-1-0524		179,518
UNIV OF MICHIGAN	12.431	W911NF-13-1-0387		319,247
UNIV OF WASHINGTON/SEATTLE, WA	12.431	W911NF-14-1-0396		93,332

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
UNIVERSAL TECHNICAL RESOURCE SERVICES (UTRS) INC./CHERRY HILL, NJ	12.431	W15QKIN-09-9-1001		70,462
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	12.431	W911NF-11-1-0332		105,347
UNIVERSITY OF WASHINGTON	12.431	W911NF-11-2-0068		286,032
VELOXITI INC./ALPHARETTA, GA	12.431	W56KGU-15-C-0008		87
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	W911W6-12-2-0003; P00006		(1,689)
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
APPLIED COMMUNICATION SCIENCES	12.630	H98230-13-D-0055		77,549
CACI	12.630	W15P7T-12-D-E010		592,590
CORPORATE FLIGHT MANAGEMENT INC. (CFM)/SMYRNA, TN	12.630	W900KK-15-D-0002 TO 0006		29,589
DHPC TECHNOLOGIES INC./WOODBIDGE, NJ	12.630	W56KGU-15-C-0029		13,216
DUKE UNIVERSITY/DURHAM, NC	12.630	W911NF16-1-0082		90,417
ERC INC	12.630	FA9300-15-C-0004		6,819
HONEYWELL INC	12.630	3501176299E		779,616
METOVA FEDERAL LLC./CABOT, AR	12.630	W91249-15-D-0006/TO 0001		4,731
PAR TECHNOLOGY CORP	12.630	W911Q-13-D-0100		367,779
RADIANCE TECHNOLOGIES/HUNTSVILLE, AL	12.630	W9113M-13-D-0006/TO0010		23,750
SAIC	12.630	W31P4Q-05-A-0031		743,800
TORCH TECHNOLOGIES INC/HUNTSVILLE, AL	12.630	W32ZP4Q-11-D-0043		90,460
Air Force Defense Research Sciences Program				
Passed through from:				
ADVANCED ROTORCRAFT TECHNOLOGY INC./MOUNTAINVIEW, CA	12.800	W911W6-16-C-0002		18,081
EWA WARRIOR SERVICES LLC./HERNDON, VA	12.800	W900KK-15-D-0002		789
Research and Technology Development				
Passed through from:				
SRI INTERNATIONAL	12.910	W911NF-15-C-0246		52,349
Total Department of the Army			9,178,670	69,831,069
Department of the Navy				
Basic and Applied Scientific Research	12.300		5,071,400	23,259,212
Basic, Applied, and Advanced Research in Science and Engineering	12.630			106,043
Information Security Grant Program	12.902		196,168	352,183
Basic and Applied Scientific Research				
Passed through from:				
AMEWAS/LEXINGTON PARK, MD	12.300	N00421-15-C-0038		168,111
CONTINUUM DYNAMICS INC/EWING, NJ	12.300	N68335-15-C-0249		10,000
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	12.300	N00014-16-1-2282		29,465
INTEGRATED SYSTEMS SOLUTIONS INC/CALIFORNIA, MD	12.300	N00178-05-D-4467-M801		42
INTEGRATED SYSTEMS SOLUTIONS INC/CALIFORNIA, MD	12.300	N68335-10-C-0461		77,550
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	12.300	N00024-13-D-6400		70,978
LEIDOS INC	12.300	N00014-14-C-0190		21,242
LUNA INNOVATIONS/BLACKBURG, VA	12.300	N00014-14-P-1235		21,390
METROLASER	12.300	N68335-13-C-0232		43,190
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	12.300			131,096
NUWAVES ENGINEERING/MIDDLETOWN, OH	12.300			22,816
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.300			97,122
PRINCETON UNIVERSITY/PLAINSBORO, NJ	12.300			171,173
RELIANT LAB SYSTEMS INC./PLACENTIA, CA	12.300			9,601
ROI DEFENSE ASSOCIATES/WASHINGTON, DC	12.300	N00178-05-D-4538 D.O.EH01		857
SOUTHWEST SCIENCES/SANTA FE, NM	12.300	N00014-15-P-1173		25,180
STTR:ADVANCED ROTORCRAFT TECHNOLOGY INC	12.300	N68335-15-C-0263		25,339
TECHNICAL DATA ANALYSIS INC/FALL CHURCH, VA	12.300	N08-006		49,604

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
TEKLA RESEARCH INC/DUMFRIES, VA	12.300	N00173-14-C-6003		45,600
TYBRIN CORPORATION/FT. WALTON BEACH, FL	12.300	N68936-10-D-0034		5,985,619
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	12.300	N00014-13-1-0632		161,261
UNIV OF MICHIGAN	12.300	NAVY/GENERAL		26,160
UNIV OF MICHIGAN	12.300	N655410-10-C-0003		41,055
University of California	12.300	N00014-15-1-2731		95,075
UNIVERSITY OF MICHIGAN	12.300	NAVY/GENERAL		26,427
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	12.300	N00014 14-1-0421		88,527
WANG ELECTRO-OPTO CORPORATION/MARIETTA, GA	12.300	N00024-13-C-4526		5,299
Basic Scientific Research				
Passed through from:				
EXELIS/CLIFTON, NJ	12.431	M67854-14-D-2544		50,523
GENERAL DYNAMICS INFORMATION TECHNOLOGY INC/FAIRFAX, VA	12.431	N00189-09-D-Z043		27,237
LOCKHEED MARTIN/FORTWORTH, TEXAS	12.431	1307131		(4)
LOCKHEED MARTIN/FORTWORTH, TEXAS	12.431	N00019-02-C-3002		36,135
Research and Technology Development				
Passed through from:				
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	12.910	N66001-14-1-4041		30,874
Total Department of the Navy			5,267,568	31,311,982
Department of the Air Force				
Basic and Applied Scientific Research	12.300			382,500
Basic, Applied, and Advanced Research in Science and Engineering	12.630			1,129,142
Air Force Defense Research Sciences Program	12.800		32,029,666	161,092,901
Basic and Applied Scientific Research				
Passed through from:				
GUERCI CONSULTING LLC/ARLINGTON, VA	12.300	FA8750-15-C-0037		59,020
STANFORD UNIVERSITY/STANFORD, CA	12.300	FA8750-12-2-0020		109,336
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
GE GLOBAL RESEARCH/NISKAYUNA, NY	12.630	2016-16031500001		6,790
LEIDOS INC	12.630	FA8620-14-D-1752		176,619
LEIDOS INC	12.630	FA8651-15-C-0334		57,082
Air Force Defense Research Sciences Program				
Passed through from:				
AECOM CONSULT INC	12.800	FA9200-08-C-0179		105,504
AEROJET ROCKETDYNE/CANOGA PARK, CA	12.800	FA9300-10-C-0010		71,519
ALION SCIENCE AND TECHNOLOGY/ROME, NEW YORK	12.800	FA4600-06-D-0003		(1,836)
AMERICAS MAKES	12.800	FA8650-12-2-7230	57,387	204,257
ATA AEROSPACE LLC/ALBUQUERQUE, NM	12.800	FA9453-12-D-0285		10,224
ATA AEROSPACE/ARNOLD AFB, TN	12.800	F40600-03-C-0001		4,978
ATK ALLIANT TECHSYSTEMS INC/PLYMOUTH, MN	12.800	FA8213-13-D-0007		14,453
ATK ALLIANT TECHSYSTEMS INC/PLYMOUTH, MN	12.800	FA8213-13-D0007-0002		(7)
AURORA FLIGHT SCIENCES/MANASSAS, VA	12.800	FA8650-15-D-1746		37,688
AVARINT/BUFFALO, NY	12.800	FA9302-15-D-0004		86,672
BAE SYSTEMS/NASHUA, NH	12.800	FA8620-11-G-4029		99,956
BERRIEHILL RESEARCH CORP/DAYTON, OH	12.800	2204		45,047
BERRIEHILL RESEARCH CORP/DAYTON, OH	12.800	AUTH TO PROCEED DTD 10/15/10		(6,625)
BLACK RIVER SYSTEMS CO / UTICA, NY	12.800	FA8650-15-C-1838		49,737
BOOZ, ALLEN AND HAMILTON INC	12.800	FA8075-14-D-1116		594,060
BOOZ, ALLEN AND HAMILTON INC	12.800	SPO700-03-D-1380		10,171
CALIFORNIA INSTITUTE OF TECH/PASEDNA, CA	12.800	FA9550-12-1-0156		134,035

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	12.800	FA9550-12-1-0458		75,280
CASE WESTERN RESERVE UNIVERSITY/CLEVELAND, OH	12.800	FA9550-12-1-0037		192,600
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA	12.800	FA8650-15-C-6628		130,016
CLARKSON AEROSPACE/HOUSTON, TX	12.800	FA8650-13-C-5800		193,955
CLARKSON AEROSPACE/HOUSTON, TX	12.800	FA8750-15-C-0234		458,949
COMBUSTION SCIENCE AND ENGINEERING LTD	12.800	FA9550-15-C-0044		36,317
CORNERSTONE RESEARCH GROUP/DAYTON, OH	12.800	13-C-8124		(662)
ENERGY RESEARCH CONSULTANTS/LAGUNA HILLS, CA	12.800	FA8650-15-M2590		23,071
ERC INC	12.800	FA9300-06-C-0023		19,213
EXELIS/COLORADO SPRINGS,CO	12.800	F19628-02-C-0010		80,904
HARPER LABS/HUNTSVILLE, AL	12.800	FA9453-14-0412		30,000
HARPER LABS/HUNTSVILLE, AL	12.800	FA9453-15C-0412		16,255
INFOSCITEX CORPORATION/ DAYTON, OH	12.800	FA865012D6354/001		24,549
IOWA STATE UNIVERSITY/AMES, IA	12.800	FA9300-06-C-0023		94,483
IS4S INTEGRATED SOLUTIONS FOR SYSTEMS/HUNTSVILLE, AL	12.800	POS-C-2015-009-001		40,000
JT3 LLC	12.800	F42650-01-C-7218		137,105
KARAGOZIAN AND CASE STRUCTURAL ENGINEERS/ GLENDALE, CA	12.800	FA8651-15-M-0209		41,608
KITWARE INC/CLIFTON PARK, NY	12.800	FA8750-12-C-0300		125,573
L3 COMMUNICATIONS/ROCKWALL, TEXAS	12.800	FA8620-06-G-4003		(76,293)
L3 COMMUNICATIONS/ROCKWALL, TEXAS	12.800	FA8620-11-G-4026		89,643
L3 DISPLAY SYSTEMS/ALPHARETTA,GA	12.800	FA8540-14-C-0010		892,273
MATRIX RESEARCH AND ENGINEERING / DAYTON, OH	12.800	FA8650-14-D-1722		464,732
MATRIX RESEARCH AND ENGINEERING / DAYTON, OH	12.800	FA8650-15-D-1746		27,959
MITRE CORPORATION/BEDFORD,MA	12.800	FA8702-15-C-0001		30,787
NORTHROP CORPORATION	12.800	FA8720-10-D-0001		1,307,770
NORTHROP GRUMMAN/HUNTSVILLE, AL	12.800	FA8750-13-D-0091		461,470
NORTHWESTERN UNIVERSITY/EVANSTON, IL	12.800	FA9550-14-1-0005		159,331
OBJECT VIDEO/RESTON,VA	12.800	FA8650-12-C-7212		57,351
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.800	FA9550-13-1-0004		106,920
PHYSICAL SCIENCES INC/ANDOVER, MA	12.800	FA8650-15-C-7551		10,597
RADIANCE TECHNOLOGIES/HUNTSVILLE, AL	12.800	FA8650-09-C-1644		58,518
RESERVOIR LABS INC/NEW YORK,NY	12.800	FA8750-12-C-0164		466
RIVERSIDE RESEARCH INST	12.800	FA8650-14-D-1725-0002		120,210
ROLLS-ROYCE	12.800	FA8650-15-D-2503		6,537
SOUTH CAROLINA RES AUTH/CHARLESTON, SC	12.800	FA8650-15-C-5704	7,930	47,568
SPACE DYNAMICS LAB/LOGAN, UTAH	12.800	FA9453-165-D-0004 (TO 0001)		34,006
SPECTRAL ENERGIES LLC / DAYTON, OH	12.800	FA8650-12-C-2200		19,665
SSAI/MELBOURNE, FL	12.800	FA8222-12-D-0011		87,930
SURVICE ENGINEERING CO/BELCAMP, MD	12.800	FA8075-14-D-0001		232,496
TEXAS ENGINEERING STATION-TAMU/COLLEGE STATION, TX	12.800	FA8651-13-1-0006		33,979
TEXAS ENGINEERING STATION-TAMU/COLLEGE STATION, TX	12.800	FA9550-13-1-0075		4,377
TEXAS ENGINEERING STATION-TAMU/COLLEGE STATION, TX	12.800	FA9550-13-1-0185		90,050
UES INC	12.800	FA8650-09-D-5037 0001		6,685
UES INC/DAYTON, OH	12.800	FA8650-11-D-5801		15,929
UES INC/DAYTON, OH	12.800	FA8650-14-D-6516 0002		107,802
UNIV OF CENTRAL FL	12.800	FA9550-14-1-0037		350,255
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.800	FA9550-10-1-0573		91,194
UNIV OF MICHIGAN	12.800	FA9550-12-1-0483		24,513
UNIV OF MICHIGAN	12.800	FA9550-13-1-0122		184,770
UNIV TECH COR/FA8650-11-D-5703	12.800	FA8650-11-D-5703		145,164
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	FA8650-10-D-3037		53,487

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	FA8650-10-D-5210		114,985
UNIVERSITY OF CALIFORNIA	12.800	FA9550-15-1-0033		191,227
UNIVERSITY OF COLORADO/BOULDER, CO	12.800	FA9550-13-1-0088		49,083
UNIVERSITY OF FLORIDA	12.800	DARPA- AIR FORCE		456,433
URS FEDERAL SERVICES INC/SHREWSBURY,NJ	12.800	FA9200-08-C-0179		29,373
WYLE LABORATORIES	12.800	HC1047-05D-4005, TAT 0261		66,105
Research and Technology Development				
Passed through from:				
HONEYWELL INC	12.910	FA8650-14-C-7402		101,645
RAYTHEON	12.910	DARPA-AVM		100,000
UNIV OF MISSOURI/COLUMBIA, MO	12.910	FA8650-14-1-7403		5,265
Total Department of the Air Force			32,094,983	172,554,696
Department of Defense				
Basic Scientific Research - Combating Weapons of Mass Destruction	12.351		191,623	716,635
Basic, Applied, and Advanced Research in Science and Engineering	12.630		15,452,276	103,642,582
Air Force Defense Research Sciences Program	12.800			359,896
Mathematical Sciences Grants Program	12.901			6,312
Research and Technology Development	12.910			676,161
Basic Scientific Research - Combating Weapons of Mass Destruction				
Passed through from:				
MONTEREY INSTITUTE OF INTERNATIONAL STUDIES/ MONTEREY,CA	12.351	HDTRA 1-15-1-0019		127,847
ROTC Language and Culture Training Grants				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	H98210-13-2-0001		66,351
Basic Scientific Research				
Passed through from:				
CORNERSTONE RESEARCH GROUP/DAYTON, OH	12.431	AGMT 8/27/2015		30,000
HIGH PERFORMANCE TECHNOLOGIES INC/ARLINGTON, VA	12.431	GS04T09DBC0017		20,000
HONEYWELL INTERNATIONAL/COONS RAPID,MN	12.431	3501701149E		220,412
INMONDO TECH/ATLANTA, GA	12.431	A15A-014-0085		54,453
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.431	W900KK-15-D-0005		17,535
Basic, Applied, and Advanced Research in Science and Engineering				
Passed through from:				
AEGIS TECHNOLOGIES GROUP INC	12.630	HQ0147-12-C-7160		86,309
ALLOY SURFACES CO INC/CHESTER,PA	12.630	HC1047-05-D-4000-0255		21,793
ARMA-GLOBAL/TAMPA, FL	12.630	H92222-11-D-0017		30,000
BAE SYSTEMS/NASHUA, NH	12.630	13-C-0117		105,183
BAE SYSTEMS/NASHUA, NH	12.630	PRECONTRACT AGMT DTD 7/9/15		92,366
BATTELLE	12.630	BPA5TP57100203		27,630
BODKIN DESIGN/WELLESLEY,MA	12.630	HQ0147-14-C-7902		(6)
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA	12.630	2014-13121700006		(11)
DECISIVE ANALYTICS CORPORATION/ARLINGTON, VA	12.630	HQ0034-11-A-0001		(679)
DYNETICS INCORPORATED	12.630	HHM402-09-D-0015		321,833
DYNETICS INCORPORATED	12.630	HHM402-15-D-0004		34,677
EMORY UNIVERSITY/ATLANTA, GA	12.630	W81XWH-12-C-0203		235
EMORY UNIVERSITY/ATLANTA, GA	12.630	W911NF-16-C-0008		18,227
GENIUSMICRO/MABLETON, GA	12.630	HQ0727-14-P-1426		(5,482)
FRONTLINE FOUNDATION LTD/ATLANTA, GA	12.630	HQ-0147-14-C-7718		73,510
GENERAL DYNAMICS C4 SYSTEMS INC	12.630	LTR SUBCONTRACT, DTD 6/11/2012		141,677
GENERAL DYNAMICS	12.630	DARPA-BAA-14-40		565,140
GILAT NORTH AMERICA/MCLEAN, VA	12.630	SPM8EJ14D0005		2,231

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	12.630	HQ0147-12-C-7166		228
HONEYWELL INC	12.630	3500835360E		330,943
HONEYWELL INC	12.630	3501085955E		2,603,690
HONEYWELL INC	12.630	3501196815E		819,511
HONEYWELL INC	12.630	3501327830E		74,912
HONEYWELL INC	12.630	3501508791E		792,894
HONEYWELL INC	12.630	3501700183E		31,397
HONEYWELL INC	12.630	CLASSIFIED		30,028
HONEYWELL INC	12.630	PO 3500905926E		(601)
IERUS TECHNOLOGIES/HUNTSVILLE,AL	12.630	HQ0147-14-C-7615		31,377
IJIS INSTITUTE/ASHBURN, VA	12.630	2009-ST-061-CC1002-06		32,615
IJIS INSTITUTE/ASHBURN, VA	12.630	2012-D6-BX-K009		373
IJIS INSTITUTE/ASHBURN, VA	12.630	2012-DB-BX-K005		80,493
INSTITUTE FOR DEFENSE ANALYSIS/ALEXANDRIA, VA	12.630	HQ0034-14-D-0001		43,768
IQM RESEARCH INSTITUTE	12.630	HR0011-16-C-0003		21,927
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	12.630	2012-12050800010		286,916
LEIDOS INC	12.630	PO10173808		26,983
LOCKHEED - FORT WORTH/FORT WORTH, TX	12.630	HR0011-13-C-0001		20,858
LOCKHEED - MARTIN/MARIETTA, GA	12.630	13-C-8125		(722)
LOCKHEED MARTIN ADVANCED TECHNOLOGY LAB/ CHERRY HILL,NJ	12.630	HR0011-15-C-0032		138,396
MACAULEY-BROWN INC	12.630	-12-C-8039		40,674
MAGNOLIA OPTICAL TECHNOLOGIES INC/WOBURN, MA	12.630	D11PC20161		(1,153)
MODERNA THERAPEUTICS/CAMBRIDGE,MA	12.630	W911NF-13-1-0417		239,793
NORTHROP GRUMMAN/BALTIMORE, MD	12.630	HR0011-15-C-0003		295,518
OPEN SOURCE ROBOTICS FOUNDATION/MOUNTAIN VIEW, CA	12.630	HR0011-12-C-0111		143,942
OPEN SOURCE ROBOTICS FOUNDATION/MOUNTAIN VIEW, CA	12.630	HR0011-15-C-0100		99,690
ORBITAL SCIENCES CORPORATION/CHANDLER, AZ	12.630	HQ0147-11-C-0006		16,863
PHOSPHOR TECH CORPORATION/MABLETON, GA	12.630	DE-SC0015159		24,527
RADIABEAM TECHNOLOGIES LLC./SANTA MONICA, CA	12.630	DE-SC0015103		11,601
RAYTHEON	12.630	H94003-04-D-0006-0358		39,055
SAIC	12.630	12-C-0108		72,677
SAIC	12.630	CLASSIFIED -12-C-8917		2,549,286
SAIC	12.630	W31P4Q-05-A0031		100,315
SAIC	12.630	W47RGZ-13-R-0136		(274)
SANDIA NATL LABS/SANDIA CORP	12.630	DE-AC04-94L85000		44,942
SANOFI PASTEUR	12.630	11R0011-11-3-0001		119,204
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.630	GS04T12DBC0007		11,485
SRC INC/NORTH SYRACUSE, NY	12.630	GS05Q15BMA0013		27,039
STEVENS INST OF TECHNOLOGY	12.630	HQ0034-13-D-0004		1,917,525
SYSTEM HIGH/ ARLINGTON,VA	12.630	HR0011-12-C-0024		951,541
TDA RESEARCH INC	12.630	HDTRA1-13-C-0090		140,999
UNIVERSITY OF CALIFORNIA/BERKLEY, CA	12.630	HM1582-08-1-0007		11,655
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/ CHAMPAIGN, IL	12.630	2014-13121700004		(48,110)
UNIVERSITY OF MICHIGAN	12.630	2013-MA-2384		186,313
ZETA ASSOCIATES INC/FAIRFAX, VA	12.630	-10-C-0064		541,541
Air Force Defense Research Sciences Program Passed through from: OAK RIDGE NAT'L LAB/MARTIN MARIETTA	12.800	DE-AC05-00OR22725		(11,766)

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

FOR THE YEAR ENDED JUNE 30, 2016

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 Technology Development				
Passed through from:				
US DEPT OF INTERIOR/INTERIOR BUSINESS CENTER/FORT HUACHUCA, AZ	12.910	D15AP00006		175,685
Total Department of Defense			15,643,899	120,519,370
Department of the Interior				
Research Grants (Generic)	15.650			89,375
Assistance to State Water Resources Research Institutes	15.805		95,983	104,901
Earthquake Hazards Reduction Program	15.807		4,500	71,640
Hurricane Sandy Program	15.979			142,876
Total Department of the Interior			100,483	408,792
Department of Justice				
Law Enforcement Assistance_Narcotics and Dangerous Drugs_Laboratory Analysis	16.001			14,676
Law Enforcement Assistance_FBI Advanced Police Training	16.300			198,568
Law Enforcement Assistance_FBI Crime Laboratory Support	16.301			168,120
Law Enforcement Assistance_National Crime Information Center	16.304			324,985
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560			97,709
Edward Byrne Memorial Justice Assistance Grant Program	16.738			1,388,498
Regional Information Sharing Systems				
Passed through from:				
CRIMINAL INFORMATION SHARING ALLIANCE/FOLSOM, CA	16.610	97-LB-VX-K009		17,704
Edward Byrne Memorial Competitive Grant Program				
Passed through from:				
UNIV OF ALABAMA/TUSCALOOSA, AL	16.751	2013-DB-BX-K059		246,171
Total Department of Justice			-	2,456,431
Department of Labor				
Occupational Safety and Health-Susan Harwood Training Grants	17.502			160,336
Consultation Agreements	17.504			1,288,146
Disability Employment Policy Development				
Passed through from:				
VISCARDI CENTER/ALBERTSON, NY	17.720	OD-26451-14-75-4-36		182,562
WIA Adult Program				
Passed through from:				
GA DEPT OF ECONOMIC DEVELOPMENT/ATLANTA, GA	17.258	AA-25348-14-55-A-13		112,116
Total Department of Labor			-	1,743,160
Department of State				
Environmental and Scientific Partnerships and Programs				
Passed through from:				
KENNESAW STATE UNIVERSITY	19.017	S-AF-200-13-CA024		83,210
SOUTHERN POLYTECHNIC STATE UNIVERSITY/MARIETTA, GA	19.017	SPK33013CA051		8,684
Energy Governance and Reform Programs				
Passed through from:				
LAWRENCE BERKELEY NATIONAL LAB	19.207	DE-AC02-05CH11231		13,300
Academic Exchange Programs - Scholars				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	19.401	ECA / A / S /S-13-05	3,796	35,839
Total Department of State			3,796	141,033

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

FOR THE YEAR ENDED JUNE 30, 2016

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 Transportation				
Aviation Research Grants	20.108			460,534
Air Transportation Centers of Excellence	20.109		96,832	1,694,233
Highway Planning and Construction	20.205		251,572	326,663
Highway Training and Education	20.215			4,334
University Transportation Centers Program	20.701		686,537	1,093,070
Research Grants	20.762			103,007
Highway Research and Development Program				
Passed through from:				
ATMOSPHERIC TECHNOLOGY SERVICES COMPANY/ NORMAN, OK	20.200	DTFAWA-14-C-00043		64,952
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	20.200	VA118-12-C-006		138,143
HDR ENGINEERING INC/PITTSBURGH, PA	20.200	DTFH61-14-D-00049		82,783
NATL INST OF BUILDING SCIENCE/WASHINGTON, DC	20.200	DTFH6114C00047		72,547
THE COLLEGE OF NEW JERSEY/EWING, NJ	20.200	16-6010/TCNJ-2004		30,160
THE NATIONAL ACADEMIES	20.200	DTFH61-13-H-000024		848
THE NATIONAL ACADEMIES	20.200	DTFH61-13-H-000024	10,295	10,295
THE NATIONAL ACADEMIES	20.200	DTFH61-13-H-00024	127,523	127,523
THE NATIONAL ACADEMIES	20.200	DTFH61-13-H-00024	46,623	100,517
UNIV OF FLORIDA	20.200	DTRT12-G-UTC04		22,915
UNIV OF FLORIDA	20.200	UF-EIES-1200024-GAT		3,192
Highway Planning and Construction				
UNIVERSITY OF NEBRASKA/LINCOLN, NE	20.205	SPR-P1 (15) M038		30,057
National Motor Carrier Safety				
Passed through from:				
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	20.218	DTMC75-14-D-00010		115,439
Research Grants				
Passed through from:				
AMERICAN PLANNING ASSOCIATION/WASHINGTON, DC	20.762	DTFH6115C00027		48,947
GA DEPT OF TRANSPORTATION	20.762	2014-19, RES PROJ 14-15		76,762
IOWA STATE UNIVERSITY/AMES, IA	20.762	HR 01-57		7,148
TRANSPORTATION RESEARCH BOARD/WASHINGTON, DC	20.762	DTFH61-13-H-00024	16,000	111,888
UNIV OF FLORIDA	20.762	DTRT12-G-UTC04	27,398	76,380
UNIV OF MARYLAND	20.762	DTFAWA-11-D-00017 ORDER #0025		(4,057)
UNIVERSITY OF CALIFORNIA/DAVIS, CA	20.762	DTRT13-G-UTC29		294,429
Total Department of Transportation			1,262,780	5,092,709
General Services Administration				
Sale of Federal Surplus Personal Property	39.007		(25,000)	72,716
Total General Services Administration			(25,000)	72,716
National Aeronautics and Space Administration				
Science	43.001		353,789	6,035,895
Aeronautics	43.002		547,211	1,803,435
Exploration	43.003		98,174	371,344
Space Operations	43.007			322,764
Education	43.008		287,603	1,565,524
Cross Agency Support	43.009		16,344	274,880
Space Technology	43.012			55,711
Science				
Passed through from:				
AURORA FLIGHT SCIENCES/CAMBRIDGE, MA	43.001	NN15AA01C		81,069
CROWN CONSULTING INC/ARLINGTON,VA	43.001	NNH11CD46Z		120,638

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
HONEYWELL INTERNATIONAL	43.001	NNL13AAOOC		21,345
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	NNN12AA01C		249,916
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	NNX11AF17G		177,266
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	NNX16AC98G		80,986
MILLENNIUM ENGINEERING AND INTEGRATION COMPANY/ ARLINGTON, VA	43.001	NNA10DF16B		304,160
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	43.001	NNX13AP04G		(367)
ROLLS-ROYCE	43.001	NNC14CA29C		129,939
SMITHSONIAN INSTITUTE/WASHINGTON, DC	43.001	NNX13AH80G		7,247
SOUTHWEST RESEARCH INSTITUTE	43.001	NNM06AA75C		146,811
SPACE TELESCOPE SCIENCE INSTITUTE	43.001	NAS5-26555		27,996
UCLA/LOS ANGELES, CA	43.001	NNM05AA86C:000032		46,702
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	43.001	NNA15BB03A		270,827
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	43.001	NNN12AA01C		2,027
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	43.001	NNX14AR28G		7,309
Aeronautics				
Passed through from:				
ADVANCED SYSTEMS & TECHNOLOGIES INC./IRVINE, CA	43.002	NNX15CL26C		26,455
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	43.002	NNX15CP08C		116,168
CROWN CONSULTING INC	43.002	NNH13CH51Z		216,133
CROWN CONSULTING INC/ARLINGTON,VA	43.002	NNH11CD46Z		673
CROWN CONSULTING INC/ARLINGTON,VA	43.002	NNH11CD46Z		115,000
CROWN CONSULTING INC/ARLINGTON,VA	43.002	NNH13CH51Z		53,276
DNC PARKS & RESORTS AT KSC INC./KENNEDY SPACE CENTER, FL	43.002	TO 1 DTD 11/18/15	1,227	439,900
JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT WALTON BEACH, FL	43.002	NNM12AA41C		161,668
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	NM0710805		138,877
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	NNN12AA01C	15,976	77,060
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	43.002	NNA14AB02A		59,021
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	43.002	NNN06AA01C		9,066
KWJ ENGINEERING INC/NEWARK, CA	43.002	NNX15CS12P		18,441
LIGHTSEY SPACE RESEARCH LLC./ATLANTA, GA	43.002	NNA15BB83C		30,911
LMI/MCLEAN,VA	43.002	NNH12336633Q		761
LMI/MCLEAN,VA	43.002	NNH13CH01Z		189,343
NATIONAL SPACE BIOMEDICAL RESEARCH INSTITUTE/ HOUSTON,TX	43.002	NCC 9-58 255		47,667
OPTO-KNOWLEDGE SYSTEMS INC/TORRANCE, CA	43.002	NNX15CL14C		50,160
SAN JOSE STATE UNIVERSITY RESEARCH FOUNDATION	43.002	NNX12AB08A		102,993
SETI INSTITUTE	43.002	NNA15BB01A		11,463
SETI INSTITUTE/MOUNTAIN VIEW, CA	43.002	NNX12AJ33G		4,141
SPACE TELESCOPE SCIENCE INSTITUTE	43.002	NAS5-26555		74,920
STONE AEROSPACE/DEL VALLE, TX	43.002	NNX15AT32G		16,112
UNITED TECHNOLOGIES/EAST HARTFORD, CT	43.002	NNC12CA36C		107,387
UNIV OF MICHIGAN	43.002	BBX11AI19A		10,336
UNIVERSITY OF CONNECTICUT/STORRS, CT	43.002	NNX15AU96A		20,843
XAVIER UNIVERSITY OF LA/NEW ORLEANS	43.002	NNX15AP44A		158,174
Exploration				
Passed through from:				
NORTHWESTERN UNIVERSITY/EVANSTON, IL	43.003	NNX15AM32G		15,704
Total National Aeronautics and Space Administration			1,320,324	14,376,077

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
The National Endowment for Arts				
National Leadership Grants				
Passed through from:				
OREGON STATE UNIVERSITY/CORVALLIS, OR	45.312	LG-07-13-0328-13		7,033
Total The National Endowment for Arts			-	7,033
National Science Foundation				
Engineering Grants	47.041		1,126,842	19,121,673
Mathematical and Physical Sciences	47.049		1,753,907	13,949,072
Geosciences	47.050		153,941	4,070,159
Computer and Information Science and Engineering	47.070		443,436	17,647,557
Biological Sciences	47.074		1,000	1,827,190
Social, Behavioral, and Economic Sciences	47.075			1,133,982
Education and Human Resources	47.076		461,660	5,756,698
Polar Programs	47.078			52,416
Office of International and Integrative Activities	47.079			140,272
Office of Cyberinfrastructure	47.080			235,260
Engineering Grants				
Passed through from:				
ARIZONA STATE UNIVERSITY	47.041	1449501 NSF		451,680
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	09-167		89,625
BIORASIS INC/STORRS,CT	47.041	1230148		16,894
CITY COLLEGE OF NEW YORK/NEW YORK, NY	47.041	EFRI-1137172		22,826
CLEMSON UNIVERSITY	47.041	IIP-1312260		16,512
CLEMSON UNIVERSITY/CLEMSON, SC	47.041	1538215		6,159
COLUMBIA UNIVERSITY/NEW YORK, NY	47.041	CCMI-1551829		120,741
CONTINUUM DYNAMICS INC/EWING, NJ	47.041	1521402		67,445
CORNELL UNIVERSITY	47.041	44771-7471		520,470
EMORY UNIVERSITY	47.041	EFRI-1137229		212,048
EMORY UNIVERSITY/ATLANTA, GA	47.041	CBET-1150235		63,241
EMORY UNIVERSITY/ATLANTA, GA	47.041	SMA-1328567		60,887
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	47.041	NSF CMMI-1344672		173,873
KWJ ENGINEERING INC/NEWARK, CA	47.041	1058563		28,701
MA INSTITUTE OF TECHNOLOGY	47.041	DBET-0939511	203,761	750,094
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.041	CBET-0939511	79,742	721,468
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	47.041	1600417		60,415
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	47.041	ECCS-1407880		29,629
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	47.041	TO# 14 - 3168M-GIT-TPSU-0000		11,078
PRINCETON UNIVERSITY/PLAINSBORO, NJ	47.041	EFRI-1136913		20,657
STATE UNIV OF NEW YORK AT BINGHAMTON/BINGHAMTON, NY	47.041	11346876, AMEND. 9		23,477
STATE UNIV OF NY AT STONY BROOK/STONY BROOK,NY	47.041	CNS-0926190		44,642
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	47.041	EEC-1129525		3,160
UCLA/LOS ANGELES, CA	47.041	PHY-1229792		(5,738)
UNIV OF WASHINGTON/SEATTLE, WA	47.041	CHE1156598AM001		12,207
UNIVERSITY OF CALIFORNIA/DAVIS, CA	47.041	CMMI-1437327		26,115
UNIVERSITY OF CALIFORNIA/IRVINE,CA	47.041	CCMI-1631873		25,589
UNIVERSITY OF MINNESOTA	47.041	EEC-0540834		413,081
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	CBET-1444745		67,046
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	EEC-1263346		14,199
UNIVERSITY OF NEBRASKA/LINCOLN, NE	47.041	1619918		3,305
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.041	CMMI-1265616		44,052
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN,TX	47.041	1542747		50,038

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Mathematical and Physical Sciences				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	47.049	CHE-1205646		441,686
IBM/DARPA	47.049	IBM/DARPA		42,664
NATIONAL SCIENCE FOUNDATION/GENERAL	47.409	1560165		42,606
UNIV OF NORTH CAROLINA/CHAPEL HILL, NC	47.049	DMR-1105147		4,864
UNIV. OF WISCONSIN - TRACE CENTER/MADISON, WI	47.049	1503408		146,318
Geosciences				
Passed through from:				
DUKE UNIVERSITY/DURHAM, NC	47.050	EAR-1331846		154,069
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	47.050	OCE-1026607		12,419
UNIV OF SOUTHERN CALIFORNIA/MARINA DEL RAY, CA	47.050	EAR-1033462		1,114
UNIVERSITY OF GEORGIA	47.050	1559476		20,220
UNIVERSITY OF MINNESOTA/ST. PAUL, MN	47.050	GEO-1231325		11,850
UNIVERSITY OF NEW HAMPSHIRE/DURHAM, NH	47.050	EAR-1331841		64,527
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.050	EAR-1033462		44,626
Computer and Information Science and Engineering				
Passed through from:				
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	47.070	IIS-1217559		21,663
CLEMSON UNIVERSITY/CLEMSON, SC	47.070	ACI-1440659		10,000
COMPUTING RESEARCH ASSOCIATION/WASHINGTON, DC	47.070	1136993		100,985
CORNELL UNIVERSITY/ITHACA, NY	47.070	CCF-1522054		5,188
FLORIDA INTERNATIONAL UNIVERSITY/MIAMI, FL	47.070	14-554		147,102
HIFUNDA LLC	47.070	W911NF-16-P-0020		2,790
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	47.070	CNS-1346688		125,332
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	47.070	CNS-1248117		4,721
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/ CHAMPAIGN, IL	47.070	1447879		443
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/ CHAMPAIGN, IL	47.070	2011-00318-31		42,561
UNIVERSITY OF ILLINOIS AT URBANA	47.070	CSA OCI-0725070		38,316
Biological Sciences				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.074	EEC-0080012		252,245
DUKE UNIVERSITY/DURHAM, NC	47.074	IOS-1411750		20,446
IOWA STATE UNIVERSITY/AMES, IA	47.074	DBI-1353819		29,275
IOWA STATE UNIVERSITY/AMES, IA	47.074	IOS-1257631		58,549
MONTANA STATE UNIVERSITY/BOZEMAN, MONTANA	47.074	1342876		106,401
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	47.074	P.O. #30515609		19,026
UNIVERSITY OF ARIZONA/TUCSON, AZ	47.074	DBI-1265383		39,998
UNIVERSITY OF GEORGIA/ATHENS, GA	47.074	MCB1411672		25,730
Social, Behavioral, and Economic Sciences				
Passed through from:				
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.075	1262251		9,675
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.075	SES-0937591		92,809
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION/NORFOLK, VA	47.075	1631953		67,291
UNIVERSITY OF NORTH TEXAS/FT. WORTH, TX	47.075	SMA-14-15121		43,117
Education and Human Resources				
Passed through from:				
GEORGIA STATE UNIV/ATLANTA, GA	47.076	DRL-1433327		67,408
KENNESAW STATE UNIVERSITY/MARIETTA, GA	47.076	DUE-1340019		24,786
SEARCH TECHNOLOGY INC	47.076	DRL-1348765		102,987
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	HRD1102506		15,742

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Office of International and Integrative Activities				
Passed through from:				
CIVILIAN RES & DEVL FOUN (CRDF)/ARLINGTON, VA	47.079	OISE-15-61220-0		8,473
UNIVERSITY OF KENTUCKY	47.079	IIA-1355438		46,095
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.079	OISE 1243535		110,510
Office of Cyberinfrastructure				
Passed through from:				
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/ CHAMPAIGN, IL	47.080	CSA OCI-0725070		44,617
Office of Integrative Activities				
Passed through from:				
UNIV OF KY RESEARCH FDN/LEXINGTON,KY	47.083	OIA-1355438		32,110
Total National Science Foundation			4,224,289	70,803,249
Department of Veteran Affairs				
Vocational Rehabilitation for Disabled Veterans	64.116			14,286
Total Department of Veteran Affairs			-	14,286
Environmental Protection Agency				
Science To Achieve Results (STAR) Research Program	66.509			476,025
Science To Achieve Results (STAR) Fellowship Program	66.514			2,182
P3 Award: National Student Design Competition for Sustainability	66.516			13,855
Pollution Prevention Grants Program	66.708			53,350
Source Reduction Assistance	66.717			16,357
Ozone Transport Commission				
Passed through from:				
HEALTH EFFECTS INSTITUTE	66.033	CR-83467701	11,996	132,204
Surveys, Studies, Research, Investigations, Demos, & Special Purpose Activities Related to Clean Air Act				
Passed through from:				
HEALTH EFFECTS INSTITUTE/CAMBRIDGE, MA	66.034	CR-83467701	61,572	202,080
SOUTHEASTERN STATES AIR RESOURCE MANAGERS INC/FOREST PARK,GA	66.034	S-2010-04-01		260,845
Congressionally Mandated Projects				
Passed through from:				
THE CONSORTIUM FOR PLANT BIOTECH RES INC/ ST SIMONS ISLAND, GA	66.202	EPA8348801-339		23,335
Regional Wetland Program Development Grants				
Passed through from:				
GA DEPT NATURAL RESOURCES	66.461	CD-00D01112-0		34,107
Science To Achieve Results (STAR) Research Program				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	66.509	RD-83479901-1	3,496	497,995
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	66.509	83486601		90,514
Total Environmental Protection Agency			77,064	1,802,849
Nuclear Regulatory Commission				
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008			84,787
U. S. Nuclear Regulatory Commission Nuclear Education Grant Program				
Passed through from:				
M. TUTTLE AND ASSOCIATES/GEORGETOWN,ME	77.006	NRC-HQ-11-C-04-0041		1,256
Total Nuclear Regulatory Commission			-	86,043

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

FOR THE YEAR ENDED JUNE 30, 2016

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 Energy				
Office of Science Financial Assistance Program	81.049		1,021,882	5,895,591
Conservation Research and Development	81.086		77,328	1,458,594
Renewable Energy Research and Development	81.087		499,024	1,339,943
Fossil Energy Research and Development	81.089		24,882	1,436,663
Stewardship Science Grant Program	81.112			193,888
Defense Nuclear Nonproliferation Research	81.113			111,264
Nuclear Energy Research, Development and Demonstration	81.121		459,359	1,692,831
Electricity Delivery and Energy Reliability, Research, Development and Analysis	81.122			21,133
Advanced Research and Projects Agency – Energy Financial Assistance Program	81.135		831,181	3,852,581
Office of Science Financial Assistance Program				
Passed through from:				
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	DE-AC02-06CH11357		46,927
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.049	ASU -DWS0684		148,067
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.049	DE-AR0000470		262,312
BATTELLE	81.049	GS-23F-0011L		22,631
CERAMATEC/SALT LAKE CITY, UTAH	81.049	DE-EE0007110		322,100
CONTINUUM DYNAMICS INC/EWING, NJ	81.049	DE-SC0013231		41,360
DROPLET MEASUREMENT TECHNOLOGIES/ BOULDER, CO	81.049	DE-FOA-0001164		95,560
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	81.049	DE-FG02-07ER46451		66,928
HIFUNDA LLC/SALT LAKE CITY,UT	81.049	DE-SC0013248		53,206
HONEYWELL INC	81.049	DE-NA0002839		26,729
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	DE-AC07-05ID14517	983,146	2,023,475
KENT STATE UNIVERSITY	81.049	DE-SC0001412		1,308
LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF CALIFORNIA	81.049	DE-AC02-05CH11231		806,569
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	DE-AC52-07NA27344		334,107
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY (LANS)	81.049	DE-AC52-06NA25396		358,629
MATERIALS & ELECTROCHEMICAL RESEARCH (MER) CORP./ TUCSON, AZ	81.049	AGMT DTD NOV-19-2012		11,910
NATL RENEWABLE ENERGY LAB/ALLNC FOR SUSTAIN ENGY	81.049	DE-AC36-08GO28308		66,440
NORTHROP GRUMMAN/REDONDO BEACH, CA	81.049	2868616		359
OAK RIDGE ASSOCIATED UNIV/OAK RIDGE, TENNESSEE	81.049	DE-AC05-06OR23100		164,042
OAK RIDGE INSTI OF SCI & EDU/OAK RIDGE, TN	81.049	IC POSTDOC PROGRAM		5,571
OAK RIDGE INSTI OF SCI & EDU/OAK RIDGE, TN	81.049	INTERAGENCY TRANSFER		6,602
OAK RIDGE NATL LAB/OAK RIDGE, TN	81.049	DE-AC05-00OR22725		171,794
OG TECHNOLOGIES/ANN ARBOR, MI	81.049	DE-SC0010169		75,377
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	DE-AC05-76RL01830		585,056
PICASOLAR INC./FAYETTEVILLE, AR	81.049	DE-EE0006691		127,547
PRAXAIR/TONAWANDA, NY	81.049	DE-FE0026163		208,190
PROJECT PERFORMANCE CORP/MCLEAN, VA	81.049	DE-EE0001024		58,694
QUES TEK INNOVATIONS LLC	81.049	DE-NR000031		169,619
SANDIA	81.049	126560		2,455
SANDIA NATL LABS/SANDIA CORP	81.049	DE-AC04-94L85000		961,616
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/ AIKEN, SC	81.049	DE-AC09-08SR22470		1,671
SILA NANOTECHNOLOGIES INC/ ATLANTA, GA	81.049	DE-EE0006862		140,221
STATE UNIV OF NY AT STONY BROOK	81.049	DE-SC0012673		271,058
SUNEDISON, INC	81.049	DE-EE0005755		6,902
SUNIVA/ ATLANTA, GA	81.049	DE-EEE0006354.0000		626,841
THIRD WAVE SYSTEMS/MINNEAPOLIS, MN	81.049	DE-EE0005762/000		98,888
THIRD WAVE SYSTEMS/MINNEAPOLIS, MN	81.049	DE-EE0005762/003		12,750
UNIV OF CENTRAL FL	81.049	DE-EE0004947		16,155
UNIV OF NORTH CAROLINA/CHAPEL HILL, NC	81.049	DE-SC0001011/0003		49,861

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
UNIV OF NOTRE DAME/SOUTH BEND, IN	81.049	2013-MA-2383		47,066
UNIV OF SOUTH CAROLINA/COLUMBIA, SC	81.049	DE-SC0001061		3,755
UNIV OF TENNESSEE	81.049	DE-SC0006662		5,190
UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	1272218		113,334
UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	DE-EE0005942		16,366
UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	DE-SC0001084		(28)
UNIVERSITY OF DELAWARE	81.049	DE-SC0001004		88,757
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	81.049	DE-SC0008688		171,980
UNIVERSITY OF OKLAHOMA	81.049	DE-SC0010715		113,641
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	81.049	DOE-FG02-05ER15731		31,592
US DEPT OF ENERGY/ARGONNE, IL	81.049	DE-FG02-07ER46394		107,958
UT BATTELLE LLC	81.049	DE-AC05-00OR22725		1,089,335
VANDERBILT UNIVERSITY/NASHVILLE, TN	81.049	DE-FC01-06320753		179,332
VARENTEC, INC / SAN JOSE, CA	81.049	DE-AR0000229		417,107
VURONYX TECHNOLOGIES INC./BEVERLY, MA	81.049	DE-SC0013743		75,000
XG SCIENCES/LANSING, MI	81.049	DE-SC0009225		71,610
Conservation Research and Development				
Passed through from:				
SOUTHFACE ENERGY INSTITUTE	81.086	DE-EE0006290		75,427
Renewable Energy Research and Development				
Passed through from:				
AMTECH SYSTEMS INC./TEMPE, AZ	81.087	DE-EE0007189		208,749
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.087	DE-EE0005996		206,618
ELECTRIC POWER RES INST	81.087	#10001646		186,536
PURDUE UNIVERSITY/WEST LAFAYETTE	81.087	DE-EE0007117		240,548
STANFORD UNIVERSITY/STANFORD, CA	81.087	DE-EE0004946		159,078
Fossil Energy Research and Development				
Passed through from:				
CLEMSON UNIVERSITY/CLEMSON, SC	81.089	DE-FE0023313		96,077
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.089	DE-AC05-00OR2725		194,057
Defense Nuclear Nonproliferation Research				
Passed through from:				
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	81.113	DE-NA0002576		313,630
Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Training and Technical Analysis/Assistance				
Passed through from:				
HONEYWELL INC	81.117	DE-NA0000622		47,550
Nuclear Energy Research, Development and Demonstration				
Passed through from:				
CONSOLIDATED NUCLEAR SECURITY LLC/OAK RIDGE, TN	81.121	DE-NA0001942		1,024
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.121	DE-AC07-05ID14517		37,243
LOS ALAMOS NATIONAL LAB	81.121	DE-AC52-06NA25396		30,000
NATL RENEWABLE ENERGY LAB/ALLNC FOR SUSTAIN ENGY	81.121	DE-AC36-08GO28308		43,180
SANDIA NATL LABS/SANDIA CORP	81.121	DE-ACO4-94AL-85000		193,562
SAVANNAH RIV NATL LAB/SAVANNAH RIV NUCLEAR SOL LLC/ AIKEN, SC	81.121	DE-AC09-08SR22470		14,376
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.121	DE-NE0008275		88,502
UNIVERSITY OF ARKANSAS/FAYETTEVILLE, AR	81.121	DE-NE0008309		69,065
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.121	DE-AC05-00OR22725		80,002
Advanced Research Projects Agency - Energy				
Passed through from:				
UCLA/LOS ANGELES, CA	81.135	DE-AR0000501		75,582
Total Department of Energy			<u>3,896,802</u>	<u>29,344,816</u>

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

FOR THE YEAR ENDED JUNE 30, 2016

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 Education				
Fund for the Improvement of Postsecondary Education	84.116		112,499	842,689
National Institute on Disability and Rehabilitation Research	84.126		10,803	31,908
National Institute on Disability and Rehabilitation Research	84.133			(450)
Graduate Assistance in Areas of National Need	84.200			52,395
Rehabilitation Training - Continuing Education				
Passed through from:				
CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER/ CINCINNATI, OH	84.264	H133G130272		27,870
Mathematics and Science Partnerships				
Passed through from:				
OHIO STATE UNIVERSITY/COLUMBUS, OH	84.366	DRL-1252399		2,348
Improving Teacher Quality State Grants				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	S367B130011		(732)
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	S367B150011		10,114
Directed Grants and Awards				
Passed through from:				
ST OF GA GOVERNOR'S OFFICE/ATLANTA, GA	84.417	66IF004		(115,737)
Total Department of Education			123,302	850,405
U.S. Election Assistance Commission				
Woodrow Wilson Center Fellowships in the Humanities and Social Sciences				
Passed through from:				
WILSON CENTER/WASHINGTON, DC	90.403	WF 15690016		50,200
Total U.S. Election Assistance Commission			-	50,200
Department of Health and Human Services				
Innovations in Applied Public Health Research	93.061		523,837	2,507,963
Laboratory Training, Evaluation, and Quality Assurance Programs	93.064			42,008
Laboratory Leadership, Workforce Training and Management Development, Improving Public Health Laboratory Infrastructure	93.065			118,763
Public Health Emergency Preparedness	93.069			90,412
Blood Disorder Program: Prevention, Surveillance, and Research	93.080			14,535
Food and Drug Administration_Research	93.103		278,934	552,843
Environmental Health	93.113		48,691	162,421
Oral Diseases and Disorders Research	93.121		32,331	483,456
Research Related to Deafness and Communication Disorders	93.173			1,809
Human Health Studies_Applied Research and Development	93.206		100,071	4,928,896
Mental Health Research Grants	93.242		114,175	1,073,692
Alcohol Research Programs	93.273			11
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286		853,696	2,637,888
Trans-NIH Research Support	93.310		(4,610)	(1,043)
Cancer Cause and Prevention Research	93.393		31,938	287,708
Cancer Detection and Diagnosis Research	93.394			48,654
Cancer Treatment Research	93.395			432,964
Cancer Biology Research	93.396			(148)
ACL National Institute on Disability, Independent Living, and Rehabilitation Research	93.433		59,338	781,567
A Comprehensive Approach to Good Health and Wellness in Indian County – financed solely by Prevention and Public Health	93.762		9,635	211,424
Cardiovascular Diseases Research	93.837		1,121,716	2,603,519
Lung Diseases Research	93.838			265,542
Arthritis, Musculoskeletal and Skin Diseases Research	93.846		78,479	1,341,953
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847			170,639

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		91,347	2,951,674
Allergy and Infectious Diseases Research	93.855		358,574	1,371,165
Biomedical Research and Research Training	93.859		676,776	4,557,595
Child Health and Human Development Extramural Research	93.865			205,212
Aging Research	93.866		48,411	822,900
Vision Research	93.867		176,437	759,133
Special Projects of National Significance	93.928			10,241
International Research and Research Training	93.989		413,247	829,823
Technical Assistance and Provision for Foreign Hospitals and Health Organizations				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.019	HHSN272201200031C		383,547
National Family Caregiver Support, Title III, Part E				
Passed through from:				
GA DEPT OF HEALTH & HUMAN SVCS/HUMAN RESOURCES	93.052	15AAGAT3FC		8,169
Food and Drug Administration_Research				
Passed through from:				
GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	93.103	1U18FD005565-01		5,896
Environmental Health				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.113	1P30ES019776-01A1		211,513
UNIVERSITY OF MIAMI MEDICAL SCHOOL/MIAMI, FL	93.113	5P01AG017211-14		1
Oral Diseases and Disorders Research				
Passed through from:				
UNIVERSITY OF ALABAMA	93.121	5U19DE022516-04		177,519
Research Related to Deafness and Communication Disorders				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.173	3 R01 DC008343-06A1S1		4,637
EMORY UNIVERSITY/ATLANTA, GA	93.173	5 R01 DC008343-10		49,569
Human Health Studies-Applied Research and Development				
Passed through from:				
ALLEN INSTITUTE FOR BRAIN SCIENCE/SEATTLE, WA	93.206	R01NS075436		96,189
ATL REGIONAL COMMISSION	93.206	AG1630		69,190
DANA-FARBER CANCER INSTITUTE INC./BOSTON, MA	93.206	1U01CA184374-01A1		4,274
EMORY UNIVERSITY/ATLANTA, GA	93.206	5 UL1 TR000454-09		20,676
GEORGIA DEPT OF COMMUNITY HEALTH/ATLANTA,GA	93.206	CMS-1H1-13-001		448,360
INTAN TECHNOLOGIES/LOS ANGELES, CA	93.206	2R44NS083108-02		59,746
NEW ENGLAND RESEARCH INSTITUTE/WATERTOWN, MA	93.206	U10-HL068270		(44,078)
OAK RIDGE INSTITUTE OF SCIENCE	93.206	LETTER FROM ORAU		6,705
SCRIPPS RESEARCH INSTITUTE/ LA JOLLA,CA	93.206	1 R21 AI119971-01		84,926
SCRIPPS RESEARCH INSTITUTE/ LA JOLLA,CA	93.206	5 P50 GM103368-04		209,427
Research on Healthcare Costs, Quality and Outcomes				
Passed through from:				
GEORGIA STATE UNIV/ATLANTA, GA	93.226	1R21HS021799-01A1		36,589
Policy Research and Evaluation Grants				
Passed through from:				
DELOITTE CONSULTING	93.239	200-2014-59300		5,226
Mental Health Research Grants				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.242	1R01MH100467-03		51,392
EMORY UNIVERSITY/ATLANTA, GA	93.242	1R21MH102677-01		75,781

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Occupational Safety and Health Program				
Passed through from:				
CPWR-THE CENTER FOR CONSTRUCTION RESEARCH AND TRAINING/SILVER SPRINGS, MD	93.262	U60 OH009762		5,903
Drug Abuse and Addiction Research Programs				
Passed through from:				
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	93.279	5U19DA026838-08		283
Discovery and Applied Research for Technological Innovations to Improve Human Health				
Passed through from:				
CORNELL UNIVERSITY/ITHACA, NY	93.286	2R01EB016407-09A1		134,932
DREXEL UNIVERSITY/PITTSBURG, PA	93.286	R01EB012855		3
EMORY UNIVERSITY	93.286	1R21EB019068-01		108,227
EMORY UNIVERSITY/ATLANTA, GA	93.286	1R21EB016662-01A1		48,224
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	93.286	1U01EB018818-01		166,494
NORTHEASTERN UNIVERSITY/BOSTON, MA	93.286	1R21EB018764-01		137
UNIV OF LOUISVILLE/LOUISVILLE, KY	93.286	1R21EB020107-01		84,488
UNIVERSITY OF MEMPHIS/MEMPHIS, TN	93.286	1U54EB020404-01		295,212
National Public Health Improvement Initiative				
Passed through from:				
FULTON COUNTY	93.292	1U58DP005568-01		247,836
Trans-NIH Research Support				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.310	1DP7OD018424-01		30,571
EMORY UNIVERSITY/ATLANTA, GA	93.310	5 R01CA163256-03		36,770
THE J. DAVID GLADSTONE INSTITUTES/SAN FRANCISCO, CA	93.310	R01AR062006		51,542
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN, TX	93.310	1R01GM095638-01		27,217
National Center for Advancing Translational Sciences				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.350	2 UL1 TR000454-06		307,735
EMORY UNIVERSITY/ATLANTA, GA	93.350	3 UL1TR000454-09		53,995
EMORY UNIVERSITY/ATLANTA, GA	93.350	3 UL1TR000454-09S1		27,861
Cancer Cause and Prevention Research				
Passed through from:				
RICE UNIVERSITY/HOUSTON, TEXAS	93.393	1R01CA190329-01A1		29,837
Cancer Detection and Diagnosis Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.394	1U01CA151802-01		64,985
EMORY UNIVERSITY/ATLANTA, GA	93.394	5R01CA156775-05REVIS		29,605
RICE UNIVERSITY/HOUSTON, TEXAS	93.394	R01CA103830		51,212
Cancer Treatment Research				
Passed through from:				
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	93.395	R01CA149451		106,720
ACL National Institute on Disability, Independent Living, and Rehabilitation Research				
Passed through from:				
CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER/ CINCINNATI, OH	93.433	90IF0059-01-00		64,009
Family Connection Grants				
Passed through from:				
DIVISION OF FAMILY & CHILDREN SVCS (DFACS)/ATLANTA, GA	93.605	1		2,400
DIVISION OF FAMILY & CHILDREN SVCS (DFACS)/ATLANTA, GA	93.605	2		2,400
ACL National Institute on Disability, Independent Living, and Rehabilitation Research				
Passed through from:				
VIRGINIA COMMONWEALTH UNIVERSITY/RICHMOND, VA	93.646	SS00-15-60034		53,448

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Ebola Support: Transmission and Prevention Control, Public Health Preparedness, Vaccine Development				
Passed through from:				
EMORY UNIVERSITY	93.823	1U54CK00453-01		121,253
Heart and Vascular Diseases Research				
Passed through from:				
EMORY UNIVERSITY	93.837	1 R01 HL070531-03		(19)
EMORY UNIVERSITY	93.837	1R01HL119798-01		167,739
EMORY UNIVERSITY/ATLANTA, GA	93.837	1 DP3 DK094346		37,726
EMORY UNIVERSITY/ATLANTA, GA	93.837	1R56HL124380-01		34,248
EMORY UNIVERSITY/ATLANTA, GA	93.837	1U54HL112309-01		57,823
EMORY UNIVERSITY/ATLANTA, GA	93.837	2 R01 HL070531		(46,231)
EMORY UNIVERSITY/ATLANTA, GA	93.837	SP20HL113451-02		84,673
ROCHESTER INSTITUTE OF TECHNOLOGY/ROCHESTER, NY	93.837	7R01HL089271-06		(1,296)
UNIVERSITY OF PENNSYLVANIA	93.837	1R01HL113216-01A1		259,879
UNIVERSITY OF TEXAS AT AUSTIN	93.837	1R01HL119297-01		316,329
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	93.837	DE-AC05-00OR22725		21,536
Translation and Implementation Science Research for Heart, Lung, Blood Diseases, and Sleep Disorders				
Passed through from:				
NANOHYBRIDS INC./AUSTIN, TX	93.840	HHSN268201400039C		8,779
Arthritis, Musculoskeletal and Skin Diseases Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.846	1U01AR067169-01		11,803
JOHNS HOPKINS UNIV/BALTIMORE, MD	93.846	3 & 5 R01 AR062074-0351 & -04		44,150
VIRGINIA COMMONWEALTH UNIVERSITY/RICHMOND, VA	93.846	7R01AR052102-07		41,357
Diabetes, Digestive, and Kidney Diseases Extramural Research				
Passed through from:				
COLUMBIA UNIVERSITY/NEW YORK, NY	93.847	1 R01 DK090372-01		17,208
Extramural Research Programs in the Neurosciences and Neurological Disorders				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.853	1R21NS085382-01A1		24
EMORY UNIVERSITY/ATLANTA, GA	93.853	1U01NS094302-01		176,670
EMORY UNIVERSITY/ATLANTA, GA	93.853	3 R21 NS072810-02		(5,612)
EMORY UNIVERSITY/ATLANTA, GA	93.853	5R01NS078095-04		8,107
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	93.853	5R01NS083856-02		167,032
UNIVERSITY OF CALIFORNIA/BERKELEY, CA	93.853	5R01NS087253-02		171,015
WRIGHT STATE UNIVERSITY	93.853	R01NS082354		24,122
Allergy, Immunology and Transplantation Research				
Passed through from:				
BOSTON UNIVERSITY/BOSTON, MA	93.855	1R01AI113321-01		43,785
EMORY UNIVERSITY	93.855	5 R01 AL101047-02REV		121,712
EMORY UNIVERSITY/ATLANTA, GA	93.855	1 R01 A1093406-01		139,566
EMORY UNIVERSITY/ATLANTA, GA	93.855	1R01AI110680-01A1		207,060
EMORY UNIVERSITY/ATLANTA, GA	93.855	1R01AI111557-01		245,172
EMORY UNIVERSITY/ATLANTA, GA	93.855	1R01AI111907-01		52,468
EMORY UNIVERSITY/ATLANTA, GA	93.855	1R01AI116835-01		80,587
EMORY UNIVERSITY/ATLANTA, GA	93.855	2U19AI057266-11		36,031
EMORY UNIVERSITY/ATLANTA, GA	93.855	2U19AI090023-06		27,413
EMORY UNIVERSITY/ATLANTA, GA	93.855	4U19AI090023-02		(145)
EMORY UNIVERSITY/ATLANTA, GA	93.855	5 R01AI098628-04		26,770
GEORGIA STATE UNIV/ATLANTA, GA	93.855	1R01AI1105170-01		59,514
THE J. DAVID GLADSTONE INSTITUTES/SAN FRANCISCO, CA	93.855	R21AI109499		16,516
UNIVERSITY OF LOUISIANA LAFAYETTE/LAFAYETTE, LA	93.855	7R01AI111907-03		63,675

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Biomedical Research and Research Training				
Passed through from:				
CALIFORNIA INSTITUTE OF TECH/PASEDNA, CA	93.859	R01GM101425A		34,855
EMORY UNIVERSITY/ATLANTA, GA	93.859	1R01GM09394-01A1		21,715
HARVARD UNIVERSITY/BOSTON, MA	93.859	1R01GM108962-01		197,520
UNIV OF ILLINOIS/URBANA, ILLINOIS	93.859	5R01 GM067887-10		(1,007)
UNIV OF IOWA/IOWA CITY, IA	93.859	2 R01 GM084242-06A1		117,209
UNIV OF WASHINGTON/SEATTLE, WA	93.859	5P01GM099568-02		330,927
Child Health and Human Development Extramural Research				
Passed through from:				
EMORY UNIVERSITY	93.865	2P01HD032571-16		173,506
EMORY UNIVERSITY/ATLANTA, GA	93.865	2 P01 HD032571-16		147,479
EMORY UNIVERSITY/ATLANTA, GA	93.865	2 RO1 HD046922-06A2		84,097
Aging Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.866	2 P50AG025688-11		69,958
UNIVERSITY OF MIAMI MEDICAL SCHOOL/MIAMI, FL	93.866	2P01AG017211-16A1		190,271
Vision Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.867	2T32EY007092-29		2,886
EMORY UNIVERSITY/ATLANTA, GA	93.867	5 R01 EY022342-03/560624		23,544
EMORY UNIVERSITY/ATLANTA, GA	93.867	5R01EY021592-03		1,310
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	93.867	1 R01 EY023173-01		252,215
NORTHWESTERN UNIVERSITY/EVANSTON, IL	93.867	R01EY019696		90,831
UNIV OF PITTSBURG/PITTSBURG, PA	93.867	2R01EY013178-15		72,553
UNIVERSITY OF COLORADO	93.867	1R01EY022097-01A1		255,713
Total Department of Health and Human Services			<u>5,013,023</u>	<u>39,166,540</u>
Corporation for National Public Community				
AmeriCorps				
Passed through from:				
GA DEPT COMMUNITY AFFAIRS	94.006	11AFHGA0010003		196,766
JUMPSTART FOR YOUNG CHILDREN/ATLANTA, GA	94.006	JS-SITE #45		12,468
Total Corporation for National Public Community			<u>-</u>	<u>209,234</u>
Department of Homeland Security				
State and Local Homeland Security National Training Program	97.005			203,307
Homeland Security Advanced Research Projects Agency	94.065			194,466
Homeland Security Testing, Evaluation, & Demonstration of Technologies	97.077		21,171	830,623
Homeland Security, Research, Testing, Evaluation, and Demonstration of Technologies	97.108			444,710
State and Local Homeland Security National Training Program				
Passed through from:				
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.005	EMW-2014-SS-00092		1,271,905
Centers for Homeland Security				
Passed through from:				
GEORGIA STATE UNIV/ATLANTA, GA	97.061	Z901218		30,000
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	97.061	2009-ST-061-CI0001		97,282
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	97.061	210-ST-061-FD0001		67,723
Total Department of Homeland Security			<u>21,171</u>	<u>3,140,016</u>

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Agency for International Development				
USAID Foreign Assistance for Programs Overseas				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	98.001	BAA-GLOBALHEALTH-2015		1,514
UNIVERSITY OF TOLEDO/TOLEDO, OHIO	98.001	AID-OAA-TO-11-00049/1001624145		5,040
Total Agency for International Development			-	6,554
Total Research and Development-Cluster			78,386,108	567,205,358
Student Financial Assistance-Cluster:				
Department of Education				
Federal Work-Study Program	84.033			563,893
Federal Pell Grant Program	84.063			11,137,187
Federal Direct Student Loans	84.268			82,145,651
Total Department of Education			-	93,846,731
Total Student Financial Assistance-Cluster			-	93,846,731
Other Programs:				
Department of Commerce				
Cluster Grants	11.020			244,885
Science and Research Park Development Grants	11.030			119,691
Economic Development_Technical Assistance	11.303			(270)
Passed through from:				
ENTERPRIZE EVENTS INC/HATO REY, PR	11.303	129938		75,716
Economic Adjustment Assistance	11.307			(9,036)
Trade Adjustment Assistance	11.313		319,386	1,164,694
Manufacturing Extension Partnership	11.611		147,272	3,028,032
Science, Technology, Business and/or Education Outreach	11.620			5,500
MBDA Business Center	11.805			164,959
Total Department of Commerce			466,658	4,794,171
Department of the Navy				
Basic and Applied Scientific Research	12.300			15,400
Basic and Applied Scientific Research				
Passed through from:				
AMEWAS	12.300	N00178-04-D-4011M802		(6,825)
BRANDES ASSOCIATES INC/LONE TREE, CO	12.300	N68936-09-C-0081		10,337
Total Department of the Navy			-	18,912
Department of the Air Force				
Air Force Defense Research Sciences Program	12.800			28,006
Total Department of the Air Force			-	28,006
Department of the Army				
Basic Scientific Research	12.431			66,410
Passed through from:				
BOEING/MESA, AZ	12.431	W58RGZ-13-C-0106		59,468
Total Department of the Army			-	125,878
Department of Defense				
Basic Scientific Research - Combating Weapons of Mass Destruction	12.351			127,150
ROTC Language and Culture Training Grants				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	H98210-13-2-0001		268,391

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
The Language Flagship Grants to Institutions of Higher Education				
Passed through from:				
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.550	H98210-11-2-0001		18,473
Basic, Applied, and Advanced Research in Science and Engineering	12.630			378,176
Passed through from:				
ICES CORP	12.630	HC1028-12-C-0017		(9,244)
SYSTEM ENGINEERING TRAINING: TECHNOLOGY MANAGEMENT THEME WEEK	12.630	H98230-10-D-0031		20,448
Total Department of Defense			-	803,394
Department of Labor				
H-1B Job Training Grants	17.268		15,208	117,758
Trade Adjustment Assistance Community College and Career Training (TAACCT) Grants	17.282			193,038
WIA Adult Program				
Passed through from:				
GA DEPT OF ECONOMIC DEVELOPMENT/ATLANTA, GA	17.258	AA-25348-14-55-A-13		41,436
WIA Dislocated Worker Formula Grants				
Passed through from:				
GA DEPT OF ECONOMIC DEVELOPMENT/ATLANTA, GA	17.278	AA-25348-14-55-A-13		10,111
Total Department of Labor			15,208	362,343
Department of Transportation				
Highway Training and Education	20.215			81,200
Research Grants	20.762			41,157
Passed through from:				
BOOZ, ALLEN AND HAMILTON INC	20.762	OPM1912C0021		19,500
Total Department of Transportation			-	141,857
Library of Congress				
Books for the Blind and Physically Handicapped	42.001			1,007,751
Total Library of Congress Total			-	1,007,751
National Aeronautics and Space Administration				
Science	43.001			6,863
Education	43.008			57,584
Cross Agency Support	43.009			15,922
Aeronautics	43.012			1,406
Aeronautics				
Passed through from:				
UNIV OF IDAHO SUPPORT FOR INTERNATIONAL PLANETARY PROBE WORKSHOP	43.002	CK# B1667491 DTD 2/26/15		2,250
VALADOR, INC/HERNDON, VA	43.002	NNH12CD13Z		5,561
Total National Aeronautics and Space Administration			-	89,586
M. National Endowment for the Arts				
Books for the Blind and Physically Handicapped	45.025			860
Total M. National Endowment for the Arts			-	860
National Science Foundation				
Engineering Grants	47.041			383,079
Mathematical and Physical Sciences	47.049			96,535
Geosciences	47.050			4,000
Computer and Information Science and Engineering	47.070			132,783
Education and Human Resources	47.076			5,046,177
Office of International Science and Engineering	47.079			4,500

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Trans-NSF Recovery Act Reasearch Support	47.082			297,733
Education and Human Resources				
Passed through from:				
KENNESAW STATE UNIVERSITY/MARIETTA, GA	47.076	DUE-1035451		31,031
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	DGE-0948027		29,999
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	DUE-1347719		12,671
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	HRD1102506		34,000
Total National Science Foundation			-	6,072,508
Department of Enviromental Protection Agency				
Science To Achieve Results (STAR) Fellowship Program	66.514			29,959
Total Department of Enviromental Protection Agency			-	29,959
Nuclear Regulatory Commission				
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008			145,960
Total Nuclear Regulatory Commission			-	145,960
Department of Energy				
Nuclear Energy Research, Development and Demonstration	81.121			307,041
Office of Science Financial Assistance Program				
Passed through from:				
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	81.049	NNN12AA01C		2,160
Krell DOE-NNSA SSGF	81.049	Krell DOE-NNSA SSGF		31,694
Krell Institute	81.049	Krell Institute		204
OAK RIDGE ASSOCIATED UNIV/OAK RIDGE, TENNESSEE	81.049	DE-AC05-06OR23100		2,000
SANDIA	81.049	126560		37,344
SANDIA NATL LABS/SANDIA CORP	81.049	AGMT DTD OCT 10, 2014		3,510
Fossil Energy Research and Development				
Total Department of Energy			-	383,953
Department of Education				
Fund for the Improvement of Postsecondary Education	84.116			1,766
Graduate Assistance in Areas of National Need	84.200			424,649
Centers for International Business Education	84.220			261,012
Rehabilitation Services_Vocational Rehabilitation Grants to States				
Passed through from:				
REHABILITATIVE ENGR & ASSISTIVE TECH SOCIETY OF NA/ ARLINGTON, VA	84.126	#H224B100001		5,439
Improving Teacher Quality State Grants				
Passed through from:				
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	S367B140011		97,519
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	S367B150011		1,941
College Access Challenge Grant Program				
Passed through from:				
US DEPT OF EDUCATION/GENERAL	84.378	P378A13009	511,368	1,278,421
Directed Grants and Awards				
Passed through from:				
GA DEPT OF EDUCATION	84.417	S395A100050		(3,643)
Total Department of Education			511,368	2,067,104
Department of Health and Human Services				
Research Related to Deafness and Communication Disorders	93.173			25,459
Human Health Studies_Applied Research and Development	93.206			61,983
Alcohol Research Programs	93.273			40,187

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

FOR THE YEAR ENDED JUNE 30, 2016

Federal Grantor/Pass-Through Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Amount Passed Through to Subrecipient	Federal Expenditures
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286			234,928
ACL Assistive Technology	93.464		144,880	275,022
Cardiovascular Diseases Research	93.837			42,726
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853			56,507
Biomedical Research and Research Training	93.859			483,497
Aging Research	93.866			213,391
Special Projects of National Significance	93.928			165,687
Human Health Studies_Applied Research and Development				
Passed through from:				
GEORGIA COUNCIL ON DEVELOPMENTAL DISABILITIES/ ATLANTA,GA	93.206	1501GABSDD		32,443
Discovery and Applied Research for Tech Innovations to Improve Human Health				
Passed through from:				
BME-Emory NIH	93.286	1T90DA032466-01		81,269
Health Information Technology Regional Extension Centers Program				
Passed through from:				
MOREHOUSE SCHOOL OF MEDICINE COLLEGE/ ATLANA, GA	93.718	90RC00013		(325,599)
Vision Research				
Passed through from:				
EMORY UNIVERSITY/ATLANTA, GA	93.867	2T32EY007092-29		40,832
Total Department of Health and Human Services			144,880	1,428,332
Homeland Security				
Homeland Security Grant Program				
Passed through from:				
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.067	EMW-204-SS-00092-S01		1,033
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.067	EMW-204-SS-00092-S01		219
Total Homeland Security			-	1,252
Agency for International Development				
USAID Development Partnerships for University Cooperation and Development	98.012			40,832
Total Agency for International Development			-	40,832
Total Other Programs			1,138,114	17,542,658
Total Expenditures of Federal Awards			\$ 79,524,222	\$ 678,594,747

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

FOR THE YEAR ENDED JUNE 30, 2016

Note 1—Basis of presentation

The accompanying schedule of expenditures of federal awards includes the federal grant activity of Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation, 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 – The Organization has elected not to use the 10 percent 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, 2016, GIT disbursed \$82,145,651 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, 2016, GIT disbursed \$991,837 in new loans under the Federal Perkins Loan Program. The balance of loans outstanding under the Federal Perkins Loan program was \$6,562,354 as of June 30, 2016.

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

FOR THE YEAR ENDED JUNE 30, 2016

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 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, 2016, 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 30, 2016.

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 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.

No significant deficiencies 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 no 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**

FOR THE YEAR ENDED JUNE 30, 2016

I. Summary of the Auditor's Results - Continued

Identification of Major Programs

The programs tested as major program were:

<u>CFDA #</u>	<u>Name of Federal Program</u>
Various	Research and Development Cluster
Various	Student Financial Assistance Cluster
11.611	Manufacturing Extension Partnership

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

III. Federal Award Findings and Questioned Costs

None