COMPLIANCE REPORTS

For the Year Ended June 30, 2014

And Independent Auditor's Reports



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

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, 2014, and the related notes to the financial statements which collectively comprise GTRC's basic financial statements, and have issued our report thereon dated September 12, 2014.

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

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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.

Atlanta, Georgia September 12, 2014



Independent Auditor's Report on Compliance for Each Major Program and on Internal Control over Compliance with *OMB Circular A-133*

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 Circular A-133 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, 2014. As part of the coordinated audit, we did not audit compliance requirements as described in OMB Circular A-133 related to equipment and real property management, procurement and suspension and debarment, and real property acquisition and relocation assistance for the Research and Development Cluster, Education and Human Resources, and the State Fiscal Stabilization Fund 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 16, 2014, which reports no findings in relation to internal control over compliance in accordance with OMB Circular A-133. 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 *OMB Circular A-133*, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and *OMB Circular A-133* 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, 2014.

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 *OMB Circular A-133* 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.

Schedule of Expenditures of Federal Awards

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, 2014, which collectively comprise GTRC's basic financial statements, and have issued our report thereon dated September 12, 2014 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 OMB Circular A-133 and is not a required part of the 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 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, 2014 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 16, 2014. We did not audit the financial statements of Georgia Institute of Technology which represent 33.6% 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 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 *OMB Circular A-133*. Accordingly, this report is not suitable for any other purpose.

Atlanta, Georgia

Cherry Bekaut LAP

January 30, 2015 except for the Schedule of Expenditures of Federal Awards, as to which the date is September 12, 2014.

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Research and Development-Cluster:			
,			
Department of Agriculture			•
Agriculture and Food Research Initiative (AFRI)	10.310		\$ 250,215
Forestry Research	10.652		364,383
Specialty Crop Block Grant Program - Farm Bill			
Passed through from: GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.170	AGR DTD 10/23/13	9.465
	10.170	AGN D1D 10/23/13	8,465
Grants for Agricultural Research, Special Research Grants			
Passed through from: GEORGIA DEPARTMENT OF AGRICULTURE/ATLANTA, GA	10.200	AGR DTD 11/14/13	49.227
	10.200	AGR D1D 11/14/13	48,237 671,299
Total Department of Agriculture			071,299
Department of Commerce			
Economic Development-Technical Assistance	11.303		128,571
Economic Adjustment Assistance	11.307		12,826
Climate and Atmospheric Research	11.431		192,639
Measurement and Engineering Research and Standards	11.609		1,229,096
Geodetic Surveys and Services (Geodesy and Applications of the National Geodetic Reference System)			
Passed through from:			
GA DEPT NATURAL RESOURCES/	11.400	AGR DTD 5/15/13	35,417
GA DEPT NATURAL RESOURCES/	11.400	AGR DTD 9/13/13	10,729
Technology Innovation Program (TIP)			
Passed through from:			
EDISON WELDING INSTITUTE/COLUMBUS, OH	11.616	AGMT EFFECTIVE 11/26/13	26,844
RUTGERS UNIVERSITY	11.616	#00004197	31,992
Total Department of Commerce			1,668,113
Department of the Army			
Basic and Applied Scientific Research	12.300		351,775
Military Medical Research and Development	12.420		534,898
Basic Scientific Research	12.431		36,662,462
Basic, Applied, and Advanced Research in Science and Engineering	12.630		206,677
Air Force Defense Research Sciences Program	12.800		608,913
Research and Technology Development	12.910		1,455,077
Basic and Applied Scientific Research			
Passed through from: UNIVERSITY OF CALIFORNIA/BERKLEY, CA	12.300	00006214	69,582
Military Medical Research and Development			·
Passed through from:			
DESIGN INTERACTIVE INC/OVIEDO,FL	12.420	AGR DTD 12/29/11	(231)
EMORY UNIVERSITY/ATLANTA, GA	12.420	T149279	36,234
SAMUELI INSTITUTE/ALEXANDRIA, VA	12.420	#123605	25,000
WAKE FOREST UNIVERSITY/WINSTON SALEM, NC	12.420	WFUHS 441052 ER-02	73,613
ARRA-Basic Scientific Research			
Passed through from:			
A I SIGNAL RESEARCH/HUNTSVILLE, AL	12.431	M14 115	4,184
BAE SYSTEMS/NASHUA, NH	12.431	329420	313,151
BATTELLE/	12.431	US001-0000296530	841
BATTELLE/	12.431	US001-0000335973	51

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
			·
BATTELLE/	12.431	US001-601190-4	20,005
BOOZ, ALLEN AND HAMILTON INC	12.431	102048SBOP TO# 001	67,962
CERADYNE THERMO MATERIALS/	12.431	PO 4500038041	11,735
CH2M HILL/	12.431	949418	1,097
CRYSTAL IS/GREEN ISLAND,NY	12.431	CIS 101021	30,987
DREXEL UNIVERSITY/PITTSBURG, PA	12.431	202282	161,377
DUKE UNIVERSITY/DURHAM, NC	12.431	11-IARPA-1012	309,208
DUKE UNIVERSITY/DURHAM, NC	12.431	12-IARPA-1030	917,004
EATON CORPORATION/	12.431	0011-36213	1,508
EMORY UNIVERSITY/ATLANTA, GA	12.431	S894022	605,062
ENGENIUSMICRO/MABLETON, GA	12.431	AGMT DTD 06/25/12	0
FIVE STONES RESEARCH CORPORATION/BROWNSBORO, AL	12.431	W31P4Q-13-C-0022	122,312
FLORIDA A&M UNIV/TALLAHASSEE, FL	12.431	SUB C-3272	2,157
GEORGE MASON UNIVERSITY/FAIRFAX, VA	12.431	E2027851	116,598
HDR ARCHITECTURE/ALEXANDRIA,VA	12.431	AGMT, DTD 12/20/2012	5,218
HSTAR TECHNOLOGIES CORP/BOXBOROUGH, MA KARAGOZIAN AND CASE STRUCTURAL ENGINEERS/GLENDALE,	12.431	AGR DTD 9/28/11	81,095
CA	12.431	AGR DTD 6/18/14	20,597
KITWARE INC/CLIFTON PARK, NY	12.431	AGR NO. K000139-S05	83,338
KITWARE INC/CLIFTON PARK, NY	12.431	K000133-S01	12,493
LOCKHEED MARTIN INTEGRATED SERVICES/MARLTON, NJ	12.431	PO 7200008412	93,315
LUNA INNOVATIONS/BLACKBURG, VA	12.431	2337-ARM-2S	(260)
MARTIN-BLANCK & ASSOCIATES	12.431	AGR DTD 2/22/2012	0
MICROWAVE PACKAGING TECHNOLOGIES INC (MPT)/BREA,CA	12.431	AGR DTD 4/16/13	213,722
NANO TERRA INC/BRIGHTON, MA	12.431	AGR DTD 8/17/2013	27,780
NORTHWESTERN UNIVERSITY/EVANSTON, IL	12.431	SP0012711-PROJ0005452	107,886
OHIO STATE UNIVERSITY/COLUMBUS, OH	12.431	PO RF01121175	100
OHIO STATE UNIVERSITY/COLUMBUS, OH	12.431	PO# RF01213704	6,334
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.431	3873-GIT-USA-0124	51,490
PRICE SYSTEMS LLC	12.431	PRICE-13-693527-18-01 / 01	39,509
PRIMORDIAL INC / SAINT PAUL, MN	12.431	AGMT DTD 6/28/2012	(13,848)
RADIANCE TECHNOLOGIES/HUNTSVILLE, AL	12.431	13S-0079	58,051
RADIANCE TECHNOLOGIES/HUNTSVILLE, AL	12.431	AGR DTD 1/7/11	(423)
RAYTHEON	12.431	4400435345	14,040
SAIC	12.431	4400165374	6,454
SAIC	12.431	4400167345, TO 25	842
SAIC	12.431	4600005751/1	3,357,255
SAIC	12.431	460005751/3	69,265
SHARED SPECTRUM COMPANY/VIENNA, VA	12.431	2013-01 TASK ORDER 0020-RES TOPIC	29,980
STEVENS INST OF TECHNOLOGY/	12.431	120	205,477
STEVENS INST OF TECHNOLOGY/	12.431	TO 0012 - RT 112	91,157
STEVENS INST OF TECHNOLOGY/	12.431	TO 005 - RES TOPIC 105	3,076
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	12.431	B7731	102,901
TRACLABS INC/HOUSTON,TX	12.431	AGMT DTD 1/18/2013	51,609
TRITON SYSTEMS INC/CHELMSFORD,MA	12.431	AGMT DTD 9/19/2013	25,000
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.431	2010-04989-03	250,409
UNIV OF MARYLAND/COLLEGE PARK, MD	12.431	Z840705	174,760

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
UNIV OF MARYLAND/COLLEGE PARK, MD	12.431	Z918802	0
UNIV OF TENNESSEE/	12.431	A12-0470-S001	(843
UNIVERSAL SOLUTIONS INTERNATIONAL INC/NEWPORT NEWS,			(4.1
VA	12.431	AGREEMENT DTD 04/21/2014	49,330
UNIVERSAL SOLUTIONS INTERNATIONAL INC/NEWPORT NEWS,			
VA	12.431	AGREEMENT SIGNED 06/27/2013	18,234
UNIVERSITY OF CALIFORNIA/SANTA BARBARA, CA	12.431	KK1024	206,023
UNIVERSITY OF PENNSYLVANIA	12.431	560102	187,956
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	12.431	43941439 P.O. #10127130	21,591
UNIVERSITY OF WASHINGTON	12.431	#723609	133,251
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2011-B-11-T1.1-A1	(1,061
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2012-B-11-02.2-A01	(1,058
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2012-B-11-03.1-A01	30,371
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2012-B-11-T2.1-A01	(1,061
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2012-B-13-T3.1-A01	2,316
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2013-B-11.T1-A01	22,723
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2013-B-11-021-A01	40,000
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2013-B-11-03.1-A01	52,800
VERTICAL LIFT CONSORTIUM INC (CRI)/GLEN MILL, PA	12.431	2013-B-13-T3.1-A01	6,621
WOOLPERT INC/COLUMBIA, SC	12.431	GTARC-11-S-088	221
Basic, Applied, and Advanced Research in Science and Engineering			
Passed through from:			
CERADYNE THERMO MATERIALS/	12.630	PO# 4500016847	5
RF MICRO DEVICES INC/GREENSBORO,NC	12.630	RFMD-12-C-0004	76,830
UNIVERISTY OF SOUTH FLORIDA POLYTECHNIC/LAKELAND,FL	12.630	#5401-1020-00-B	30,617
Research and Technology Development			
Passed through from:			
CORNELL UNIVERSITY/ITHACA, NY Total Department of the Army	12.910	63222-9618	26,318 48,779,043
			10,110,010
Department of the Navy	40.000		07.004.040
Basic and Applied Scientific Research	12.300		27,834,919
Information Security Grant Program	12.902		919,297
Research and Technology Development	12.910		233,821
Basic and Applied Scientific Research Passed through from:			
ALLIANT DEFENSE ELECTRONIC SYSTEMS/CLEARWATER, FL	12.300	MP00069511	54,629
AMEWAS/LEXINGTON PARK, MD	12.300	PO12-00929	54,629
AMEWAS/LEXINGTON PARK, MD	12.300	PO14-00085	62,465
ATA ENGINEERING INC / SAN DIEGO, CA	12.300	15-OCT-2012	54,180
AUBURN UNIVERSITY/AUBURN, ALABAMA	12.300	10-AE-202591-GT	24,620
CERADYNE THERMO MATERIALS/	12.300	4500050876	24,620 13,164
CERADYNE THERMO MATERIALS/	12.300	4500050870	9,356
CREARE INC/HANOVER, NH	12.300	AGMT DTD 1/17/14	99,994
DEEP SPRINGS TECHNOLOGY/TOLEDO, OH	12.300	AGR DTD 2/5/13	145,924
ENERGY RESEARCH CONSULTANTS/LAGUNA HILLS, CA	12.300	AGMT DTD 11/24/13	4,905
ENVISIONEERING INCORPORATED/KING GEORGE, VA	12.300	S13-04	62,628
GEORGIA AQUARIUM INC	12.300	#124831	7,788
	12.000	** ·	1,100

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
IMAGING SYSTEMS TECHNOLOGY/TOLEDO, OH	12 200	AGR DTD 8/14/2013	62,896
INTEGRATED SYSTEMS SOLUTIONS INC/CALIFORNIA, MD	12.300 12.300	PO100590	22,990
INTEGRATED SYSTEMS SOLUTIONS INC/CALIFORNIA, MD		PO100390 PO100621	
IRIS TECHNOLOGY CORPORATION/IRVINE,CA	12.300 12.300	PO 10400-PGM 1221	32,226 26,533
ITT EXCELIS/CLIFTON,NJ	12.300	375967	20,533
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	12.300	111572	120,540
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	12.300	N00024-13-D-6400	695
JOHNS HOPKINS UNIVERSITY	12.300	105400	15,837
MATERIALS & ELECTROCHEMICAL RESEARCH (MER)	12.500	100400	13,037
CORP./TUCSON, AZ	12.300	AGMT DTD NOV-19-2012	2,113
METROLASER	12.300	GT05NP09	74,967
NGIMAT/ATLANTA, GA	12.300	AGR DTD 09/10/13	20,000
NORTH CAROLINA STATE UNIVERSITY/RALEIGH, NC	12.300	2010-1710-01	184,336
NORTHROP GRUMMAN/BALTIMORE, MD	12.300	8140000545	32,589
NORTHROP GRUMMAN/REDONDO BEACH, CA	12.300	7600012344	332,107
PACIFIC SCIENCE AND ENGINEERING/SAN DIEGO, CA	12.300	PSE 13-P-1192	41,983
PHOSPHOR TECH CORPORATION/MABLETON, GA	12.300	AGR SIGNED JULY 21, 2009	(67)
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	12.300	LTR AGMT, DATED 1/14/2010	111,525
RELIANT LAB SYSTEMS INC./PLACENTIA, CA	12.300	AGR DTD 9/24/13	105,848
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.300	SR20131062	5,147
TYBRIN CORPORATION/FT. WALTON BEACH, FL	12.300	CES-III-13-043	174,556
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	12.300	43019109	89,332
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	12.300	PO 10273845	73,426
UNIV OF MICHIGAN/	12.300	3002874558	122,628
UNIV OF MICHIGAN/	12.300	3002893621	96,108
UNIV OF MICHIGAN/	12.300	3002912449	133,893
UNIV OF WASHINGTON/SEATTLE, WA	12.300	744767	105,231
UNIVERSITY OF FLORIDA	12.300	UF-EIES-1209006-GAT	43,722
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.300	550740	262,584
VERAPHOTONICS/SAN JOSE,CA	12.300	AGRMT DTD 07/15/13	20,574
WASHINGTON UNIVERSITY/SAINT LOUIS, MO	12.300	WU-12-247	19,559
WESTLAND TECHNOLOGIES INC/MODESTO, CA	12.300	PO33060	23,074
Basic Scientific Research			
Passed through from:			
ATK MISSILE SYSTEMS CO/WOODLAND HILL, CA	12.431	MP00054231	34
INTEGRATED SYSTEMS SOLUTIONS INC/CALIFORNIA, MD	12.431	PO100486	12,155
LOCKHEED MARTIN/FORTWORTH, TEXAS	12.431	7226687	94,055
UNIV OF MICHIGAN/	12.431	3002517262-COLL	36,474
UNIV OF MICHIGAN/	12.431	3002517321-ASSESSING	40,816
UNIV OF MICHIGAN/	12.431	3002557988	29,847
Basic, Applied, and Advanced Research in Science and Engineering Passed through from:			
DREXEL UNIVERSITY/PITTSBURG, PA	12.630	204111GT	379,968
JOHNS HOPKINS UNIVERSITY	12.630	ONRBAA13-001	8,700
PRINCETON UNIVERSITY/PLAINSBORO, NJ	12.630	00001689	152,785
RAYTHEON	12.630	4400322545	819
Air Force Defense Research Sciences Program			
Passed through from:			
UNIV OF FLORIDA/	12.910	UF-EIES-1105029-GAT	42,626 32,706,475

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Department of the Air Force			
Basic and Applied Scientific Research	12.300		793,276
Air Force Defense Research Sciences Program	12.800		182,001,965
Aquatic Plant Control			
Passed through from:			
PARKER HANNIFIN CORPORATION/JACKSONVILLE, AL	12.100	22849-000	296,040
Basic and Applied Scientific Research			
Passed through from:			
STANFORD UNIVERSITY/STANFORD, CA	12.300	60013638-104772-A	17,392
Military Medical Research and Development			
Passed through from:			
VIRGINIA TECH/BLACKSBURG, VA	12.420	450152-19A24	(517)
Air Force Defense Research Sciences Program			, ,
Passed through from:			
AEROJET ROCKETDYNE/CANOGA PARK.CA	12.800	4410005291	69,217
AEROSPACE TESTING ALLIANCE/ARNOLD AFB, TN	12.800	ATA-13-17	60,769
ALLIANT TECHSYSTEMS INC/BROOKLYN PARK, MN	12.800	MP00072770	35,916
AMERICAN SYSTEMS CORPORATION/CHANTILLY, VA	12.800	ATP LTR, DATED 3.17.2014	449,372
ANALATOM INC/SUNNYVALE,CA	12.800	GTRC-12-C-0001	260,690
APPLIED RESEARCH ASSOCIATES/PANAMA CITY, FL	12.800	LTR AGMT, DATED 10/05/2011	384,727
ATK ALLIANT TECHSYSTEMS INC/PLYMOUTH, MN	12.800	MP00045523	902
AURORA FLIGHT SCIENCES	12.800	AFS11-0741	(1)
BENNETT AEROSPACE	12.800	BA-GTRC-TO-0001	111,828
BERRIEHILL RESEARCH CORP/DAYTON, OH	12.800	2204	114,745
BOEING AEROSPACE COMPANY/	12.800	PC 759512	23,416
BOEING AEROSPACE COMPANY/	12.800	PO278224	(1)
BOOZ, ALLEN AND HAMILTON INC	12.800	96116DBS18/TASK ORDER 3	266,215
BOOZ, ALLEN AND HAMILTON INC	12.800	TASK ORDER 001	3,021
CALIFORNIA INSTITUTE OF TECH/PASEDENA, CA	12.800	68E-1092671	118,988
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	12.800	1150119-299956	85,210
CASE WESTERN RESERVE UNIVERSITY/CLEVELAND, OH	12.800	RES506638	152,973
CG2 INC/ORLANDO, FL	12.800	S-5012-13	41,161
CLARKSON AEROSPACE/HOUSTON, TX	12.800	13-S7700-02-C2	43,432
COBHAM TRACSTAR SYSTEMS INC/LANSDALE,PA	12.800	416714	143,895
COMBUSTION RESEARCH AND FLOW TECHNOLOGY INC /			,
HUNTSVILLE, AL	12.800	11-C-2190/C488	4,952
COMBUSTION SCIENCE AND ENGINEERING LTD	12.800	AGMT DTD 1/24/14	12,764
CREARE INC/HANOVER, NH	12.800	3 DEC 2012	153,161
DATA FUSION AND NEURAL NETWORKS/BROOMFIELD, OH	12.800	AGR DTD 4/23/12	(851)
DATA FUSION AND NEURAL NETWORKS/BROOMFIELD, OH	12.800	FA8750-13-C-0141-GTECH	47,788
EG&G/LAS VEGAS, NV	12.800	0202000046	4
ENERGY RESEARCH CONSULTANTS/LAGUNA HILLS, CA	12.800	SB3A-103	35,900
FLORIDA A&M UNIV/TALLAHASSEE, FL	12.800	SUB C-4106	3,767
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	12.800	R01535	135,524
GRAMMATECH INC	12.800	GT S11-02	350,327
HARVARD UNIVERSITY/BOSTON, MA	12.800	123572	267,055
IMPACT TECHNOLOGIES LLC/ROCHESTER, NY	12.800	S1582A	8
INNOVATIVE SCIENTIFIC SOLUTIONS INC (ISSI)/DAYTON, OH ITT SYSTEMS & SCIENCES CORPORATION/COLORADO	12.800	SB05310	(0)
SPRINGS, CO ITT SYSTEMS & SCIENCES CORPORATION/COLORADO SPRINGS, CO	12.800 12.800	369188 369342	527 1,563

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
ITT/	12.800	392061	280,841
JT3 LLC	12.800	4M12000052	58,336
JT3 LLC	12.800	4M12000056	8,673
JT3 LLC	12.800	4M12000075	(25
JT3 LLC	12.800	4M13000016	249,381
JT3 LLC JT3 LLC	12.800	5Q12000078-IDIQ09-02 5R12000195	(32
KITWARE INC/CLIFTON PARK, NY	12.800	K000886-00-S01	238
L3 COMMUNICATIONS/ROCKWALL, TEXAS	12.800	45007688098	106,503
L3 COMMUNICATIONS/ROCKWALL, TEXAS	12.800	4700053649	150,755
LI CREATIVE TECHNOLOGIES	12.800	AGREEMENT EFF 9/27/13	12,028
LOGOS TECHNOLOGIES/FAIRFAX,VA	12.800	352-02-GTARC	154,059
MA INST OF TECHNOLOGY/CAMBRIDGE, MA	12.800 12.800	5710002584	124,810
MACAULEY-BROWN INC/	12.800	DSC6051-03	19,115 9
MACAULEY-BROWN INC/	12.800	DSC8063-11	14,873
MAINSTREAM GS LLC/ROBINS,IA	12.800	MSGS10172011-101	2,874
MAINSTREAM GS LLC/ROBINS,IA	12.800	MSGS10172011-101 MSGS10172011-102	3,000
MAINSTREAM GS LLC/ROBINS,IA	12.800	MSGS10172011-102 MSGS10172011-103	2,000
MAINSTREAM GS LLC/ROBINS,IA	12.800	TASK ORDER 0060	2,000
METACOMP TECHNOLOGIES INC/AGOURA HILLS, CA	12.800	AGMT DTD 7/16/2013	45,000
NORTHROP CORPORATION/	12.800	7500119051	473,022
NORTHWESTERN UNIVERSITY/EVANSTON, IL	12.800	SP0024930-PROJ0006374	2,315
OHIO STATE UNIVERSITY/COLUMBUS, OH	12.800	RF01175649	79,615
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	12.800	4791-GIT-AFOSR-0004	175,596
PRATT & WHITNEY AIRCRAFT/	12.800	24102 / 09	(0)
QINETIQ NORTH AMERICA INC/FAIRFAX,VA	12.800	LTR SUBK 1000001944	(1,141
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	12.800	LTR AGMT, DTD 2/22/2011	190,335
RESERVOIR LABS INC/NEW YORK,NY	12.800	AGR DTD 5/29/13	67,924
SAIC	12.800	PO10121816	5,735
SAIC	12.800	PO10138714	75,715
SARNOFF CORPORATION, PRINCETON,NJ	12.800	LOA 206-000036	(1,624
SARNOFF CORPORATION/ PRINCETON, NJ	12.800	206-000078	269,200
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.800	SR20111324	446
SINOORA INC/SUWANEE,GA	12.800	AGR DTD 10/04/2013	141,645
SPECTRAL ENERGIES LLC	12.800	AGR DTD 5/21/2013	91,300
	12.800	AGR DTD 5/21/2013 Total	76,230
SPECTRAL SCIENCES INC. /BURLINGTON, MA	12.800	AGR DTD 11/26/13	15,000
STATE UNIV OF NEW YORK	12.800	R775325	122,552
STOTTLER HENKE ASSOCIATES INC/ SAN MATEO, CA	12.800	AGMT DTD 5/2/2013	29,659
TECHNOLOGY SERVICE CORP/SANTA MONICA, CA	12.800	LTR DTD 1/17/12	28
TEXAS ENGINEERING STATION-TAMU/COLLEGE STATION, TX	12.800	C4191	18,720
UNIV OF CENTRAL FL/	12.800	287381	60,472
UNIV OF DAYTON RES INST/DAYTON, OH	12.800	RSC11021	13,704
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.800	2010-04904-04	90,348
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.800	2012-00305-01	30,772
UNIV OF ILLINOIS/URBANA, ILLINOIS	12.800	2012-02532-01	88,776
UNIV OF MICHIGAN/	12.800	3002447199	118,214
UNIV OF MICHIGAN/	12.800	3002629732	61,600
UNIVERSAL TECHNOLOGY CORP, DAYTON, OH	12.800	10-S567-0014-02-C3	(550)
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	12-S7114-01-C1	128,802

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
UNIVERSAL TECHNOLOGY CORP/ DAYTON, OH	12.800	13S7404-02-C2	111,452
UNIVERSITY OF CALIFORNIA/IRVINE, CA	12.800	#2012-2754	156,792
URS FEDERAL SERVICES INC/SHREWSBURY,NJ	12.800	PO LV00001926	8,357
VINTINURA IMAGING INC. /ATLANTA, GA	12.800		75,355
Research and Technology Development			-,
Passed through from:			
JT3 LLC	12.910	5Q12000079	(14)
UNIV OF MISSOURI/COLUMBIA, MO	12.910	C00043299-5	2,476
Total Department of the Air Force		•	190,498,386
Department of Defense			
Basic Scientific Research - Combating Weapons of Mass Destruction	12.351		192,010
Basic, Applied, and Advanced Research in Science and Engineering	12.630		47,632,526
Research and Technology Development	12.910		6,625,439
Aquatic Plant Control			
Passed through from:			
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	12.100	548359	(49)
Basic and Applied Scientific Research			
Passed through from: NORTHROP GRUMMAN/BETHPAGE, NEW YORK	12.300	2761642	0
Basic Scientific Research			
Passed through from:			
ALION SCIENCE AND TECHNOLOGY/ROME, NEW YORK	12.431	140 / SUB1196786DP	1
CERMET INC/DORAVILLE, GA	12.431	AGR SIGNED 1.18.05	(14,800)
UNIV OF MICHIGAN/	12.431	3002805832	211,517
Basic, Applied, and Advanced Research in Science and Engineering			
Passed through from: ACQUISITION, RESEARCH, & LOGISTICS INC / NATIONAL			
HARBOR, MD	12.630	DHS.GTARC.2012-A-1.0	12,331
AEGIS TECHNOLOGIES GROUP INC	12.630	105-STTR-GTRI-7160	78,996
ALL POINTS LOGISTICS/HUNTSVILLE, AL	12.630	APL 13-357-A2	34,318
ANALYTICAL MECHANICS ASSOCIATES INC/HAMPTON, VA	12.630	TO0164	7,869
ATK ALLIANT TECHSYSTEMS INC/PLYMOUTH, MN	12.630	MP00064178	11,018
BAE SYSTEMS/ CALIFORNIA, MD	12.630	755933	0
BAE SYSTEMS/NASHUA, NH	12.630	853128	6,992
BATTELLE/	12.630	US001-601190-03	343,147
BIT SYSTEMS/ STERLING, VA	12.630	BITS-11875	159,768
BODKIN DESIGN/WELLESLEY,MA	12.630	AGR DTD 4/7/14	7,326
BOOZ, ALLEN AND HAMILTON INC	12.630	96116DBS18/TASK ORDER 2	332,881
CACI	12.630	C12-119196	(475)
CACI	12.630	C14-129207	26,788
CHARLES RIVER ANALYTICS INC / CAMPRIDGE, MA	12.630	C1300602	300,032
CHARLES RIVER ANALYTICS INC / CAMBRIDGE, MA DESIGN INTERACTIVE INC/OVIEDO.FL	12.630	SC1208301	669
DESIGN INTERACTIVE INC/OVIEDO,FL DYNETICS INCORPORATED/	12.630	AGR DTD 6/24/13 DI-SC-09-20 / 07	127,254
DYNETICS INCORPORATED/	12.630	DI-SC-09-20 / 08	(0)
DYNETICS INCORPORATED/	12.630 12.630	DI-SC-09-20 / 09	33,696 (1,014)
DYNETICS INCORPORATED/	12.630	DI-SC-09-20 / 10	
DYNETICS INCORPORATED/		DI-SC-09-20 / 10 DI-SC-09-20 / 12	(1,939)
DYNETICS INCORPORATED/	12.630 12.630	DI-SC-09-20 / 12 DI-SC-09-20 / 14	127,902 40,696

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
DYNETICS INCORPORATED/	12.630	DI-SC-09-20 /11	15,102
DYNETICS INCORPORATED/	12.630	DI-SC-09-20 /13	339,076
EMORY UNIVERSITY/ATLANTA, GA	12.630	S911734	41,753
GENERAL DYNAMICS C4 SYSTEMS INC	12.630	LTR AGMT, DTD 6/28/2013 LTR SUBCONTRACT, DTD	646,348
GENERAL DYNAMICS C4 SYSTEMS INC	12.630	6/11/2012	483,950
GLOBAL TECHNOLOGY CONNECTIONS/ATLANTA, GA	12.630	AGR DTD 9/26/12	142,885
HARRIS CORPORATION/	12.630	A000195088	(79)
HONEYWELL INC/	12.630	3500388075E	254,137
HONEYWELL INC/	12.630	LTR SUBK, DATED 5/5/2013	2.853.793
HONEYWELL INTERNATIONAL/COONS RAPID,MN	12.630	4204552662E	125,715
HRL LABORATORIES/MALIBU, CA	12.630	8115-902043-BS	3,854
IJIS INSTITUTE/ASHBURN, VA	12.630	#573	34,011
INTELLIGENT INFORMATION SERVICES/ATLANTA, GA	12.630	AGMT, DTD 8/26/2011	4,769
JT3 LLC	12.630	4M13000033	•
JT3 LLC		4M13000055	73,303
	12.630		87,097
JT3 LLC	12.630	5Q13000079	117,917
LEIDOS INC/MCLEAN, VA	12.630	P010152785	5,422
LOCKHEED - FORT WORTH/FORT WORTH, TX	12.630	7238817	118,374
LOCKHEED - MARTIN/MARIETTA, GA	12.630	3564820	30,186
LOCKHEED MARTIN/FORTWORTH, TEXAS	12.630	1307131	47,283
LOCKHEED-MARTIN	12.630	4100430487	3,255
MAGNOLIA OPTICAL TECHNOLOGIES INC/WOBURN, MA MARCO (MICROELECTRONICS ADVANCED RESEARCH	12.630	AGMT DTD 1/10/12	40,644
CORP)/DURHAM, NC MODERNA THERAPEUTICS/CAMBRIDGE,MA	12.630	2009-IT-2050 RESEARCH AGREEMENT DTD 7/30/13	(764)
	12.630	7034	62,838
NJVC LLC/VIENNA,VA	12.630		(227)
NORTHROP CORPORATION/ NORTHROP GRUMMAN INFORMATION TECHNOLOGY/RESTON, VA	12.630 12.630	39230820 7500109896	311,512 8,284
NORTHROP GRUMMAN SYSTEMS CORP/EL SEGUNDO, CA		2808350	•
	12.630	2837865	631
NORTHROP GRUMMAN SYSTEMS CORP/EL SEGUNDO, CA	12.630		188,726
NUMERICA/ FT. COLLINS, CO	12.630	1158-001-01	30,099
NVIDIA/AUSTIN, TX	12.630	54128787	(51)
OPEN SOURCE ROBOTICS FOUNDATION/MOUNTAIN VIEW, CA	12.630	OSRF 12-007	138,064
PERFORMANCE POLYMER SOLUTIONS INC./MORAINE, OH	12.630	AGREEMENT DTD 10/03/13	12,214
PRATT & WHITNEY AIRCRAFT/	12.630	24109 / 22	21,920
RAYTHEON	12.630	4200836837	165,446
RICARDO INC	12.630	ADV AGREE DTD 5 JUNE 2012	740,892
SAIC	12.630	4600005751/2	604,179
SAIC	12.630	A11755	407,542
SAIC	12.630	P010149813 LTR SUB	5,338
SAIC	12.630	P010200382	2,416
SAIC	12.630	PO10070848	(0)
SAIC	12.630	PO10082959	406,694
SAIC	12.630	PO10094478	3,698
SAIC	12.630	PO10105875	1,872,289
SAIC	12.630	PO10112626	1,572,200
SAIC	12.630	PO10116893	8,546
SANDIA NATIONAL LABS	12.630	977060	(540)
	12.030	0000	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

leral Grantor/Pass-Though antor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
SANDIA NATL LABS/SANDIA CORP	12.630	1195414	158,8
SANDIA NATL LABS/SANDIA CORP	12.630	1200260	43,2
SANDIA NATL LABS/SANDIA CORP	12.630	1283816	106,3
SANDIA NATL LABS/WESTERN ELECTRIC CO INC	12.630	P.O. # 965899	14,2
SANOFI PASTEUR	12.630	70040-GATECH	101,6
SCIENTIFIC RESEARCH CORP/ATLANTA, GA	12.630	SR20130873	11,5
SCITEC INC/PRINCETON, NJ	12.630	AGR DTD 3/5/13	35,8
SOFTWEAR AUTOMATION INC/ATLANTA, GA	12.630	AGREE EFF 19 JUN 2012	104,8
SPARTA INC/	12.630	PO S807-05085	4,8
SPARTA INC/	12.630	S792-05633	
STEVENS INST OF TECHNOLOGY/	12.630	RT-16A	60,7
STEVENS INST OF TECHNOLOGY/	12.630	RT-42	202,4
STEVENS INST OF TECHNOLOGY/	12.630	RT-44	79,1
STEVENS INST OF TECHNOLOGY/	12.630	RT-46	95,9
STEVENS INST OF TECHNOLOGY/	12.630	RT-49 TASK ORDER 0011- RES	143,3
STEVENS INST OF TECHNOLOGY/	12.630	TOPIC111 TASK ORDER 0015-RES TOPIC	19,6
STEVENS INST OF TECHNOLOGY/	12.630	115	44,0
STEVENS INST OF TECHNOLOGY/ STEVENS INST OF TECHNOLOGY/	12.630	TASK ORDER 0017; RT 117 TASK ORDER 013-RES TOPIC 113	75,6
STEVENS INST OF TECHNOLOGY/	12.630	TASK ORDER NO. 0023 RT 123	51,4
STEVENS INST OF TECHNOLOGY/	12.630	TO 0010 - RES TOPIC110	4,0
SYSTEM HIGH/ ARLINGTON, VA	12.630	DAR327	77,
SYSTEM HIGH/ ARLINGTON, VA	12.630	DAR328	1,9
SYSTEM HIGH/ ARLINGTON, VA	12.630 12.630	DAR329	212,8
TASC INC/CHANTILLY,VA	12.630	PO-0003770	350,0 537,0
TDA RESEARCH INC	12.630	1917.GA.GTRC.2013-01	163,4
TNO DEFENSE, SECURITY AND SAFETY/RIJSWIJK, NETHERLANDS	12.630	AGMT DTD 6/17/13	83,
UNIV OF MARYLAND/COLLEGE PARK, MD	12.630	Z910201	77,
UNIV OF MARYLAND/COLLEGE PARK, MD	12.630	Z917801	91,8
UNIV OF WASHINGTON/SEATTLE, WA	12.630	754964	22,
UNIVERSITY OF CALIFORNIA/BERKLEY, CA UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN/CHAMPAIGN,	12.630	00006195	59,
IL	12.630	2014-00121-01	60,
UNIVERSITY OF MARYLAND	12.630	Z903701	
UNIVERSITY OF MICHIGAN	12.630	3002565188	204,4
VANDERBILT UNIVERSITY	12.630	1723-S1	404,0
VANDERBILT UNIVERSITY/NASHVILLE, TN	12.630	VU-DSR#22666-S1	275,5
WASHINGTON STRATEGIC ADVISORS / NEW YORK, NY WYLE LABORATORIES/	12.630 12.630	AGREEMENT DTD 10/22/2012 DD10114	24,2 17,4
Air Force Defense Research Sciences Program			
Passed through from:		AUTH TO PROCEED DTD	
BERRIEHILL RESEARCH CORP/DAYTON, OH	12.800	10/15/10	3)
BOOZ, ALLEN AND HAMILTON INC	12.800	TASK ORDER 001	19,9
OAK RIDGE NAT'L LAB/MARTIN MARIETTA	12.800	4000023786	65,5
Research and Technology Development			
Passed through from:			
BASF CORPORATION/FLORHAM PARK,NJ	12.910	GEORGIA TECH NORM EVAL	1,
CHARLES RIVER ASSOCIATES/BOSTON, MA	12.910	LTR K, DTED 5/30/12	376,

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
STANFORD UNIVERSITY/STANFORD, CA	12.910	60382691-49341-B	31,665
US DEPT OF INTERIOR/NATIONAL BUSINESS CENTER	12.910	D11AP00280	250,370
Total Department of Defense			71,745,041
Department of the Interior			
Wildland Fire Research and Studies Program	15.232		2,622
Water Desalination Research and Development Program	15.506		9,594
Research Grants (Generic)	15.650		1,075,504
Assistance to State Water Resources Research Institutes	15.805		57,278
Earthquake Hazards Reduction Program	15.807		40,318
Hurricane Sandy Program	15.979		8,514
Abandoned Mine Land Reclamation (AMLR) Program			
Passed through from:			
UNIVERSITY OF WYOMING/LARAMIE, WYOMING	15.252	1001541A-GIT	10,102
Research Grants (Generic)			
Passed through from:			
UNIV OF MICHIGAN	15.650	3001422031	6,254
Total Department of the Interior			1,210,187
Department of Justice			
Law Enforcement Assistance_National Crime Information Center	16.304		1,028,471
National Institute of Justice Research, Evaluation, and Development Project Grants	16.560		95,552
Regional Information Sharing Systems	16.610		650,373
Edward Byrne Memorial Justice Assistance Grant Program	16.738		857,559
Regional Information Sharing Systems Passed through from:			
CRIMINAL INFORMATION SHARING ALLIANCE/FOLSOM, CA	16.610	001-98-07SA	86,234
Public Safety Partnership and Community Policing Grants			·
Passed through from:			
STATE OF GEORGIA - CRIMINAL JUSTICE COORDINATING			
COUNCIL/ATLANTA, GA	16.710	AGR DTD 2/28/13	63,468
Total Department of Justice			2,781,657
Department of Labor			
Occupational Safety and Health-Susan Harwood Training Grants	17.502		144,522
Consultation Agreements Total Department of Labor	17.504		1,290,630 1,435,152
Total Sopartilloni of Labor			1,100,102
Department of State			
Environmental and Scientific Partnerships and Programs			
Passed through from:			
CIVILIAN RES & DEVL FOUN (CRDF)/ARLINGTON, VA	19.017	CO-8473A-13	7,950
SOUTHERN POLYTECHNIC STATE UNIVERSITY/MARIETTA, GA	19.017	SPARC2014-GTRC-002	26,758
SOUTHERN POLYTECHNIC STATE UNIVERSITY/MARIETTA, GA Academic Exchange Programs - Scholars Passed through from:	19.017	SPARC2014-GTRI-001	29,300
·			
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC Total Department of State	19.401	S-13-05	29,208 93,216

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

	Federal	Pass-through	
Federal Grantor/Pass-Though	CFDA	Entity ID	Federal
Grantor/Cluster or Program Title	Number	Number	Expenditures
Department of Transportation			
Aviation Research Grants	20.108		836,930
Air Transportation Centers of Excellence	20.109		1,442,024
Highway Research and Development Program	20.200		27,168
Highway Training and Education	20.215		18,426
Public Transportation Research	20.514		1,217
University Transportation Centers Program	20.701		1,890,669
Research Grants	20.762		439,685
Air Transportation Centers of Excellence			
Passed through from:			
UNIV OF MARYLAND/COLLEGE PARK, MD	20.109	Z908801	(4,455)
Highway Research and Development Program			
Passed through from:			
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	20.200	R01583	588,954
THE NATIONAL ACADEMIES	20.200	HR 24-37/ SUB0000130	32,102
THE NATIONAL ACADEMIES	20.200	NCHRP-163	74,383
UNIV OF FLORIDA/	20.200	UF-EIES-1200024-GAT	226,151
Highway Planning and Construction			
Passed through from:			
UNIVERSITY OF NEBRASKA/LINCOLN, NE	20.205	26-1122-0028-002	12,884
Public Transportation Research			
Passed through from:			
THE NATIONAL ACADEMIES	20.514	TCRP B-43	141,299
Research Grants			
Passed through from:			
THE NATIONAL ACADEMIES	20.762	HR 20-07(355)	14,960
THE NATIONAL ACADEMIES	20.762	HR 20-59(034)	142,485
UNIV OF FLORIDA/	20.762	UF-EIES-1200024-GAT	51,557
UNIVERSITY OF CALIFORNIA/DAVIS, CA	20.762	201302432-04	162,357
Total Department of Transportation		_	6,098,797
General Services Administration			
Sale of Federal Surplus Personal Property	39.007		162,988
Total General Services Administration		-	162,988
National Aeronautics and Space Administration	*****		0.004
Science	43.001		3,201,603
Aeronautics	43.002		6,305,132
Exploration	43.003		326,051
Education	43.008		420,161
Cross Agency Support	43.009		549,750
Science			
Passed through from:	40.004	14 204	00.000
ARIZONA STATE UNIVERSITY/TEMPE, AZ	43.001	14-394	22,075
DREXEL UNIVERSITY/PITTSBURG, PA	43.001	230097-3629 LTR SUBK EFFECTIVE 9 JAN	90,703
HONEYWELL INTERNATIONAL	43.001	2013	170,615
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.001	1501881	4,360
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	43.001	106571	113,062
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	43.001	PO 115895	14,255
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	43.001	5710002951	171,489
to	+3.001		171,409

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	43.001	4103-61335	6,657
SAN JOSE UNIVERSITY/SAN JOSE, CA	43.001	21-1614-4877-GATECH	57,859
SOUTHWEST RESEARCH INSTITUTE/	43.001	699054X/15.12029	44,899
UNIVERSITY OF ARIZONA/TUCSON, AZ	43.001	PO# 109150	23,124
UNIVERSITY OF COLORADO/DENVER, CO	43.001	1549894	151,223
Aeronautics			, ,
Passed through from:			
ANALYTICAL MECHANICS ASSOCIATES INC/HAMPTON, VA	43.002	PO T00142 FY13	15,000
BOEING AEROSPACE COMPANY/	43.002	455281; LTR DTD 3/22/2011	73,935
CFD RESEARCH CORPORATION/HUNTSVILLE, AL	43.002	1489	44,649
,	.0.002	LETTER CONTR DTD SEP-10-	. 1,0 .0
CROWN CONSULTING INC JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT	43.002	2013	214,556
WALTON BEACH, FL JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT	43.002	ESSA-GATECH-003	280,128
WALTON BEACH, FL JACOBS SVERDRUP ADVANCED SYSTEMS GROUP/FORT	43.002	ESSSA GATECH 001	207,595
WALTON BEACH, FL	43.002	ESSSA GATECH 002	101,041
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1371491	55,597
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1489795	1,940
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1492031	26,869
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1492033	24,327
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1492037	23,054
LMI/MCLEAN,VA	43.002	C6812	141,087
LMI/MCLEAN,VA	43.002	NS341.01	310,908
MARCO	43.002	2003-IT-674	-
NASA/JET PROPL LAB / PASADENA, CA	43.002	1492249	40,976
PRATT & WHITNEY AIRCRAFT/	43.002	24102 / 21	109,846
SENSIS CORPORATION/CAMPBELL, CA	43.002	24662	25,793
SETI INSTITUTE/MOUNTAIN VIEW, CA	43.002	SC-3017	29,305
SIERRA NEVADA CORPORATION / SPARKS, NV	43.002	G165621	(0)
SPACE TELESCOPE SCIENCE INSTITUTE	43.002	HST-GO-13503.001-A	8,807
SUPERIOR GRAPHITE CO/CHICAGO, IL	43.002	02-MAY-2012	(0)
UNITED TECHNOLOGIES/EAST HARTFORD, CT	43.002	PO 2602355	96,047
UNIV OF VIRGINIA/CHARLOTTESVILLE, VA	43.002	GG11501-136421 (AMEND #1)	6,215
Exploration Passed through from: CENTER FOR THE ADVANCEMENT OF SCIENCE IN SPACE		#OA 0040 440	
(CASIS)/EXPLORATION PARK, FL	43.003	#GA-2013-116	177,637
ARRA-Aeronautics, Recovery Act			
Passed through from: UNIVERSITY OF VIRGINIA/CHARLOTTESVILLE, VA	43.004	ZG1001-136421	0
Total National Aeronautics and Space Administration	43.004		13,688,330
The National Endowment for Arts			
Promotion of the Arts_Grants to Organizations and Individuals	45.024		36,511
Total The National Endowment for Arts		_	36,511
The Institute of Museum and Library Services			
National Leadership Grants	45.312		44,304
Total National Leadership Grants		_	44,304

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

FOR THE YEAR ENDED JUNE 30, 2014

Passed through from:

	Federal	Pass-through	
Federal Grantor/Pass-Though	CFDA	Entity ID	Federal
Grantor/Cluster or Program Title	Number	Number	Expenditures
National October From Latin			
National Science Foundation	47.041		14 700 707
Engineering Grants			14,708,797
Mathematical and Physical Sciences	47.049		13,681,971
Geosciences	47.050		4,038,244
Computer and Information Science and Engineering	47.070		16,679,687
Biological Sciences	47.074		2,632,620
Social, Behavioral, and Economic Sciences	47.075		873,569
Education and Human Resources	47.076		5,007,696
Polar Programs	47.078		298,728
International Science and Engineering (OISE)	47.079		56,079
Office of Cyberinfrastructure	47.080		2,131,821
ARRA-Trans-NSF RecoveryY Act Research Support	47.082		660,029
Engineering Grants			
Passed through from:			
ALPZHI INC/ATLANTA,GA	47.041	AGMT DATED 07.30.13	36,119
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.041	09-167	57,003
CITY COLLEGE OF NEW YORK/NEW YORK, NY	47.041	40B88-B	173,938
CLEMSON UNIVERSITY	47.041	1605-206-2008905	87,200
CLEMSON UNIVERSITY	47.041	1678-206-2009494	543
CORNELL UNIVERSITY	47.041	44771-7471	1,660,601
EMORY UNIVERSITY	47.041	T191962	224,470
GEORGIA DEPT OF COMMUNITY HEALTH/ATLANTA,GA	47.041	12036G-ARRA	880,171
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	47.041	DO 43 DTD 7/12/10	796,551
IOWA STATE UNIVERSITY/AMES, IA	47.041	420-21-54A	18,029
MA INSTITUTE OF TECHNOLOGY	47.041	5710002868	1,400,536
MOREHOUSE COLLEGE/ATLANTA, GA	47.041	PO# P0044575	1,084
OPENCELL TECHNOLOGIES INC/ATLANTA,GA	47.041	AGRMNT. DATED 07.31.13	33,655
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	47.041	TO# 14 - 3168M-GIT-TPSU-0000	39,372
PRINCETON UNIVERSITY/PLAINSBORO, NJ	47.041	00001972	135,422
RAYTHEON/BBN SYSTEM AND TECHNOLOGIES/CAMBRIDGE, MA	47.041	1833B-EAGER	17,818
ROCHESTER INSTITUTE OF TECHNOLOGY/ROCHESTER, NY	47.041	32074-01	83,802
STATE UNIV OF NEW YORK AT BINGHAMTON/BINGHAMTON, NY	47.041	AGMT DTD 5/10/12	(550)
STATE UNIV OF NY AT STONY BROOK/STONY BROOK,NY	47.041	51585	8,928
TEXAS A & M INIVERSITY/KINGSVILLE, TX	47.041	11-0114	(7,390)
TEXAS A & M UNIVERSITY/COLLEGE STATION, TX	47.041	B5241	12,441
UCLA/LOS ANGELES, CA	47.041	1000 G QB248	14,131
UNIV OF WASHINGTON/SEATTLE, WA	47.041	758363	8,018
UNIVERSITY OF CALIFORNIA RIVERSIDE/RIVERSIDE, CA	47.041	S-000384	26,462
UNIVERSITY OF MINNESOTA	47.041	T5306692101	530,117
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	A003927901 T5306692101 (OLD	4,439
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	#T5306755102)	24,649
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.041	T5306692101-INDUSTRY	86,631
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.041	43415275	34,241
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.041	48754920	3,785
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN,TX	47.041	UTA13-000573	1,022
VERAPHOTONICS/SAN JOSE,CA	47.041	AGMT DTD 12/20/13	30,228
Mathematical and Physical Sciences	-17.0-1		50,220

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

deral Grantor/Pass-Though antor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
EMORY UNIVERSITY/ATLANTA, GA	47.049	T082455 (YR2)	361,430
FULLSCALENANO INC./TALLAHASSEE, FL	47.049	AGMT DTD 10/30/13	19,332
OHIO UNIVERSITY/ATHENS, OH	47.049	UT17727	137,062
PURDUE UNIVERSITY/WEST LAFAYETTE.IN	47.409	4101-38946	12,000
UNIV OF NORTH CAROLINA/CHAPEL HILL, NC	47.049	5-37561	29,320
UNIV OF NORTH CAROLINA/CHAPEL HILL, NC	47.049	5-37562	16,20
UNIV OF NORTH CAROLINA/CHAPEL HILL, NC	47.049	S-37055	68,86
UNIV OF WASHINGTON/SEATTLE, WA	47.049	745170	24,890
UNIV OF WASHINGTON/SEATTLE, WA	47.049	758363	20
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.049	A000060251	81,02
Geosciences	47.040		01,02
Passed through from: CONSORTIUM OF UNIV FOR RES IN EARTHQUAKE			
ENG/RICHMOND, CA	47.050	2	3,67
DUKE UNIVERSITY/DURHAM, NC	47.050	#14-NSF-1074	12,41
SKIDAWAY INSTITUTE OF OCEANOGRAPHY/SAVANNAH, GA	47.050	93-261	(4,81
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	47.050	PO# 10313411	100,50
UNIV OF SOUTHERN CALIFORNIA/MARINA DEL RAY, CA	47.050	38516937	22,77
UNIVERSITY OF COLORADO/BOULDER, CO	47.050	1550970	16,60
UNIVERSITY OF MINNESOTA/ST. PAUL, MN	47.050	H00294503	16,70
UNIVERSITY OF NEW HAMPSHIRE/DURHAM, NH	47.050	#14-059	5,47
UNIVERSITY OF SOUTHERN CALIFORNIA/LOS ANGELES, CA	47.050	Y83150	31,98
Computer and Information Science and Engineering			
Passed through from:			
CARNEGIE MELLON INSTITUTE/PITTSBURGH, PA	47.070	121659-317227	20,21
PENNSYLVANIA STATE UNIV/UNIV PARK, PA	47.070	T.O. #13 -3168M-GIT-TPSU-0000	40,55
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	47.070	32988721	93,87
Biological Sciences			
Passed through from:			
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.074	T.O. 1	376,73
ENGENIUSMICRO/MABLETON, GA	47.074	01-JUL-2012	6,25
IOWA STATE UNIVERSITY/AMES, IA	47.074	420-61-87A	35,42
MONTANA STATE UNIVERSITY/BOZEMAN, MONTANA	47.074	G124-14-W4596	6,11
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	47.074	P.O. #30515609	29,37
SILA NANOTECHOLOGIES INC/ ATLANTA, GA	47.074	120358	48,23
Social, Behavioral, and Economic Sciences			
Passed through from:			
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.075	11-483 / PO # SC 19111M00171	281,38
ARIZONA STATE UNIVERSITY/TEMPE, AZ	47.075	14-364	32,14
CLARK ATLANTA UNIVERSITY/ATLANTA, GA	47.075	RSP-09-09-215035-002	90,07
GALLAUDET UNIVERSITY/WASHINGTON,DC	47.075	0000021047	77,15
NEW MEXICO HIGHLANDS UNIVERSITY/LAS VEGAS, NM	47.075	PO #: P0130865 (P0121252-OLD)	88,93
UNIVERSITY OF GEORGIA/ATHENS, GA	47.075	RR579-054/4787246	44,37
Education and Human Resources			
Passed through from:			
KENNESAW STATE UNIVERSITY/MARIETTA, GA	47.076	431317-14-01	3,08
UNIV OF PITTSBURGH/PITTSBURGH, PA	47.076	0003411 - SA#; PROJ # 010901-1	94
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	RR740-010/4942006	29,11
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	RR740-010-4940366	17,36
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	RR740-011/4942696	2,182
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	47.076	419K893	10,603

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Polar Programs			
Passed through from:			
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	47.078	430K905	33,910
International Science and Engineering (OISE)	47.070	4001000	33,910
Passed through from:			
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	47.079	A003418201	166.000
Office of Cyberinfrastructure	47.079	A003410201	160,000
Passed through from:			
UNIV OF ILLINOIS/URBANA, ILLINOIS	47.080	2007-01077-34	7,311
Office of Experimental Program to Stimulate Competitive Research	47.000	2007 01077 04	7,511
Passed through from:			
UNIV OF KENTUCKY RESEARCH FDN/LEXINGTON,KY	47.081	3048108525-12-455	19,635
ARRA-TRANS-NSF RECOVERY ACT RESEARCH SUPPORT	47.001	004010002012400	19,033
Passed through from:			
DREXEL UNIVERSITY/PITTSBURG, PA	47.082	235660	68,224
UNIV OF TENNESSEE/	47.082	A10-0064-S007	68,036
UNIV OF TENNESSEE/	47.082	41BIOL010-01	
UNIVERSITY OF PENNSYLVANIA/PHILADELPHIA, PA	47.082	S53418	13,567
Total National Science Foundation	47.062	333416	49,396 69,908,558
Total National Science Foundation			09,900,336
Small Business Adminstration			
Prime Technical Assistance	59.05		23,291
Total Small Business Adminstration			23,291
Department of Veteran Affairs			
Veterans Domiciliary Care	64.008		389
Total Department of Veteran Affairs			389
Environmental Protection Agency			
Science To Achieve Results (STAR) Research Program	66.509		411,607
Pollution Prevention Grants Program	66.708		1,972
Ozone Transport Commission			
Passed through from:			
HEALTH EFFECTS INSTITUTE/CAMBRIDGE, MA	66.033	4943-RFA13-2/14-4	28,196
Surveys, Stdies, Rsch, Invstigtns, Demos, & SpecPurp Activ Rel to Clean Air Act			
Passed through from:			
HEALTH EFFECTS INSTITUTE/CAMBRIDGE, MA	66.034	#4912-RFA11-1/12-6	76,395
SOUTHEASTERN STATES AIR RESOURCE MANAGERS		0.0040.04.04	
INC/FOREST PARK,GA	66.034	S-2010-04-01	335,522
Congressionally Mandated Projects			
Passed through from: THE CONSORTIUM FOR PLANT BIOTECH RES INC/ST SIMONS			
ISLAND, GA	66.202	EPA8348801-339	6,888
Science To Achieve Results (STAR) Research Program	00.202		0,000
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553708	194,873
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553709	111,370
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553710	256,213
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553711	48,325
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553712	218,225
EMORY UNIVERSITY/ATLANTA, GA	66.509	S553713	18,016
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	66.509	345K015	
ONIVERSITT OF WISCONSIN/MADISON WISCONSIN	60.509	CLOVICHC	86,810

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Total Environmental Protection Agency		•	1,794,411
Nuclear Regulatory Commission			
U. S. Nuclear Regulatory Commission Nuclear Education Grant Program	77.006		102,853
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		3,840
U. S. Nuclear Regulatory Commission Nuclear Education Grant Program			
Passed through from:			
M. TUTTLE AND ASSOCIATES/GEORGETOWN,ME	77.006	MTA-SC2011-GT-1	6,740
Total Nuclear Regulatory Commission			113,433
Department of Energy			
Office of Science Financial Assistance Program	81.049		3,962,829
Renewable Energy Research and Development	81.087		2,523,795
Fossil Energy Research and Development	81.089		1,443,725
Defense Nuclear Nonproliferation Research	81.113		334,211
Nuclear Energy Research, Development and Demonstration ARRA-Electricity Delivery and Energy Reliability, Research, Development and	81.121		46,188
Analysis	81.122		258,665
Advanced Research and Projects Agency – Energy Financial Assistance Program	81.135		5,031,873
ARRA-Office of Science Financial Assistance Program			
Passed through from:			
AERODYNE RESEARCH INCORPORATED/BILLERICA, MA	81.049	ARI-10744-2	16,894
ARGONNE NATL LAB/UCHICAGO ARGONNE LLC/ARGONNE, IL	81.049	4F-30541	23,262
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.049	12-727	228,784
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.049	DE-AR0000470	579
BANDGAP ENGINEERING INC/WOBURN, MA	81.049	AGMT, DTD 3/25/2013	9,999
BEA/IDAHO NATIONAL LAB/IDAHO FALLS	81.049	DE-AC07-05ID14517	15,731
CHEVRONTEXACO	81.049	SO 4527791	239,448
CLEMSON UNIVERSITY/CLEMSON, SC	81.049	1518-219-2098126	66,461
CONTINUUM DYNAMICS INC/EWING, NJ	81.049	PO 11-683	73,868
FLORIDA STATE UNIVERSITY/TALLAHASSEE, FLA	81.049	R01436	81,389
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00101356	93,359
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00123590	28,905
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00126913	313,911
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00126931	376,635
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00128483	194,421
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00131206	75,399
IDAHO NATIONAL LAB/BEA/IDAHO FALLS	81.049	00132015	1,626,273
IDAHO STATE UNIV/POCATELLO, ID	81.049	10-225C	25,480
KENTUCKY STATE UNIVERSITY LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF	81.049	400001-GATECH	101,806
CALIFORNIA LAWRENCE BERKELEY NATIONAL LAB/UNIVERSITY OF	81.049	7080598	44,995
CALIFORNIA	81.049	SUBCONTRACT NO 7052309	465,572
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B603097	7,406
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.049	B605402	4,800
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY	81.049	B606031	55,582
(LANS)	81.049	120484	37,567

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

ederal Grantor/Pass-Though rrantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
LOS ALAMOS NATIONAL LAB/LOS ALAMOS NATIONAL SECURITY			
(LANS)	81.049	227578-1	88,723
LSU/BATON ROUGE, LA	81.049	41920	197,843
NATL RENEWABLE ENERGY LAB/ALLNC FOR SUSTAIN ENGY	81.049	AFC-4-42041-01	33,804
NATL RENEWABLE ENERGY LAB/ALLNC FOR SUSTAIN ENGY	81.049	XEJ-4-42219-01	46,235
NATL RENEWABLE ENERGY LAB/ALLNC FOR SUSTAIN ENGY	81.049	XFA-3-23009-01	70,145
NATL RENEWABLE ENGY LAB/ALLNC FOR SUSTAIN ENGY LLC	81.049	XFC-2-22559-01	22,326
NORTHWESTERN UNIVERSITY/EVANSTON, IL	81.049	SP0018030-PROJ0004606	137,685
OAK RIDGE NATL LAB/OAK RIDGE, TN	81.049	4000063556	(2,569)
OAK RIDGE NATL LAB/OAK RIDGE, TN	81.049	4000066063	40,905
OAK RIDGE NATL LAB/OAK RIDGE, TN	81.049	400084578	15,600
OAK RIDGE NATE LAB/UT BATTELLE LLC	81.049	4000099430	10,117
OAK RIDGE NATE LAB/OT BATTELLE LLC	81.049	4000100062	
			39,651
OAK RIDGE NATI LAB/UT BATTELLE LLC	81.049	4000102647	35,650
OAK RIDGE NATL LAB/UT BATTELLE LLC	81.049	4000104541	98,578
OG TECHNOLOGIES/ANN ARBOR, MI	81.049	AGR SIGNED 10/11/2010	41,017
PACIFIC NW NATIONAL LAB	81.049	206887	72,482
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	118898	7,980
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	189238	(2,424)
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	195134	20,960
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	199152	4,116
PACIFIC NW NATL LAB/BATTELLE MEMORIAL INST	81.049	200585	30,564
PHOSPHOR TECH CORPORATION/MABLETON, GA	81.049	DOECO2	73,080
PROJECT PERFORMANCE COMPANY LLC/MCLEAN, VA	81.049	1510-GTRC-S / 0001	80,807
PROJECT PERFORMANCE COMPANY LLC/MCLEAN, VA	81.049	GTRC- 015	15,000
PROJECT PERFORMANCE CORP/MCLEAN, VA	81.049	GTRC-0013	3,246
QUES TEK INNOVATIONS LLC	81.049	1122	53,916
QUES TEK INNOVATIONS LLC/EVANSTON, IL	81.049	PO 920	47,506
RESERVOIR LABS INC	81.049	DOE: GPU/2	10,475
SANDIA NATL LABS/SANDIA CORP	81.049	1075167	55,578
SANDIA NATE EABS/SANDIA CORP		1155042	,
SANDIA NATE LABS/SANDIA CORP	81.049	1188989	1,595
	81.049		43,733
SANDIA NATI LABOGANDIA CORR	81.049	1208307	137,864
SANDIA NATL LABS/SANDIA CORP	81.049	1215701	2,386
SANDIA NATL LABS/SANDIA CORP	81.049	1289810	115,567
SANDIA NATL LABS/SANDIA CORP	81.049	1399026	114,993
SANDIA NATL LABS/SANDIA CORP	81.049	1399405	44,438
SANDIA NATL LABS/SANDIA CORP	81.049	1400963	235,655
SANDIA NATL LABS/SANDIA CORP	81.049	1406840	15,157
SANDIA NATL LABS/SANDIA CORP	81.049	1440770	15,006
SANDIA NATL LABS/SANDIA CORP	81.049	1451165	7,746
SIEMENS	81.049	PO 6500014579	186,047
SIEMENS POWER GENERATION/ALAFAYA TRAIL ORLANDO, FL	81.049	6500040360	190,703
SIEMENS/ORLANDO, FL	81.049	DE-FC26-05NT42644-12	36,563
SILA NANOTECHOLOGIES INC/ ATLANTA, GA	81.049	AGMT DTD 10/1/12	292,487
SILICON SOLAR SOLUTIONS LLC /FAYETTEVILLE, AR	81.049	AGREEMENT EFF 09/27/13	116,909
SMART WIRE GRID INC/SAN FRANCISCO,CA	81.049	DE-AR0000223GTRC	54,157
SOUTHWEST RESEARCH INSTITUTE	81.049	B99008L	89,303

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

ederal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal	Pass-through	
	CFDA	Entity ID	Federal
	Number	Number	Expenditures
SunEdison, Inc	81.049	AGREE EFF 14 DEC 2012	42,5
SYRACUSE UNIVERSITY/SYRACUSE, NY	81.049	24958-02972-S02	116,6
THIRD WAVE SYSTEMS/MINNEAPOLIS, MN	81.049	P.O. TDM734	365,2
UNIV OF AKRON/AKRON, OH	81.049	00121-GEORG	76,2
UNIV OF FLORIDA/	81.049	UF12020 (00089099)	3
UNIV OF FLORIDA/	81.049	UF13105	34,8
UNIV OF NOTRE DAME/SOUTH BEND, IN	81.049	202092-GT	279,4
UNIV OF SOUTH CAROLINA/COLUMBIA, SC	81.049	10-1720	219,7
UNIV OF TENNESSEE/	81.049	#A12-0152-S003	141,2
UNIVERSITY OF ARIZONA	81.049	Y551858	709,0
UNIVERSITY OF ARIZONA/TUCSON, AZ	81.049	74571	110,4
UNIVERSITY OF DELAWARE/NEWARK, DE	81.049	32600	42,5
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	81.049	A003127003	94,1
UNIVERSITY OF OKLAHOMA	81.049	2014-14	95,4
UNIVERSITY OF NORTH CAROLINA	81.049	5-35981	135,1
UNIVERSITY OF SOUTH CAROLINA	81.049	11-1847	98,2
UNIVERSITY OF SOUTH CAROLINA	81.049	13-2260	5,0
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	81.049	#366K730	63,5
UNIVERSITY OF WISCONSIN/MADISON WISCONSIN	81.049	524K086	13,4
US DEPT OF ENERGY/ARGONNE, IL	81.049	DE-FG02-07ER46394	151,8
UT BATTELLE LLC	81.049	4000120432	6,0
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000116095	338,8
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000120089	46,6
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000121932	107,0
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000122658	280,2
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000122911	49,9
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000125100	35,0
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000125663	137,3
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000125802	46,5
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000126657	40,9
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	400012684	48,8
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000127240	114,4
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000127446	38,5
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000128095	39,0
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000129251	8,8
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000130657 SUBCONTRACT NUMBER	2,9
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049	4000121217	8,4
VANDERBILT UNIVERSITY/NASHVILLE, TN	81.049	#19067-S12	111,1
VARENTEC, INC / SAN JOSE, CA	81.049	AGMT, DTD 1/26/2012	494,5
ARRA-Conservation Research and Development			
Passed through from:			
EATON CORPORATION	81.086	0011-38604	37,8
Renewable Energy Research and Development			
Passed through from:			
ARIZONA STATE UNIVERSITY/TEMPE, AZ	81.087	13-184	179,4
BEA/IDAHO NATIONAL LAB/IDAHO FALLS	81.087	00090230	44,8
COLORADO STATE UNIVERSITY	81.087	DOE001-3(GTRC)	(4
ELECTRIC POWER RES INST/	81.087	#10001650	30,9
OAK RIDGE NATL LAB/OAK RIDGE, TN	81.087	4000083087	31,4
STANFORD UNIVERSITY/STANFORD, CA	81.087	60212339-51077-G	206,9

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

	Federal	Pass-through	
Federal Grantor/Pass-Though	CFDA	Entity ID	Federal
Grantor/Cluster or Program Title	Number	Number	Expenditures
TEXAS A&M UNIVERSITY	81.087	06-S141618	23,247
THE CONSORTIUM FOR PLANT BIOTE	81.087	GO12026-313	(0)
Fossil Energy Research and Development			.,
Passed through from:			
COMBUSTION RSCH & FLOW TECH	81.089	DE-SC0004465/C503	79,403
GE GLOBAL RESEARCH/NISKAYUNA, NY	81.089	400101851	123,102
OAK RIDGE NATL LAB/UT BATTELLE LLC	81.089	4000105489	68,948
PENNSYLVANIA STATE UNIV/UNIV PARK, PA TEXAS ENGINEERING EXPERIMENT STATION-TAMU/COLLEGE	81.089	3819-GIT-DOE-5054	58,141
STATION, TX	81.089	M1400537	22,685
UNITY POWER ALLIANCE/WORCESTER, MA	81.089	AGMT, DTD 6/24/2013	108,054
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.089	#4000111432	155,527
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.089	4000105765	144,019
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.089	4000109871	33,881
WASTREN ADVANTAGE INC/LENOIR CITY,TN	81.089	080090	733
Environmental Remediation and Waste Processing and Disposal Passed through from:			
LLNL/LAWRENCE LIVERMORE NATL SEC LLC/LIVERMORE,CA	81.104	B604040	1,322
ARRA-Advanced Research and Projects Agency – Energy Financial Assistance	Program		
Passed through from:			
MA INST OF TECHNOLOGY/CAMBRIDGE, MA	81.135	5710002869	51,448
PRINCETON UNIVERSITY/PLAINSBORO, NJ	81.135	00002161	121,988
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	81.135	A002605103	28,689
Total Department of Energy			27,162,164
Department of Education			
International Research and Studies	84.017		20,275
Overseas Programs - Group Projects Abroad	84.021		50,243
Fund for the Improvement of Postsecondary Education	84.116		69,390
National Institute on Disability and Rehabilitation Research	84.133		1,820,909
Graduate Assistance in Areas of National Need	84.200		81,462
Centers for International Business Education	84.220		190,006
Education Research, Development and Dissemination	84.305		331,313
Research in Special Education	84.324		125,513
National Institute on Disability and Rehabilitation Research			
Passed through from:			
XG SCIENCES/LANSING,MI	84.133	AGMT DTD 12/19/2012	5,623
Rehabilitation Training - Continuing Education			
Passed through from: SYRACUSE UNIVERSITY/SYRACUSE, NY	84.264	23482-02063 SO1	34,769
Mathematics and Science Partnerships			
Passed through from: OHIO STATE UNIVERSITY/COLUMBUS, OH	84.366	60036997	22,533
Improving Teacher Quality State Grants			·
Passed through from: UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	RH216-331/4945776	13,521
Education Technology State Grants, Recovery Act	3 1.001		10,021
Passed through from: ST OF GA GOVERNOR'S OFFICE/ATLANTA, GA	84.386	66IF321	201,957
College Access Challenge Grant Program Passed through from:	2 1.000		201,001

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though	Federal CFDA	Pass-through Entity ID	Federal
Grantor/Cluster or Program Title	Number	Number	Expenditures
BARROW COUNTY SCHOOL SYSTEM	84.395	AGR DTD 11/9/11	49,144
CF FOUNDATION INC./ATLANTA, GEORGIA	84.395	#122699	69,134
DREW CHARTER SCHOOL/ATLANTA,GA	84.395	AGMT DTD 2/24/12	121,957
Total Department of Education			3,207,748
U.S. Election Assistance Commission			
U.S. Election Assistance Commission Research Grants			
Passed through from:			
INFORMATION TECH & INNOVATION/WASHINGTON,DC	90.403	2012005	48,703
INFORMATION TECH & INNOVATION/WASHINGTON,DC	90.403	116807	484,504
INFORMATION TECH & INNOVATION/WASHINGTON,DC	90.403	2012004	57,891
INFORMATION TECH & INNOVATION/WASHINGTON,DC	90.403	2013003	49,562
Total U.S. Election Assistance Commission			640,661
Department of Health and Human Services			
Public Health Emergency Preparedness	93.069		77,619
Food and Drug Administration_Research	93.103		804,986
Oral Diseases and Disorders Research	93.121		772,883
Health Program for Toxic Substances and Disease Registry	93.161		350,022
Human Health Studies-Applied Research and Development	93.206		20,498
Occupational Safety and Health Program	93.262		14,483
Complex Humanitarian Emergency and War-Related Injury Public Health Activities Discovery & Applied Research for Technological Innovations to Improve Human	93.269		9,341
Health	93.286		3,060,967
Trans-NIH Research Support	93.310		2,693,627
National Center for Research Resources	93.389		214,928
Cancer Cause and Prevention Research	93.393		138,400
Cancer Detection and Diagnosis Research	93.394		113,939
Cancer Treatment Research	93.395		704,145
Cancer Biology Research Approach to Good Health and Wellness in Indian County – financed solely by	93.396		159,170
Prevention and Public Health	93.762		75,760
Heart and Vascular Diseases Research	93.837 93.838		5,507,649 32,767
Lung Diseases Research	93.839		140,514
Blood Diseases and Resources Research Arthritis. Musculoskeletal and Skin Diseases Research	93.846		, , , , , , , , , , , , , , , , , , ,
Diabetes, Endocrinology and Metabolism Research	93.847		1,935,984 602,004
Extramural Research Programs in the Neurosciences & Neurological Disorders	93.853		1,984,532
Allergy, Immunology and Transplantation Research	93.855		2,056,617
Biomedical Research and Research Training	93.859		3,378,161
Aging Research	93.866		632,732
Vision Research	93.867		3,417,131
Special Projects of National Significance	93.928		14,350
Cooperative Agreements to Support Comprehensive School Health Programs to			
Prevent the Spread of HIV and Other Important Health Problems	93.938 93.989		(98)
International Research and Research Training	93.989		832,443
Technical Assistance and Provision for Foreign Hospitals and Health Organizations Passed through from:		_	
EMORY UNIVERSITY/ATLANTA, GA	93.019	T079505	655,909
Innovations in Applied Public Health Research			
Passed through from: TASK FORCE FOR GLOBAL HEALTH/DECATUR, GA	93.061	AGMT, DTD 1/12/2012	(0)

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

eral Grantor/Pass-Though ntor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Global AIDS			
Passed through from:			
ASSOCIATION OF PUBLIC HEALTH LABS/SILVER SPRINGS, MD	93.067	AGMT EXEC 11/10/11	80 ⁻
Environmental Health	00.007		00
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.113	S662370	13,24
EMORY UNIVERSITY/ATLANTA, GA	93.113	T050705	105,42
EMORY UNIVERSITY/ATLANTA, GA	93.113	T133127	11,30
EMORY UNIVERSITY/ATLANTA, GA	93.113	T198217	23,70
UNIVERSITY OF MIAMI MEDICAL SCHOOL/MIAMI, FL	93.113	PO# MR53509	279,50
Health Program for Toxic Substances and Disease Registry			
Passed through from:			
AXION BIOSYSTEMS	93.161	10/17/2011	26,56
EMORY UNIVERSITY/ATLANTA, GA	93.161	PO# S289250	88
LSU/BATON ROUGE, LA	93.161	10-90-010 (PO# 00365863)	168,19
OPENCELL TECHNOLOGIES INC/ATLANTA,GA	93.161	K SIGNED 01/11/2012	4,79
PREMITEC INC	93.161	CONTRACT DATE 08/15/2011	23,90
RTI INTERNATIONAL / RESEARCH TRIANGLE PK, NC	93.161	1-312-0212791, ORDER 002	7,73
Research Related to Deafness and Communication Disorders			
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.173	S803949	49,98
EMORY UNIVERSITY/ATLANTA, GA	93.173	S341061	16,38
EMORY UNIVERSITY/ATLANTA, GA	93.173	S872546 (MAIN GRANT)	1,00
EMORY UNIVERSITY/ATLANTA, GA	93.173	S915497	50,98
Human Health Studies-Applied Research and Development			
Passed through from:		4 OMT DTD 5/00/4 4	
ARTIFICIAL CELL TECHNOLOGIES/NEW HAVEN,CT	93.206	AGMT DTD 5/29/14	5,12
GEORGIA DEPT OF COMMUNITY HEALTH/ATLANTA,GA	93.206	15005G	86,77
NEW ENGLAND RESEARCH INSTITUTE/WATERTOWN, MA	93.206	AGMT DTD 2/4/14 AGMT DTD 04/25/2013	92,88
QAPSULE TECHNOLOGIES INC/ SAN DIEGO, CA UNIV OF WASHINGTON/SEATTLE, WA	93.206	759695	45,17
UNIVERSITY OF PENNSYLVANIA	93.206 93.206	561713	28,24 186,13
Research on Healthcare Costs, Quality and Outcomes	93.200	301713	100,13
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.226	S906061	58,93
Mental Health Research Grants	00.220		00,00
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.242	S487806	39,92
EMORY UNIVERSITY/ATLANTA, GA	93.242	S902332	38,24
EMORY UNIVERSITY/ATLANTA, GA	93.242	S967654	10,93
EMORY UNIVERSITY/ATLANTA, GA	93.242	T076357	133,31
Drug Abuse and Addiction Research Programs			
Passed through from:			
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	93.279	39059372	470,01
UNIVERSITY OF GEORGIA/ATHENS, GA	93.279	RR274-403/4895516	36,20
Centers for Disease Control and Prevention_Investigations and Technical Assistance			
Passed through from:			
UNIV OF SOUTH CAROLINA/COLUMBIA, SC	93.283	14-2633 11520 FB35	1,93
Discovery and Applied Research for Technological Innovations to Improve			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

deral Grantor/Pass-Though antor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Passed through from:			
CORNELL UNIVERSITY/ITHACA, NY	93.286	13040557-01	43,378
DREXEL UNIVERSITY/PITTSBURG, PA	93.286	232479-5826	64,899
EMORY UNIVERSITY/ATLANTA, GA	93.286	T087778	54,324
Trans-NIH Research Support			
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.310	S699823	250,845
EMORY UNIVERSITY/ATLANTA, GA UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO/SAN	93.310	T165062	35,895
FRANCISCO, CA	93.310	7475SC	39,982
UNIVERSITY OF TEXAS AT AUSTIN/AUSTIN,TX	93.310	UTA10-001155	127,211
Public Health Preparedness and Response Science, Research, and Practice	93.310	317110 001100	121,211
Passed through from:			
OAK RIDGE INSTI OF SCI & EDU/OAK RIDGE, TN	93.316	LTR DATED AUGUST 30, 2013	9,060
	93.310	ETR DATED A000031 30, 2013	9,000
National Center for Advancing Translational Sciences			
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.350	S871416 (RENEWAL OF S656756)	261,800
EMORY UNIVERSITY/ATLANTA, GA	93.350	S937831	(3,164
EMORY UNIVERSITY/ATLANTA, GA	93.350	T103356	28,08
National Center for Research Resources			-,
Passed through from:			
CORNELL UNIVERSITY/ITHACA, NY	93.389	12121739 (FORMER 11111925)	(25
EMORY UNIVERSITY/ATLANTA, GA	93.389	\$656756	17
Cancer Detection and Diagnosis Research	00.000		
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.394	S807195	(5,313
EMORY UNIVERSITY/ATLANTA, GA	93.394	T113827	111,68
EMORY UNIVERSITY/ATLANTA, GA	93.394	T129652	23,67
RICE UNIVERSITY/HOUSTON, TEXAS	93.394	R22089	34,01
Cancer Treatment Research	00.004		04,01
Passed through from:			
MICHIGAN STATE UNIVERSITY/EAST LANSING, MI	93.395	RC100173GT	224,65
Cancer Biology Research	55.555		224,000
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.396	T035013	3,23
Cancer Control	33.330	1000010	3,23
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.399	S919178	9,90
ARRA-TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.399	3919170	9,90
Passed through from: EMORY UNIVERSITY/ATLANTA, GA	93.701	S471325 (FORMER: S371740)	0.43
	93.701	347 1323 (FORWER, 337 1740)	9,432
Heart and Vascular Diseases Research			
Passed through from:	00.007	52445 10079	7.000
CORNELL UNIVERSITY/ITHACA, NY	93.837	52445-10078 T087014	7,996
EMORY UNIVERSITY	93.837	T087014	157,97
EMORY UNIVERSITY/ATLANTA, GA	93.837	\$289208 \$289200	7,74
EMORY UNIVERSITY/ATLANTA, GA	93.837	\$289209	2,30
EMORY UNIVERSITY/ATLANTA, GA	93.837	S392800 (FORMER 5-42486-G1)	99,29
EMORY UNIVERSITY/ATLANTA, GA	93.837	\$402756	39,202
EMORY UNIVERSITY/ATLANTA, GA	93.837	\$480564	10,268
EMORY UNIVERSITY/ATLANTA, GA	93.837	S892298	99,66

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

ederal Grantor/Pass-Though irantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
		T	
EMORY UNIVERSITY/ATLANTA, GA	93.837	T037975	34,098
EMORY UNIVERSITY/ATLANTA, GA	93.837	T059963	128,937
EMORY UNIVERSITY/ATLANTA, GA	93.837	T095815	38,240
EMORY UNIVERSITY/ATLANTA, GA	93.837	T167998	49,377
OREGON HEALTH & SCIENCE UNIVERSITY/PORTLAND, OR	93.837	ABMEN0092-GTRC	15,384
ROCHESTER INSTITUTE OF TECHNOLOGY/ROCHESTER, NY	93.837	31406-02/ PO# 159761	70,745
UNIV OF MAINE/ORONO, ME	93.837	UM-S755	285,495
UNIVERSITY OF TEXAS AT AUSTIN	93.837	UTA13-000981	215,677
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	93.837	4000128353	16,288
Arthritis, Musculoskeletal and Skin Diseases Research			
Passed through from:			
APTIMA/ WOBURN,MA	93.846	0859-1692	1,436
VIRGINIA COMMONWEALTH UNIVERSITY/RICHMOND, VA	93.846	PT109260-SC105046	153,000
Diabetes, Digestive, and Kidney Diseases Extramural Research			
Passed through from:			
COLUMBIA UNIVERSITY/NEW YORK, NY	93.847	1 (GG006278)	69,857
EMORY UNIVERSITY/ATLANTA, GA	93.847	S499752	28,222
EMORY UNIVERSITY/ATLANTA, GA	93.847	S726752	58,028
EMORY UNIVERSITY/ATLANTA, GA	93.847	T165361	27,314
UNIV OF CALIFORNIA/SAN DIEGO/LAJOLLA, CA	93.847	PO 10290489	171,018
Extramural Research Programs in the Neurosciences and Neurological Disorders			
Passed through from:			
ARUNA BIOMEDICAL INC/ATHENS, GA	93.853	AGR DTD 9/30/12	150,626
EMORY UNIVERSITY/ATLANTA, GA	93.853	S810188	21,355
EMORY UNIVERSITY/ATLANTA, GA	93.853	S810314	19,393
EMORY UNIVERSITY/ATLANTA, GA	93.853	S958540	69,719
EMORY UNIVERSITY/ATLANTA, GA	93.853	T011604	41,075
UCLA/LOS ANGELES, CA	93.853	0130GQA251	32,319
Allergy, Immunology and Transplantation Research			5_,
Passed through from:			
EMORY UNIVERSITY	93.855	S879843	169,156
EMORY UNIVERSITY/ATLANTA, GA	93.855	S611376	163,457
EMORY UNIVERSITY/ATLANTA, GA	93.855	T071385	109,383
EMORY UNIVERSITY/ATLANTA, GA	93.855	T080629	81,058
GEORGIA STATE UNIV/ATLANTA, GA	93.855	SP00011121-02	79,959
Biomedical Research and Research Training	33.033	0. 00011121 02	73,333
Passed through from:			
CALIFORNIA INSTITUTE OF TECH/PASEDENA, CA	93.859	21B-1094031	39,355
EMORY UNIVERSITY/ATLANTA, GA	93.859	\$686206	•
MEDICAL UNIVERSITY OF SOUTH CAROLINA		MUSC08-036	60,191
STATE UNIV OF NY AT STONY BROOK/STONY BROOK,NY	93.859		(6,988)
	93.859	#1101299	58,513
UNIV OF WASHINGTON/SEATTLE, WA	93.859	2011-02349-01	55,713
UNIV OF WASHINGTON/SEATTLE, WA	93.859	752574	327,546
UNIV OF WASHINGTON/SEATTLE, WA	93.859	758419	9,322
UNIV OF WASHINGTON/SEATTLE, WA	93.859	759556	14,805
UNIVERSITY OF WASHINGTON	93.859	740789	(40,821)
Child Health and Human Development Extramural Research			
Passed through from:		0000047	
EMORY UNIVERSITY	93.865	S826047	222,462
EMORY UNIVERSITY/ATLANTA, GA	93.865	S471027	61,970

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
EMORY UNIVERSITY/ATLANTA, GA	93.865	S826075	189,807
UNIV OF ALABAMA/TUSCALOOSA, AL	93.865	UA13-001	13,864
Vision Research			·
Passed through from:			
EMORY UNIVERSITY/ATLANTA, GA	93.867	S309506: PROJ 5	(2,019)
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	93.867	#5710003266	143,728
UNIV OF PITTSBURG/PITTSBURG, PA	93.867	0013954(122303-5)	63,031
UNIVERSITY OF CALIFORNIA/BERKLEY, CA	93.867	00006807	100,901
UNIVERSITY OF COLORADO	93.867	FY14.558.001	169,854
Total Department of Health and Human Services			37,949,782
Corporation for National Public Community			
AmeriCorps Page of through from:			
Passed through from: GA DEPT COMMUNITY AFFAIRS/	94.006	11AFHGA0010003	219,995
JUMPSTART FOR YOUNG CHILDREN/ATLANTA, GA	94.006	#450200	219,993
Total Corporation for National Public Community	94.000	#430200	220,235
Description of the second of t			
Department of Homeland Security	07.007		77.004
Homeland Security Preparedness Technical Assistance Program	97.007 97.056		77,334
Port Security Grant Program Homeland Security Advanced Research Projects Agency	94.065		1,919,840 268,950
Homeland Security Advanced Research Projects Agency Homeland Security Testing, Evaluation, & Demonstration of Technologies	97.077		138,707
Homeland Security resulting, Evaluation, & Demonstration of reclinicogies Homeland Security-related Science, Technology, Engineering and Mathematics (HS STEM) Career Development Program	97.104		693
State and Local Homeland Security National Training Program Passed through from:			
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.005	47	60,666
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.005	DELIVERY ORDER 45	25,318
GEORGIA EMERGENCY MANAGEMENT AGENCY/ATLANTA, GA	97.005	DO 44	(4,778)
Centers for Homeland Security			
Passed through from:			
PURDUE UNIVERSITY/WEST LAFAYETTE, IN	97.061	4112-31802	53,222
UNIVERSITY OF MINNESOTA/MINNEAPOLIS, MN	97.061	P001955401	245,679
Homeland Security, Research, Testing, Evaluation, and Demonstration of Technologies			
Passed through from:			
GEMA	97.108	DELIVERY ORDER 42	(2,367)
Total Department of Homeland Security			2,783,263
Total Research and Development-Cluster			515,423,434
Student Financial Assistance-Cluster:			
Department of Education			
Federal Work-Study Program	84.033		514,507
ARRA-Federal Pell Grant Program	84.063		12,177,262
Federal Direct Student Loans	84.268		84,097,104

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
ARRA-Federal Pell Grant Program			
Passed through from:			
ST OF GA GOVERNOR'S OFFICE/ATLANTA, GA	84.063	66IF004	465,265
Total Department of Education			97,254,138
Total Student Financial Assistance-Cluster:		-	97,254,138
Other Programs:			
Department of Commerce			
Economic Development_Technical Assistance	11.303		2,717,762
Economic Adjustment Assistance	11.307		304,300
Trade Adjustment Assistance	11.313		1,257,554
Measurement and Engineering Research and Standards	11.609		18,973
Manufacturing Extension Partnership	11.611		57,251
MBDA Business Center	11.805		373,915
Patent and Trademark Technical Information Dissemination	11.900	_	22,389
Total Department of Commerce			4,752,144
Department of the Army			
Air Force Defense Research Sciences Program	12.800	_	0
Total Department of the Army			0
Department of the Navy			
Basic and Applied Scientific Research			
Passed through from:			
AMEWAS/LEXINGTON PARK, MD	12.300	PO13-01310	46,503
AMEWAS/LEXINGTON PARK, MD	12.300	PO12-00695	108,141
TECOLOTE RESEARCH INC/ COLETA, CA	12.300	TRI13003	4,706
Basic Scientific Research	12.431		
Passed through from:			
JOHNS HOPKINS APPLIED PHYSICS LAB/LAUREL, MD	12.431	PO 110261	4,898
Total Department of the Navy			164,248
Department of the Air Force			
Air Force Defense Research Sciences Program	12.800		526
Air Force Defense Research Sciences Program	12.800		
Passed through from:			
JT3 LLC	12.800	2M12000358	4,790
Total Department of the Air Force			5,316
Department of Defense			
Basic Scientific Research	12.431		9,812
ROTC Language and Culture Training Grants Passed through from:			
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.357	2012-2012-GO-GTECH	343,000
The Language Flagship Grants to Institutions of Higher Education Passed through from:			
INSTITUTE OF INTERNATIONAL EDUCATION/WASHINGTON, DC	12.550	NSEP-U631063-GT-CHN-ROTC	208,880

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Basic, Applied, and Advanced Research in Science and Engineering			
Passed through from:	40.000	A ODEEN ENT DED A /OZ/OOAO	
ICES CORP/FAIRFAX, VA	12.630	AGREEMENT DTD 4/27/2012	29,526
STEVENS INST OF TECHNOLOGY Total Department of Defense	12.630	2009-GT-001	49,312 640,530
Department of the Interior	4= 000		
U.S. Geological Survey-Research and Data Collection	15.808		29,290
Department of Labor			
H-1B Job Training Grants	17.268		269,207
Trade Adjustment Assistance Community College and Career Training			
(TAACCCT) Grants	17.282	<u>-</u>	86,600
Total Department of Labor			355,807
Department of Transportation			
Highway Training and Education	20.215		121,000
Research Grants	20.762		62,360
Passed through from:			
UNIVERSITY OF FLORIDA	20.215	UF-EIES-1200024-GAT	(0
Total Department of Transportation			183,360
National Aeronautics and Space Administration			
Aeronautics	43.002		125,303
Education	43.008		51,465
Cross Agency Support	43.009		2,440
Aeronautics			
Passed through from:			
GA DEPT OF EDUCATION	43.002	CONTRACT DATED 1/4/2010	22,143
JET PROPULSION LAB/CALIFORNIA INST. OF TECH	43.002	1473335	3,411
UNIVERSITY OF IDAHO/MOSCOW, IDAHO	43.002	CK #B1467011 DTD 4/20/10	2,657
Total National Aeronautics and Space Administration		•	207,419
National Science Foundation			
Engineering Grants	47.041		678,602
Mathematical and Physical Sciences	47.049		34,399
Geosciences	47.050		5,334
Computer and Information Science and Engineering	47.070		237,534
Biological Sciences	47.074		7,250
Social, Behavioral, and Economic Sciences	47.075		7,000
Education and Human Resources	47.076		5,219,971
Trans-NSF Recovery Act Reasearch Support	47.082		5,659
Engineering Grants			-,
Passed through from:			
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.041	5710002868	2,000
MASSACHUSETTS INST OF TECH (MIT)/CAMBRIDGE, MA	47.041	PO 4501606574	47,831
STEVENS INST OF TECHNOLOGY/	47.041	LOA DTD 3/28/13	1,123
Mathematical and Physical Sciences	17.047		1,120
Passed through from:			
UNIV OF WASHINGTON/SEATTLE, WA	47.049	745170	1,666
UNIV OF WASHINGTON/SEATTLE, WA	47.049	758363	1,666
ONLY OF WHOMMOTORIOLETTEE, WA	47.049	. 55566	1,000

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
Education and Human Resources			
Passed through from:			
KENNESAW STATE UNIVERSITY/MARIETTA, GA MID-CONTINENT RES FOR EDUCATION AND LEARNING/DENVER,	47.076	431204-12-01	7,561
CO	47.076	8-010	71,718
UNIVERSITY OF GEORGIA/ATHENS, GA	47.076	RR740-010-4940366	5,000
UNIVERSITY OF WEST GEORGIA/CARROLLTON, GA	47.076	197_54GT	82
UNIVERSITY OF WYOMING/LARAMIE, WYOMING	47.076	NSF40243	4,151
TRANS-NSF RECOVERY ACT RESEARCH SUPPORT			
Passed through from:			
KENNESAW STATE UNIVERSITY/MARIETTA, GA	47.082	1157-FY10-01	8,789
Total National Science Foundation			6,347,334
Small Business Administration			
7(j) Technical Assistance	59.007		23,545
Total Small Business Administration			23,545
Department of Enviromental Protection Agency			
Science To Achieve Results (STAR) Fellowship Program	66.514		32,880
Total Department of Enviromental Protection Agency			32,880
Nuclear Regulatory Commission			
U.S. Nuclear Regulatory Commission Scholarship and Fellowship Program	77.008		173,312
Department of Energy			
Nuclear Energy Research, Development and Demonstration	81.121		298,250
Office of Science Financial Assistance Program			
Passed through from:			
BATTELLE SCHOLARSHIP	81.049		5,000
Krell Institute	81.049		114,250
SANDIA NATL LABS/SANDIA CORP	81.049	1155042	46,368
SANDIA NATL LABS/SANDIA CORP	81.049	1274813	8,136
UT BATTELLE LLC/OAK RIDGE NATL LAB - TN	81.049		1,952
Fossil Energy Research and Development Total Department of Energy			473,957
Department of Education			
Fund for the Improvement of Postsecondary Education	84.116		95,380
National Institute on Disability and Rehabilitation Research	84.133		518,717
Graduate Assistance in Areas of National Need	84.200		547,128
Assistive Technology	84.224		570,680
Rehabilitation Services Demonstration and Training Programs	84.235		8,507
Fund for Assistive Technology	04.200		6,507
Passed through from:			
REHABILITIVE ENGR & ASSISTIVE TECH SOCIETY OF			
NA/ARLINGTON, VA	84.224	AGMT DTD 3/25/14	5,026

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Federal Grantor/Pass-Though Grantor/Cluster or Program Title	Federal CFDA Number	Pass-through Entity ID Number	Federal Expenditures
			•
Improving Teacher Quality State Grants			
Passed through from:			
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	RH216-309/4943086	6
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	RH216-320/4944066	37,981
UNIVERSITY OF GEORGIA/ATHENS, GA	84.367	RH216-320/4944076	22,245
Fund for Assistive Technology			
Passed through from:			
BOR OF THE UNIVERSITY SYSTEM OF GEORGIA	84.378	P378A090009	(108)
BOR OF THE UNIVERSITY SYSTEM OF GEORGIA	84.378	P378A110009	1,141,258
BOR OF THE UNIVERSITY SYSTEM OF GEORGIA	84.378	P378A120009	2,720,137
ARRA-State Fiscal Stabilization Fund (SFSF) - Race-to-the-Top Incentive Grants, Recovery Act			
Passed through from:			
GA DEOT OF EDUCATION	84.395	ADVANCE PROJECT	1,756,911
THE MUSEUM SCHOOL/AVONDALE,GA	84.395	#120582	19,773
Total Department of Education			7,443,642
Department of Health and Human Services			
Health Program for Toxic Substances and Disease Registry	93.161		34,031
Research Related to Deafness and Communication Disorders	93.173		13,678
Human Health Studies_Applied Research and Development	93.206		24.666
Cardiovascular Diseases Research	93.837		13,678
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853		55,053
Biomedical Research and Research Training	93.859		365,486
Aging Research	93.866		218,686
			•
Special Projects of National Significance Discovery and Applied Research for Tech Innovations to Improve Human Health	93.928		117,738
· · · · · · · · · · · · · · · · · · ·			
Passed through from:	02.206	1R90DA033462-01	1 006
BME-Emory NIH	93.286		1,836
BME-Emory NIH	93.286	1T90DA032466-01	117,972
National Center for Advancing Translational Sciences			
Passed through from: AMERICAN PUBLIC HEALTH ASSOCIATION			
(APHA)/WASHINGTON, DC	93.331	AGMT ENTERED INTO ON 1/6/14	17,643
ARRA-Health Information Technology Regional Extension Centers Program			,
Passed through from:			
MOREHOUSE SCHOOL OF MEDICINE COLLEGE/ ATLANA, GA	93.718	172910GT	351,910
Total Department of Health and Human Services	33.7 10		1,332,378
Total Department of Health and Human Services			1,332,376
Corporation for National and Community Service			
AmeriCorps			
Passed through from:			
JUMPSTART FOR YOUNG CHILDREN/ATLANTA, GA	94.006	550200	(88)
JUMPSTART FOR YOUNG CHILDREN/ATLANTA, GA	94.006	JS-SITE #55	93
Total Corporation for National Community Service			5
Total Other Programs		_	22,165,166
		_	
Total Expenditures of Federal Awards		•	63/1 8/12 739
Total Expenditures of Federal Awards		\$	634,842,73

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, 2014

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 *OMB Circular A-133*, *Audits of States, Local Governments, and Non-Profit Organizations*. 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.

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, 2014, GIT disbursed \$84,097,104 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, 2014, 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 \$6,815,014 as of June 30, 2014.

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.

Note 5 - Subrecipients

Of the federal expenditures presented in the Schedule of Expenditures of Federal Awards, Georgia Tech Research Corporation, Georgia Tech Applied Research Corporation, and GIT provided federal awards to subrecipients as follows:

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

	Federal CFDA Number	Amount Provided to Subrecipients
Research and Development-Cluster:		
Agriculture and Food Research Initiative (AFRI)	10.310	7,840.96
Geodetic Surveys and Services (Geodesy and Applications of the National Geodetic Reference System)	11.400	5,855.78
Climate and Atmospheric Research	11.431	22,734.42
Basic and Applied Scientific Research	12.300	5,900,739.68
Military Medical Research and Development	12.420	90,101.68
Basic Scientific Research	12.420	10,228,158.04
Basic, Applied, and Advanced Research in Science and Engineering	12.431	5,016,568.22
Air Force Defense Research Sciences Program	12.800	33,942,043.45
Information Security Grant Program	12.902	144,805.17
Research and Technology Development	12.910	230,764.23
Research Grants (Generic)	15.650	889,134.00
Assistance to State Water Resources Research Institutes	15.805	6,261.08
Edward Byrne Memorial Justice Assistance Grant Program	16.738	17,163.18
Aviation Research Grants	20.109	3,756.79
Highway Research and Development Program	20.200	20,637.90
Public Transportation Research	20.514	51,274.03
University Transportation Centers Program	20.701	828,582.28
Research Grants	20.762	94,840.00
Sale of Federal Surplus Personal Property	39.007	-25,000.00
Science	43.001	660,206.54
Aeronautics	43.001	542,861.20
	43.002	,
Exploration Cross Agency Support		105,926.49
Cross Agency Support	43.009	110,392.38
National Leadership Grants Engineering Crapts	45.312	25,653.74
Engineering Grants Mathematical and Physical Sciences	47.041 47.049	894,110.32
Geosciences	47.049	1,167,934.75
		44,126.58
Computer and Information Science and Engineering	47.070 47.075	156,707.23
Social, Behavioral, and Economic Sciences Education and Human Resources	47.075 47.076	59,036.45
		225,781.69
Office of Cyberinfrastructure	47.080	446,564.80
Trans-NSF Recovery Act Reasearch Support	47.082	3,770.86
Surveys, Studies, Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Activities Relating to the Clean Air Activities Research, Investigations, Demonstrations, and Special Purpose Activities Relating to the Clean Air Activi		146,289.14
Science To Achieve Results (STAR) Research Program	66.509	79,225.40
Office of Science Financial Assistance Program	81.049	1,342,585.46
Renewable Energy Research and Development	81.087	312,942.90
Fossil Energy Research and Development	81.089	170,511.05
Defense Nuclear Nonproliferation Research	81.113	133,263.77
Advanced Research and Projects Agency – Energy Financial Assistance Program	81.135	769,760.77
National Institute on Disability and Rehabilitation Research	84.133	559,964.14
Education Research, Development and Dissemination	84.305	57,946.87
Research in Special Education	84.324	35,714.90
Education Technology State Grants, Recovery Act	84.386	17,076.49
U.S. Election Assistance Commission Research Grants	90.403	30,000.00
Innovations in Applied Public Health Research	93.061	17,969.25
Food and Drug Administration_Research	93.103	481,968.61
Health Program for Toxic Substances and Disease Registry	93.121	164,639.51
Health Program for Toxic Substances and Disease Registry	93.161	43,845.00
Discovery and Applied Research for Technological Innovations to Improve Human Health	93.286	668,954.39
Trans-NIH Research Support	93.310	66,892.50
Cancer Cause and Prevention Research	93.393	15,957.61
Cancer Detection and Diagnosis Research	93.394	46,785.00
Cancer Treatment Research	93.395	236,446.49
Cardiovascular Diseases Research	93.837	2,988,233.53
Blood Diseases and Resources Research	93.839	84,339.05
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	159,932.02

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

THE TEAN ENDED SOME SO, 2014	Federal CFDA Number	Amount Provided to Subrecipients
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	147,294.56
Extramural Research Programs in the Neurosciences and Neurological Disorders	93.853	64,064.52
Allergy, Immunology and Transplantation Research	93.855	619,653.52
Biomedical Research and Research Training	93.859	498,624.61
Aging Research	93.866	15,078.89
Vision Research	93.867	2,112,825.68
nternational Research and Research Training	93.989	312,865.01
Port Security Grant Program	97.056	2,729,644.06
Subtotal Amount Provided to Subrecipients (R & D Cluster)		77,050,629
Other Programs:		
Trade Adjustment Assistance	11.313	378,759
H-1B Job Training Grants	17.268	173,753
Aeronautics	43.002	349,075
Engineering Grants	47.041	391,937
Mathematical and Physical Sciences	47.049	140,098
Education and Human Resources	47.076	113,400
National Institute on Disability and Rehabilitation Research	84.133	115,833
Fund for Assistive Technology	84.224	261,475
ARRA-Health Information Technology Regional Extension Centers Program	84.378	1,323,660
	93.718	25,200
Subtotal Amount Provided to Subrecipients (Other Programs)		3,273,190
Total Amount Provided to Subrecipients		80,323,819

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

FOR THE YEAR ENDED JUNE 30, 2014

I. Summary of the Auditor's Results

<u>Financial Statements – Georgia Tech Research Corporation and Georgia Tech Applied Research Corporation</u>

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, 2014, 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 16, 2014.

A significant deficiency in internal control over financial reporting was identified 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* and reported by the State of Georgia Department of Audits and Accounts. See finding FS-503-14-01 reported in financial statement findings

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 *OMB Circular A-133* were reported as a result of the audit.

The audit disclosed no findings required to be reported in accordance with *OMB Circular A-133*, Section 520(a).

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

FOR THE YEAR ENDED JUNE 30, 2014

I. Summary of the Auditor's Results - Continued

Identification of Major Programs

The programs tested as major program were:

CFDA #	Name of Federal Program
Various 47.076	Research and Development Cluster Education and Human Resources
84.395	State Fiscal Stabilization Fund

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 Tech Research Corporation, Georgia Tech Applied Research Corporation

None

Financial Statement Finding - Georgia Institute of Technology

The State of Georgia Department of Audits and Accounts audits the Georgia Institute of Technology. The following financial statement finding was included in their report issued December 16, 2014.

FS-503-14-01 Inadequate Internal Controls over Research Labs

Control Category: Accounting Controls (Overall) Internal Control Impact: Significant Deficiency

Description:

An internal audit over the Advanced Concepts Laboratory (ACL) within Georgia Tech Research Institute (GTRI) noted the intentional circumvention of established procedures and compliance with GTRI and Georgia Institute of Technology requirements.

Criteria:

The Institute's management is responsible for designing, maintaining and monitoring procedures and requirements over the revenues and expenses associated with GTRI to provide reasonable assurance that transactions are valid and are in line with the Institute's objectives.

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

FOR THE YEAR ENDED JUNE 30, 2014

Condition:

Several issues were noted associated with the ACL and GTRI within the internal audit, including the following:

- The audit revealed that when purchasing concerns were raised regarding proper procedures or practices within the ACL and other GTRI labs, the accounting and finance staff were not supported by lab and/or senior GTRI management.
- Some researchers claimed that purchases were for "classified" contracts to deter the audit, accounting and financial oversight.
- Conflicts of Interest as prescribed by Institute policy 5.6.4 Disclosure of Real or Potential Conflicts of Interest were intentionally not disclosed by employees.
- ACL was not following GTRI's policies for the use of overages resulting from Firm-Fixed Price contracts.

The Internal Audit findings noted that the majority (90%) of the unallowable cost on sponsored research occurred prior to the fiscal year ended June 30, 2014.

Questioned Cost:

Total unallowable cost of \$518,025 was discovered, which occurred during fiscal years 2009 through 2014. Total unallowable cost is considered immaterial to the financial statements.

Cause:

In discussing these conditions with Institute personnel, they stated that there was an absence of appropriate support, tone and messaging related to compliance, contributing to an environment in which various "red flags" for malfeasance were not adequately addressed.

Effect

Without the requisite managerial support for satisfactory controls and procedures in place at GTRI, the Institute placed itself in a position where misappropriation of assets occurred.

Recommendation:

At the time of issuance of the audit report, Institute management has implemented additional controls to further mitigate risk in the areas identified, including changes in reporting structures and multiple changes in personnel.

Views of Responsible Officials and Corrective Action Plans:

Management concurs with this finding and recommendation. The issues noted were initially identified through the Institute's system of financial controls and principle-based accountability standards. Management has since engaged in an aggressive and proactive approach to improve processes related to the management and oversight of sponsored programs. Additional controls have been implemented to mitigate risk in the areas identified including the development of new policies, changes in reporting structures and multiple changes in personnel. Corrective actions noted in the internal audit report outline specific measures that are being implemented on schedule and as planned. Action steps related to the "Condition" noted herein will be completed by June 30, 2015.

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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, 2014

III. Federal Award Findings and Questioned Costs

None