

STATE BOARD OF ACCOUNTS
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INDIANAPOLIS, INDIANA 46204-2769

FEDERAL SINGLE AUDIT REPORT

PURDUE UNIVERSITY

WEST LAFAYETTE, INDIANA

July 1, 2017 to June 30, 2018



FILED
03/21/2019

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SCHEDULE OF UNIVERSITY OFFICIALS

<u>Office</u>	<u>Official</u>	<u>Term</u>
President	Mitchell E. Daniels, Jr.	07-01-17 to 06-30-19
Treasurer and Chief Financial Officer	William E. Sullivan	07-01-17 to 06-30-19
Senior Vice President and Assistant Treasurer	James S. Almond	07-01-17 to 06-30-19
Executive Vice President for Research and Partnerships	Suresh Garimella	07-01-17 to 06-30-19
Chairman of the Board of Trustees	Michael R. Berghoff	07-01-17 to 06-30-19



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INDEPENDENT AUDITOR'S REPORT ON SCHEDULE OF EXPENDITURES
OF FEDERAL AWARDS REQUIRED BY THE UNIFORM GUIDANCE

TO: THE OFFICIALS OF PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA

We have audited the financial statements of the business-type activities and the aggregate discretely presented component units of Purdue University (University), a component unit of the State of Indiana, as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 25, 2018, which contained unmodified opinions on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to October 25, 2018. Our report includes a reference to other auditors who audited the financial statements of the Purdue Research Foundation (Foundation) and Purdue University Global, Inc. (Purdue Global), as described in our report on the University's financial statements.

The University's basic financial statements include the operations of Purdue Global, a blended component unit. Purdue Global expended \$111,130,085 in federal awards that are reported separately, and are not included in the University's Schedule of Expenditures of Federal Awards for the year ended June 30, 2018. Other auditors were engaged to perform audit procedures on Purdue Global's Schedule of Expenditures of Federal Awards and, accordingly, this report does not include the results of those audit procedures.

The accompanying Schedule of Expenditures of Federal Awards is presented for purposes of additional analysis as required by the Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the 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, as a whole.

Paul D. Joyce
Paul D. Joyce, CPA
State Examiner

October 25, 2018



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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 FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

TO: THE OFFICIALS OF PURDUE UNIVERSITY, WEST LAFAYETTE, INDIANA

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 the aggregate discretely presented component units of Purdue University (University), a component unit of the State of Indiana, as of and for the year ended June 30, 2018, and the related notes to the financial statements, which collectively comprise the University's basic financial statements and have issued our report thereon dated October 25, 2018. Our report includes references to other auditors who audited the financial statements of the Purdue Research Foundation (Foundation) and Purdue University Global, Inc., as described in our report on the University's financial statements. The financial statements of the Foundation were not audited in accordance with *Government Auditing Standards*. This report does not include the results of the other auditors' testing of internal control over financial reporting or compliance and other matters that are reported on separately by those auditors.

Internal Control over Financial Reporting

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


INDEPENDENT AUDITOR'S REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL
STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*
(Continued)

Compliance and Other Matters

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

Purpose of This Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University'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 University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.


Paul D. Joyce, CPA
State Examiner

October 25, 2018



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INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL
PROGRAM AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE

TO: THE OFFICIALS OF PURDUE UNIVERSITY, WEST LAFAYETTE COUNTY, INDIANA

Report on Compliance for Each Major Federal Program

We have audited Purdue University's (University) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2018. The University'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 Federal statutes, regulations, and the terms and conditions of its Federal awards applicable to its federal programs.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above. 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 the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether 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 University'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 University's compliance.

Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the types of 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, 2018.

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL
PROGRAM AND REPORT ON INTERNAL CONTROL OVER COMPLIANCE
(Continued)

Other Matters

The results of our auditing procedures disclosed instances of noncompliance, which are required to be reported in accordance with the Uniform Guidance and which are described in the accompanying Schedule of Findings and Questioned Costs as item 2018-001. Our opinion on each major federal program is not modified with respect to these matters.

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

Report on Internal Control over Compliance

Management of the University 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 University'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 our opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University'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 combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, we identified certain deficiencies in internal control over compliance, as described in the accompanying Schedule of Findings and Questioned Costs as item 2018-001, that we consider to be significant deficiencies.

The University's response to the internal control over compliance finding identified in our audit is described in the accompanying Corrective Action Plan. The University's response was not subjected to the auditing procedures applied in the audit of compliance and, accordingly, we express no opinion on the response.

INDEPENDENT AUDITOR'S REPORT ON COMPLIANCE FOR EACH MAJOR FEDERAL
PROGRAM; REPORT ON INTERNAL CONTROL OVER COMPLIANCE
(Continued)

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


Paul D. Joyce, CPA
State Examiner

March 14, 2019

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS AND ACCOMPANYING NOTES

The Schedule of Expenditures of Federal Awards and accompanying notes presented were prepared by management of the University. The schedule and notes are presented as intended by the University.

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
<i>Direct Programs by CFDA</i>										
10.001	Agricultural Research_Basic and Applied Research	-	1,803,480	91,342	-	-	35,500	-	1,838,980	91,342
10.025	Plant and Animal Disease, Pest Control, and Animal Care	-	698,346	-	-	-	202,423	-	900,769	-
10.028	Wildlife Services	-	82,405	-	-	-	-	-	82,405	-
10.156	Federal-State Marketing Improvement Program	-	49,718	3,264	-	-	-	-	49,718	3,264
10.163	Market Protection and Promotion	-	-	-	-	-	58,516	-	58,516	-
10.170	Specialty Crop Block Grant Program - Farm Bill	-	99,166	-	-	-	-	-	99,166	-
10.200	Grants for Agricultural Research, Special Research Grants	-	297,364	136,363	-	-	-	-	297,364	136,363
10.202	Cooperative Forestry Research	-	4,425	-	-	-	994,346	-	998,771	-
10.203	Payments to Agricultural Experiment Stations Under the Hatch Act	-	-	-	-	-	6,682,830	-	6,682,830	-
10.207	Animal Health and Disease Research	-	-	-	-	-	1,493,629	-	1,493,629	-
10.210	Food and Agricultural Sciences National Needs Graduate Fellowship Grants	-	-	-	-	-	16,720	-	16,720	-
10.217	Higher Education Challenge Grants	-	6,653	-	-	-	177,847	96,411	184,500	96,411
10.219	Biotechnology Risk Assessment Research	-	34,747	15,624	-	-	-	-	34,747	15,624
10.220	Higher Education Multicultural Scholars Program	-	-	-	-	-	96,720	-	96,720	-
10.226	Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	-	9,031	-	-	-	74,269	-	83,300	-
10.250	Agricultural and Rural Economic Research	-	63,685	-	-	-	-	-	63,685	-
10.253	Consumer Data and Nutrition Research	-	43,706	-	-	-	-	-	43,706	-
10.255	Research Innovation and Development Grants in Economics (RIDGE)	-	35,733	5,004	-	-	-	-	35,733	5,004
10.304	Homeland Security_Agricultural	-	-	-	-	-	520,411	147,602	520,411	147,602
10.307	Organic Agriculture Research and Extension Initiative	-	433,607	124,677	-	-	-	-	433,607	124,677
10.309	Specialty Crop Research Initiative	-	839,127	276,083	-	-	-	-	839,127	276,083
10.310	Agriculture and Food Research Initiative	-	4,764,536	1,523,332	-	-	201,653	-	4,966,189	1,523,332
10.311	Beginning Farmer and Rancher Development Program	-	-	-	-	-	205,624	2,267	205,624	2,267
10.318	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	-	31,764	-	-	-	-	-	31,764	-
10.329	Crop Protection and Pest Management Competitive Grants Program	-	68,605	25,097	-	-	311,500	-	380,105	25,097
10.407	Farm Ownership Loans	-	-	-	-	-	38,611	-	38,611	-
10.475	Cooperative Agreements with States for Intrastate Meat and Poultry Inspection	-	-	-	-	-	27,708	-	27,708	-
10.500	Cooperative Extension Service	-	273,336	52,702	-	-	13,003,807	974,947	13,277,143	1,027,649
10.652	Forestry Research	-	226,557	-	-	-	-	-	226,557	-
10.680	Forest Health Protection	-	88,380	-	-	-	40,870	15,155	129,250	15,155
10.777	Norman E. Borlaug International Agricultural Science and Technology Fellowship	-	22,338	-	-	-	7,785	-	30,123	-
10.868	Rural Energy for America Program	-	-	-	-	-	35,526	-	35,526	-
10.902	Soil and Water Conservation	-	146,628	-	-	-	-	-	146,628	-

* denotes major programs
 ***denotes pass-through agency

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
10.903	Soil Survey	-	142,718	26,624	-	-	-	-	142,718	26,624
10.912	Environmental Quality Incentives Program	-	3,779	-	-	-	-	-	3,779	-
10.960	Technical Agricultural Assistance	-	4,438	-	-	-	240,019	92,383	244,457	92,383
10.RD	U.S. Department of Agriculture	E17-19	12,504	-	-	-	-	-	12,504	-
10.U00	U.S. Department of Agriculture	17012707	-	-	-	-	(529)	-	(529)	-
10.U01	U.S. Department of Agriculture	ISPA	-	-	-	-	312,888	-	312,888	-
Total Direct Programs			10,286,776	2,280,112	-	-	24,718,873	1,328,765	35,005,449	3,608,877
<i>Pass-Through Grantors by CFDA</i>										
10.001	Agricultural Research, Basic and Applied Research Grantor: *** Agricultural Research Service	59-5020-7-003	1,322	-	-	-	-	-	1,322	-
		59-5020-7-004	6,315	-	-	-	-	-	6,315	-
		59-5020-6-003	16,625	-	-	-	-	-	16,625	-
		59-5020-7-002	29,924	-	-	-	-	-	29,924	-
		17111615 NTP	18,092	-	-	-	-	-	18,092	-
		59-5020-8-002	3,255	-	-	-	-	-	3,255	-
		59-3655-2-529	382	-	-	-	-	-	382	-
		59-5020-7-001	99,057	-	-	-	-	-	99,057	-
		Total CFDA No. 10.001	174,972	-	-	-	-	-	174,972	-
10.025	Plant and Animal Disease, Pest Control, and Animal Care Grantor: *** Cornell University	81230-10953	6,881	-	-	-	-	-	6,881	-
		EDS# E4-16-KP0002	(1,154)	-	-	-	-	-	(1,154)	-
		CONTRACT ID 23151	52,124	-	-	-	-	-	52,124	-
		NTP18090219	42,845	-	-	-	-	-	42,845	-
		*** In Department Of Natural Resources Total	100,696	-	-	-	-	-	100,696	-
		USDA-2017-1	9,180	-	-	-	-	-	9,180	-
		USDA1718-1	26,680	-	-	-	-	-	26,680	-
		*** Xavier University Total	35,860	-	-	-	-	-	35,860	-
		Total CFDA No. 10.025	136,556	-	-	-	-	-	136,556	-
10.170	Specialty Crop Block Grant Program - Farm Bill Grantor: *** In State Department Of Agriculture	A337-17-SCBG-106	13,335	-	-	-	-	-	13,335	-
		CONTRACT ID 24216	36,885	-	-	-	-	-	36,885	-
		EDS# A337-16-SCBG-15-003	25,508	-	-	-	-	-	25,508	-
		A337-17-SCBG-105	23,645	-	-	-	-	-	23,645	-
		A337-17-SCBG-101	5,030	-	-	-	-	-	5,030	-
		EDS# A337-16-SCBG-15-004	40,245	-	-	-	-	-	40,245	-

* denotes major programs
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The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
		CONTRACT ID 24214	16,070	-	-	-	-	-	-	16,070
		EDS# A337-15-SCBG-14-006	15,860	-	-	-	-	-	-	15,860
		CONTRACT ID 24218	16,822	-	-	-	-	-	-	16,822
		CONTRACT ID 24217	3,104	-	-	-	-	-	-	3,104
		*** In State Department Of Agriculture Total	196,504	-	-	-	-	-	-	196,504
		Grantor: *** Indiana University	11,597	-	-	-	-	-	-	11,597
		Total CFDA No. 10.170	208,101	-	-	-	-	-	-	208,101
10.171		Organic Certification Cost Share Programs								
		Grantor: *** In State Department Of Agriculture	750	-	-	-	-	-	-	750
		Total CFDA No. 10.171	750	-	-	-	-	-	-	750
10.200		Grants for Agricultural Research, Special Research Grants								
		Grantor: *** Colorado State University	10	-	-	-	-	-	-	10
		Grantor: *** Iowa State University	9,714	-	-	-	-	-	-	9,714
		Grantor: *** Iowa State University	3,072	-	-	-	-	-	-	3,072
		*** Iowa State University Total	12,786	-	-	-	-	-	-	12,786
		Grantor: *** Michigan State University	4,402	-	-	-	-	-	-	4,402
		Total CFDA No. 10.200	17,198	-	-	-	-	-	-	17,198
10.202		Cooperative Forestry Research								
		Grantor: *** State of New Hampshire	(24)	-	-	-	-	-	-	(24)
		Total CFDA No. 10.202	(24)	-	-	-	-	-	-	(24)
10.212		Small Business Innovation Research								
		Grantor: *** Novateur Research Solutions LLC	17,763	-	-	-	-	-	-	17,763
		Total CFDA No. 10.212	17,763	-	-	-	-	-	-	17,763
10.215		Sustainable Agriculture Research and Education								
		Grantor: *** University Of Minnesota	17,033	-	-	-	-	-	-	17,033
		Grantor: *** University Of Minnesota	20,558	-	-	-	-	-	-	20,558
		Grantor: *** University Of Minnesota	-	-	-	-	62,433	-	-	62,433
		Grantor: *** University Of Minnesota	39,185	-	-	-	-	-	-	39,185
		Grantor: *** University Of Minnesota	19,787	-	-	-	-	-	-	19,787
		Grantor: *** University Of Minnesota	-	-	-	-	36,582	-	-	36,582
		Grantor: *** University Of Minnesota	16,294	-	-	-	-	-	-	16,294
		Grantor: *** University Of Minnesota	583	-	-	-	-	-	-	583
		Grantor: *** University Of Minnesota	7,863	-	-	-	-	-	-	7,863
		Grantor: *** University Of Minnesota	22,923	-	-	-	-	-	-	22,923
		*** University Of Minnesota Total	144,226	-	-	-	99,015	-	-	243,241
		Total CFDA No. 10.215	144,226	-	-	-	99,015	-	-	243,241

* denotes major programs
 ***denotes pass-through agency
 The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

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Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
10.217	Higher Education Challenge Grants									
	Grantor: *** Texas A&M University	06-S150646	-	-	-	-	44,207	-	44,207	-
	Grantor: *** University Of Illinois	2013-04368-01 (AA633)	364	-	-	-	-	-	364	-
	Total CFDA No. 10.217		364	-	-	-	44,207	-	44,571	-
10.219	Biotechnology Risk Assessment Research									
	Grantor: *** Rice University	R19322	1,463	-	-	-	-	-	1,463	-
	Total CFDA No. 10.219		1,463	-	-	-	-	-	1,463	-
10.303	Integrated Programs									
	Grantor: *** In Univ Purdue Univ At Indianapolis	IU-4394216-PU	15,990	-	-	-	-	-	15,990	-
	Grantor: *** University Of Connecticut	76427	99,070	-	-	-	-	-	99,070	-
	Total CFDA No. 10.303		115,060	-	-	-	-	-	115,060	-
10.304	Homeland Security_Agricultural									
	Grantor: *** Michigan State University	RC106556E	52,871	-	-	-	-	-	52,871	-
	Total CFDA No. 10.304		52,871	-	-	-	-	-	52,871	-
10.307	Organic Agriculture Research and Extension Initiative									
	Grantor: *** Michigan State University	RC106531A	47,292	-	-	-	-	-	47,292	-
	Total CFDA No. 10.307		47,292	-	-	-	-	-	47,292	-
10.309	Specialty Crop Research Initiative									
	Grantor: *** Texas A&M AgriLife Research	06-M1703517	1,854	-	-	-	-	-	1,854	-
	Grantor: *** University Of Minnesota	H006335003	46,082	-	-	-	-	-	46,082	-
	Total CFDA No. 10.309		47,936	-	-	-	-	-	47,936	-
10.310	Agriculture and Food Research Initiative									
	Grantor: *** Agricultural Research Service	59-3602-4-004	16,404	-	-	-	-	-	16,404	-
		59-3602-4-002	2,784	-	-	-	-	-	2,784	-
		59-8040-5-001	34,507	-	-	-	-	-	34,507	-
	*** Agricultural Research Service Total		53,695	-	-	-	-	-	53,695	-
	Grantor: *** Iowa State University	416-17-01G	(10,283)	-	-	-	45,741	-	35,458	-
	Grantor: *** Kansas State University	S15170	68,584	-	-	-	-	-	68,584	-
		S16156	39,887	-	-	-	-	-	39,887	-
		S11203	7	-	-	-	-	-	7	-
	*** Kansas State University Total		108,478	-	-	-	-	-	108,478	-
	Grantor: *** Pennsylvania State University	5237-PU-USDA-3509	(3,705)	-	-	-	-	-	(3,705)	-
	Grantor: *** South Dakota State University	3TE462	187,682	-	-	-	-	-	187,682	-

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**Purdue University
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CFDA No.	Grantor	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
10.311	Grantor: *** Tuskegee University	36 22091 424 76190		29,192	-	-	-	-	-	29,192	-
				34,228	-	-	-	-	-	34,228	-
				17,988	-	-	-	-	-	17,988	-
				31,653	-	-	-	-	-	31,653	-
				6,253	-	-	-	-	-	6,253	-
				80,046	-	-	-	-	-	80,046	-
	Total CFDA No. 10.310			535,223	-	-	-	45,741	-	580,964	-
10.311	Grantor: *** Farmer/Veteran Coalition	16122170		-	-	-	-	16,507	-	16,507	-
										16,507	
10.329	Grantor: *** Univ Of Illinois At Champaign-Urbana	076332-16669		4,537	-	-	-	-	-	4,537	-
				4,537	-	-	-	-	-	4,537	-
10.352	Grantor: *** Mississippi State University	018000.340753.01		-	-	-	-	19,716	-	19,716	-
				28,889	-	-	-	-	-	28,889	-
	Total CFDA No. 10.329			28,889	-	-	-	19,716	-	48,605	-
10.500	Grantor: *** National Inst of Food & Agriculture	13-48762-21537		44,001	-	-	-	-	-	44,001	-
				2,764	-	-	-	-	-	2,764	-
	Total CFDA No. 10.352			28,889	-	-	-	19,716	-	48,605	-
10.500	Grantor: *** Illinois Cooperative Extension Service	14098242; IL 008250		44,001	-	-	-	-	-	44,001	-
				1,874	-	-	-	-	-	1,874	-
				24,389	-	-	-	-	-	24,389	-
				26,263	-	-	-	-	-	26,263	-
				29,223	-	-	-	-	-	29,223	-
				229	-	-	-	-	-	229	-
	Total CFDA No. 10.500			73,224	-	-	-	1,295,897	-	1,369,121	-

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Child Nutrition Cluster										
10.559	Summer Food Service Program for Children		-	-	-	-	-	-	-	-
	Grantor: *** In Department Of Education	17100517	-	-	-	-	8,743	-	-	8,743
	Total CFDA No. 10.559		-	-	-	-	8,743	-	-	8,743
	Total Child Nutrition Cluster		-	-	-	-	8,743	-	-	8,743
SNAP Cluster										
10.561*	State Admin Matching Grants for the Supplemental Nutrition Assistance Program		-	-	-	-	-	-	-	-
	Grantor: *** In Family & Social Services Admin	CONTRACT# 18261	-	-	-	-	7,177,904	-	-	7,177,904
		F1-8-79-08-LR-0374	-	-	-	-	-	2	-	2
	*** In Family & Social Services Admin Total		-	-	-	-	7,177,906	-	-	7,177,906
	Total CFDA No. 10.561		-	-	-	-	7,177,906	-	-	7,177,906
	Total SNAP Cluster		-	-	-	-	7,177,906	-	-	7,177,906
10.652	Forestry Research		49,608	-	-	-	-	-	-	49,608
	Grantor: *** US Endowment Forestry Communities	E16-50	-	-	-	-	-	-	-	-
	Total CFDA No. 10.652		49,608	-	-	-	-	-	-	49,608
10.890	Rural Development Cooperative Agreement Program		26,089	-	-	-	-	-	-	26,089
	Grantor: *** Mississippi State University	018000.340877.04	-	-	-	-	-	-	-	-
	Total CFDA No. 10.890		26,089	-	-	-	-	-	-	26,089
10.902	Soil and Water Conservation		12,538	-	-	-	-	-	-	12,538
	Grantor: *** Agricultural Research Service	59-5030-6-004	-	-	-	-	-	-	-	-
	Grantor: *** Conservation Technology Information Ctr	68-3AY5-14-304	53,906	-	-	-	-	-	-	53,906
	Grantor: *** In Assoc of Soil & Water Conserv Dist	15087816	96,649	-	-	-	-	-	-	96,649
	Grantor: *** University of Wisconsin	PURDUE_16100055	44,677	-	-	-	-	-	-	44,677
	Total CFDA No. 10.902		207,770	-	-	-	-	-	-	207,770
10.912	Environmental Quality Incentives Program		-	-	-	-	44,349	-	-	44,349
	Grantor: *** Conservation Technology Information Ctr	13109145	-	-	-	-	-	-	-	-
	Grantor: *** Farm Foundation	693A7516007	-	-	-	-	58,661	-	-	58,661
	Total CFDA No. 10.912		-	-	-	-	103,010	-	-	103,010
10.RD	U.S. Department of Agriculture		123,570	40,691	-	-	-	-	-	164,261
	Grantor: *** P3 Nano	P3-1	-	-	-	-	-	-	-	-
		P3-3	132,540	-	-	-	-	-	-	132,540

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	*** P3 Nano Total		256,110	40,691	-	-	-	-	256,110	40,691
	Total CFDA No. 10.RD		256,110	40,691	-	-	-	-	256,110	40,691

Total Pass-Through Grantors			2,145,978	40,691	-	-	8,810,742	-	10,956,720	40,691
Total Department of Agriculture			12,432,754	2,320,803	-	-	33,539,415	1,328,765	45,962,169	3,649,568

Department of Commerce

Direct Programs by CFDA

11.001	Census Bureau Data Products	-	140,561	22,807	-	-	-	-	140,561	22,807
11.303	Economic Development_ Technical Assistance	-	158,742	42,429	-	-	-	-	158,742	42,429
11.417	Sea Grant Support	-	14,595	14,595	-	-	38,183	-	52,778	14,595
11.459	Weather and Air Quality Research	-	50,224	-	-	-	-	-	50,224	-
11.609	Measurement and Engineering Research and Standards	-	407,385	-	-	-	7,361	-	414,746	-
11.611	Manufacturing Extension Partnership	-	2,802,432	-	-	-	(4,912)	-	2,797,520	-
11.619	Arrangements for Interdisciplinary Research Infrastructure	-	2,855	-	-	-	-	-	2,855	-
11.620	Science, Technology, Business and/or Education Outreach	-	20,169	-	-	-	6,049	-	26,218	-
11.RD	U.S. Department of Commerce	IP1401	32,373	-	-	-	-	-	32,373	-
11.U00	U.S. Department of Commerce	NTP-18100911	-	-	-	-	7,845	-	7,845	-
Total Direct Programs			3,629,336	79,831	-	-	54,526	-	3,683,862	79,831

Pass-Through Grantors by CFDA

11.417	Sea Grant Support									
Grantor: *** Univ Of Illinois At Champaign-Urbana	074483-15948		84,505	-	-	-	-	-	84,505	-
	074483-15949		125,860	81,526	-	-	-	-	125,860	81,526
*** Univ Of Illinois At Champaign-Urbana Total			210,365	81,526	-	-	-	-	210,365	81,526
Grantor: *** University Of Illinois	2014-06610-01		-	-	-	-	13,039	-	13,039	-
	2014-02342-01 15036		4,683	-	-	-	450,962	-	455,645	-
*** University Of Illinois Total			4,683	-	-	-	515,602	-	520,285	-
Grantor: *** University Of Wisconsin-Madison	695K693		-	-	-	-	156	-	156	-
Total CFDA No. 11.417			215,048	81,526	-	-	515,758	-	730,806	81,526

11.419	Coastal Zone Management Administration Awards									
Grantor: *** In Department Of Natural Resources	EDS# E16-5-MK100427		(2,675)	-	-	-	-	-	(2,675)	-

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		EDS# E16-C-KMA0521	12,925	-	-	-	-	-	-	12,925	
		EDS# E16-C-KMA0522	1,469	-	-	-	-	-	-	1,469	
		EDS# E16-C-KMA0523	(6)	-	-	-	-	-	-	(6)	
		*** In Department Of Natural Resources Total	11,513	-	-	-	-	-	-	11,513	
	Total CFDA No.	11,479	11,513	-	-	-	-	-	-	11,513	
11.432	Office of Oceanic and Atmospheric Research (OAR) Joint and Cooperative Institute										
	Grantor: *** Regents Of The Univ Of Michigan, The	PO 3004178130	-	-	-	-	45,666	-	-	45,666	
	Total CFDA No.	11,432	-	-	-	-	45,666	-	-	45,666	
11.609	Measurement and Engineering Research and Standards										
	Grantor: *** State University Of New York	13-10	226,290	-	-	-	-	-	-	226,290	
	Total CFDA No.	11,609	226,290	-	-	-	-	-	-	226,290	
11.611	Manufacturing Extension Partnership										
	Grantor: *** Illinois M Excellence Center	17012343	163,722	-	-	-	-	-	-	163,722	
	Grantor: *** IN Economic Development Corporation	EDS# A229-6-EDF-2080	121,396	-	-	-	-	-	-	121,396	
	Total CFDA No.	11,611	285,118	-	-	-	-	-	-	285,118	
	Total Pass-Through Grantors		737,969	81,526	-	-	561,424	-	-	1,299,393	
	Total Department of Commerce		4,367,305	161,357	-	-	615,950	-	-	4,983,255	
	Department of Defense										
	Air Force										
	<i>Direct Programs by CFDA</i>										
12.300	Basic and Applied Scientific Research		1,642,897	812,087	-	-	-	-	-	1,642,897	
12.351	Basic Scientific Research - Combating Weapons of Mass Destruction		73,609	-	-	-	-	-	-	73,609	
12.800	Air Force Defense Research Sciences Program		4,210,099	193,528	-	-	-	-	-	4,210,099	
12.910	Research and Technology Development		4,260	-	-	-	-	-	-	4,260	
12.RD	U.S. Department of Defense	17122444	59,941	-	-	-	-	-	-	59,941	
		FA8651-16-F-1010	88,139	-	-	-	-	-	-	88,139	
		FA8750-17-C-0069	501,611	34,942	-	-	-	-	-	501,611	
	*** 12.RD Total		649,691	34,942	-	-	-	-	-	649,691	
12.U06	U.S. Department of Defense	SHANNON DAILY	-	-	-	-	2,404	-	-	2,404	
	Total Direct Programs		6,580,556	1,040,557	-	-	2,404	-	-	1,040,557	

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
<i>Pass-Through Grantors by CFDA</i>										
12.800	Air Force Defense Research Sciences Program									
	Grantor: *** Carnegie-Mellon University	1150119-294739	100,189	-	-	-	-	-	-	100,189
	Grantor: *** Case Western Reserve University	RE-S006635	5,200	-	-	-	-	-	-	5,200
	Grantor: *** Freedom Photonics, LLC.	16088127	1	-	-	-	-	-	-	1
	Grantor: *** Harvard University	123885-5078366	282,817	-	-	-	-	-	-	282,817
	Grantor: *** NextFlex	17013120	67,654	-	-	-	-	-	-	67,654
	Grantor: *** North Carolina State University	2013-0906-01	105,053	-	-	-	-	-	-	105,053
	Grantor: *** Northrop Grumman Corporation	PO 2941972	90,339	-	-	-	-	-	-	90,339
	Grantor: *** Pennsylvania State University	4792-PU-AFOSR-0004	173,112	-	-	-	-	-	-	173,112
	Grantor: *** Spectral Energies, LLC	SB1713-001-1	17,366	-	-	-	-	-	-	17,366
	Grantor: *** University Of California--Riverside	S-000563	533	-	-	-	-	-	-	533
		S-000701	148,039	-	-	-	-	-	-	148,039
	*** University Of California--Riverside Total		148,572	-	-	-	-	-	-	148,572
	Grantor: *** University Of Chicago	FP057123-D	192,453	-	-	-	-	-	-	192,453
	Grantor: *** University Of Colorado	1551965	16,766	-	-	-	-	-	-	16,766
	Grantor: *** University of Colorado at Boulder	1553330	59,857	-	-	-	-	-	-	59,857
	Grantor: *** University Of Michigan	3004428167	148,521	-	-	-	-	-	-	148,521
	Grantor: *** University Of Notre Dame	202527PU	57,813	-	-	-	-	-	-	57,813
	Grantor: *** Vanderbilt University	3091-1-01093	150,231	-	-	-	-	-	-	150,231
	Grantor: *** Von Karman Inst for Fluid Dynamics	FA9550-16-1-0120	72,927	-	-	-	-	-	-	72,927
	Total CFDA No. 12.800		1,668,871	-	-	-	-	-	-	1,668,871
<i>U.S. Department of Defense</i>										
12.RD	U.S. Department of Defense									
	Grantor: *** OFD Research Corporation	2018001	31,188	-	-	-	-	-	-	31,188
		CFRDC PROJECT NO. 9253	133,132	-	-	-	-	-	-	133,132
	*** CFD Research Corporation Total		164,320	-	-	-	-	-	-	164,320
	Grantor: *** Georgia Institute Of Technology	D7582-S1	33,331	23,811	-	-	-	-	-	33,331
	Grantor: *** HyperComp Inc	HPC12PU-AFOSR-AFRL-2015-	11,423	-	-	-	-	-	-	11,423
	Grantor: *** In Space, Llc	INS-21109-1	34,537	-	-	-	-	-	-	34,537
	Grantor: *** ImcoSense LLC	ISL-PURDUE-3098-012317	19,039	-	-	-	-	-	-	19,039
	Grantor: *** Innovative Scientific Solutions, Inc.	SB20210	44,762	-	-	-	-	-	-	44,762
	Grantor: *** Leidos	P010189902	28,121	-	-	-	-	-	-	28,121

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		P010204782	12,005	-	-	-	-	-	-	12,005
	*** Leidos Total		40,126	-	-	-	-	-	-	40,126
	Grantor: *** Lynntech Inc	17034737	32,027	-	-	-	-	-	-	32,027
	Grantor: *** Roscor, LLC	AF17A-T019	20,723	-	-	-	-	-	-	20,723
	Grantor: *** Smart Information Flow Technologies	NEUTRON-PURDUE-01	14,397	-	-	-	-	-	-	14,397
	Grantor: *** Spectral Energies, LLC	SB1207-001-2	26,751	-	-	-	-	-	-	26,751
		SB1506-001-1	72,853	-	-	-	-	-	-	72,853
		SB1608-001-2	9,334	-	-	-	-	-	-	9,334
		SB1612-001-1	135,660	-	-	-	-	-	-	135,660
		SB1708-001-1	33,906	-	-	-	-	-	-	33,906
	*** Spectral Energies, LLC Total		278,504	-	-	-	-	-	-	278,504
	Grantor: *** UES Inc.	S-111-013-001	21,310	-	-	-	-	-	-	21,310
		S-114-054-002	49,881	-	-	-	-	-	-	49,881
		S-977-014-002	138	-	-	-	-	-	-	138
	*** UES Inc. Total		71,329	-	-	-	-	-	-	71,329
	Grantor: *** Universal Technology Corporation	15-S7135-01-C1	-	-	-	-	-	-	-	-
		16-S7415-06-C2	52,081	-	-	-	-	-	-	52,081
	*** Universal Technology Corporation Total		52,081	-	-	-	-	-	-	52,081
	Grantor: *** University Of California-Los Angeles	0205GTA682	129,506	-	-	-	-	-	-	129,506
	Grantor: *** University Of Dayton Research Institute	RSC17088	170,381	-	-	-	-	-	-	170,381
	Total CFDA No. 12.RD		1,116,466	23,811	-	-	-	-	-	1,116,466
	Total Pass-Through Grantors		2,805,357	23,811	-	-	-	-	-	2,805,357
	Total Air Force		9,385,913	1,064,368	-	-	2,404	-	-	9,388,317
Army										
Direct Programs by CFDA										
12.420	Military, Medical Research and Development		2,149,347	247,179	-	-	-	-	-	2,149,347
12.431	Basic Scientific Research		1,501,309	-	-	-	-	-	-	1,501,309
12.630	Basic, Applied, and Advanced Research in Science and Engineering		117,410	-	-	-	-	-	-	117,410
12.RD	U.S. Department of Defense	15033225	(66)	-	-	-	-	-	-	(66)
		W81XWH-14-1-0568	64,424	-	-	-	-	-	-	64,424
		W911NF-16-2-0020	1,648,702	-	-	-	-	-	-	1,648,702
		W911NF-16-1-0074	122,147	-	-	-	-	-	-	122,147

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		W912HQ-14-C-0047	121,444	-	-	-	-	-	-	121,444
		W912HQ-16-C-0048	494,725	10,223	-	-	-	-	-	494,725
		W912HQ-18-C-0021	26,273	-	-	-	-	-	-	26,273
		W91CRB-14-C-0025	287,947	-	-	-	-	-	-	287,947
		*** 12.RD Total	2,765,596	10,223	-	-	-	-	-	2,765,596
		Total Direct Programs	6,533,662	257,402	-	-	-	-	-	6,533,662
		Pass-Through Grantors by CFDA								
12.420	Military Medical Research and Development									
	Grantor: *** California Institute Of Technology	S374892	10,515	-	-	-	-	-	-	10,515
	Grantor: *** Rehabilitation Inst of Chicago	5098	66,401	-	-	-	-	-	-	66,401
	Total CFDA No. 12.420		76,916	-	-	-	-	-	-	76,916
12.431	Basic Scientific Research									
	Grantor: *** Bae Systems Advanced Technologies, Inc.	960211	17,589	-	-	-	-	-	-	17,589
	Grantor: *** Baylor University	37050214-01	10,181	-	-	-	-	-	-	10,181
	Grantor: *** Georgia Tech	RH541-C4	54,106	-	-	-	-	-	-	54,106
	Grantor: *** Indiana University	BL-4329734-PU	66,697	-	-	-	-	-	-	66,697
	Grantor: *** Norfolk State University	F1040059	68,672	-	-	-	-	-	-	68,672
	Grantor: *** Ohio State University	60046657	18,568	-	-	-	-	-	-	18,568
	Grantor: *** University Of California-Los Angeles	1015GUA188	78,739	-	-	-	-	-	-	78,739
	Grantor: *** University Of Michigan	3002778250	248,831	61,235	-	-	-	-	-	248,831
	Grantor: *** University Of New South Wales	171011	136,812	-	-	-	-	-	-	136,812
	Grantor: *** University Of Texas At Dallas	1604768	44,571	-	-	-	-	-	-	44,571
	Grantor: *** Virginia Tech	451474-19084	91,709	-	-	-	-	-	-	91,709
	Total CFDA No. 12.431		836,475	61,235	-	-	-	-	-	836,475
12.630	Basic, Applied, and Advanced Research In Science and Engineering									
	Grantor: *** University Of Delaware	45574	52,108	-	-	-	-	-	-	52,108
		42145	(402)	-	-	-	-	-	-	(402)
		49188	25,290	-	-	-	-	-	-	25,290

* denotes major programs
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Purdue University
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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	*** University Of Delaware Total		76,996	-	-	-	-	-	76,996	-
	Total CFDA No.	12.630	76,996	-	-	-	-	-	76,996	-
12.RD	U.S. Department of Defense									
	Grantor: *** Allon Science and Technology	SFP1141310	4,799	-	-	-	-	-	4,799	-
	Grantor: *** Battelle Memorial Institute	504872	412,406	249,618	-	-	-	-	412,406	249,618
	Grantor: *** CUBRC Inc	0798312S2	26,342	-	-	-	-	-	26,342	-
	Grantor: *** Ibm	5005129713	6,362	-	-	-	-	-	6,362	-
		5005129717	109,592	-	-	-	-	-	109,592	-
		PO5004959889	137,745	-	-	-	-	-	137,745	-
	*** Ibm Total		253,699	-	-	-	-	-	253,699	-
	Grantor: *** Raytheon	PO.9500013127	75,703	-	-	-	-	-	75,703	-
	Grantor: *** Scitor Corporation	G1125.03_14_PUR11-000	3,868	-	-	-	-	-	3,868	-
	Grantor: *** Sonnisai Research Inc	16011871	25,890	-	-	-	-	-	25,890	-
		17012839	734,283	-	-	-	-	-	734,283	-
	*** Sonnisai Research Inc Total		760,173	-	-	-	-	-	760,173	-
	Grantor: *** University Of California-Los Angeles	0142SOA032	82,273	-	-	-	-	-	82,273	-
	Grantor: *** University Of New South Wales	W911NF-13-1-0024	17	-	-	-	-	-	17	-
	Total CFDA No.	12.RD	1,619,280	249,618	-	-	-	-	1,619,280	249,618
12.U01	U.S. Department of Defense									
	Grantor: *** Leidos	P010170864	-	-	-	-	276	-	276	-
	Total CFDA No.	12.U01	-	-	-	-	276	-	276	-
	Total Pass-Through Grantors		2,609,867	310,853	-	-	276	-	2,609,943	310,853
	Total Army		9,143,329	568,255	-	-	276	-	9,143,605	568,255
	Defense Advanced Research Projects Agency									
	Direct Programs by CFDA									
12.910	Research and Technology Development		1,502,049	71,949	-	-	-	-	1,502,049	71,949
12.RD	U.S. Department of Defense		(1,773)	-	-	-	-	-	(1,773)	-
	Total Direct Programs		1,500,276	71,949	-	-	-	-	1,500,276	71,949
	Pass-Through Grantors by CFDA									
12.431	Basic Scientific Research									
	Grantor: *** Yale University	C17J12513 (J00255)	48,559	-	-	-	-	-	48,559	-
	Total CFDA No.	12.431	48,559	-	-	-	-	-	48,559	-
12.910	Research and Technology Development		336,267	-	-	-	-	-	336,267	-
	Grantor: *** Boeing Company, The	1235919								

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	Grantor: *** Ge Global Research Center	401103191	25,000	-	-	-	-	-	-	25,000
	Grantor: *** General Electric Company	PO 401084591	66,257	-	-	-	-	-	-	66,257
	Grantor: *** Pennsylvania State University	5621-PU-DARPA-0032	327,339	-	-	-	-	-	-	327,339
	Total CFDA No. 12.910		754,863	-	-	-	-	-	-	754,863
12.RD	U.S. Department of Defense									
	Grantor: *** Honeywell Inc.	PO# 4207438363	288,695	-	-	-	-	-	-	288,695
	Grantor: *** Hrl Laboratories, Llc	12105-301701-DS	1,591,208	-	-	-	-	-	-	1,591,208
	Grantor: *** Indiana Microelectronics LLC	17056255	226,244	-	-	-	-	-	-	226,244
	Grantor: *** Johns Hopkins University Applied Physics	130148	29,370	-	-	-	-	-	-	29,370
	Grantor: *** SRI International	19-000269	206,528	-	-	-	-	-	-	206,528
	Grantor: *** University Of California-Los Angeles	0142SOA031	94,645	-	-	-	-	-	-	94,645
	Grantor: *** University Of Minnesota	A003571412	174,342	-	-	-	-	-	-	174,342
	Grantor: *** University Of Notre Dame	2013-MA-2383	293,333	-	-	-	-	-	-	293,333
	Total CFDA No. 12.RD		2,904,365	-	-	-	-	-	-	2,904,365
	Total Pass-Through Grantors		3,707,787	-	-	-	-	-	-	3,707,787
	Total Defense Advanced Research Projects Agency		5,208,063	71,949	-	-	-	-	-	5,208,063

NAVY

Direct Programs by CFDA									
12.300	Basic and Applied Scientific Research	-	10,421,791	841,290	-	-	7,000	-	10,428,791
12.351	Basic Scientific Research - Combating Weapons of Mass Destruction	-	164,449	-	-	-	-	-	164,449
12.420	Military Medical Research and Development	-	139,931	60,000	-	-	-	-	139,931
12.910	Research and Technology Development	-	7,185	-	-	-	-	-	7,185
12.RD	U.S. Department of Defense	16-014	56,005	-	-	-	-	-	56,005
		17066836	128,447	-	-	-	-	-	128,447
		NA1756-14-C-3292	6,248	-	-	-	-	-	6,248
		N68936-17-P-0010	79,837	-	-	-	-	-	79,837
		N6893618PF0078	75,452	-	-	-	-	-	75,452
	*** 12.RD Total		345,989	-	-	-	-	-	345,989
12.U04	U.S. Department of Defense	N00189-16-P-Z208	-	-	-	-	23,195	-	23,195
	Total Direct Programs		11,079,345	901,290	-	-	30,195	-	11,109,540
	Pass-Through Grantors by CFDA								

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
12.300	Basic and Applied Scientific Research									
	Grantor: *** Cornell University	81424-10839	70,447	-	-	-	-	-	-	70,447
	Grantor: *** Florida State University	R01850	412,172	-	-	-	-	-	-	412,172
	Grantor: *** Georgia State University	SP00011356-02	(81,033)	-	-	-	-	-	-	(81,033)
	Grantor: *** Univ Of Illinois At Champaign-Urbana	2012 02341 01 (A0442)	177,034	-	-	-	-	-	-	177,034
	Grantor: *** University Of Connecticut	163164	66,798	-	-	-	-	-	-	66,798
	Grantor: *** University Of Pennsylvania	572339	85,374	-	-	-	-	-	-	85,374
	Total CFDA No. 12.300		730,792	-	-	-	-	-	-	730,792
12.RD	U.S. Department of Defense									
	Grantor: *** American Lightweight Materials MF Inst	0003A-7	76,149	-	-	-	-	-	-	76,149
	Grantor: *** Aurora Flight Sciences Corporation	AMA-16-0018	4,759	-	-	-	-	-	-	4,759
	Grantor: *** Bae Systems Advanced Technologies, Inc.	918668	257,073	-	-	-	-	-	-	257,073
	Grantor: *** Booz, Allen & Hamilton Inc	S900980BAH	19,413	-	-	-	-	-	-	19,413
	Grantor: *** Georgia State University	SP00012914-02	439,232	-	-	-	-	-	-	439,232
	Grantor: *** Indiana Microelectronics LLC	12097721	14,518	-	-	-	-	-	-	14,518
	Grantor: *** Kord Technologies Inc	KSC-17-001	117,472	-	-	-	-	-	-	117,472
	Grantor: *** Lynntech Inc	16099250	7,006	-	-	-	-	-	-	7,006
	Grantor: *** Science Applications Intl	P010224172	559,526	-	-	-	-	-	-	559,526
	Grantor: *** SensorMetrix	SMXA-N6833517C0367	52,313	-	-	-	-	-	-	52,313
	Grantor: *** Helicon Chemical Company	15109773	18,197	-	-	-	-	-	-	18,197
	Total CFDA No. 12.RD		1,565,658	-	-	-	-	-	-	1,565,658
12.LU02	U.S. Department of Defense									
	Grantor: *** American Lightweight Materials MF Inst	PO-0025	-	-	-	-	-	89,915	-	89,915
	Total CFDA No. 12.LU02		-	-	-	-	-	89,915	-	89,915
	Total Pass-Through Grantors		2,296,450	-	-	-	-	89,915	-	2,386,365
	Total Navy		13,375,795	901,290	-	-	120,110	-	-	13,495,905
	Other DOD Agencies									
	Direct Programs by CFDA									
12.300	Basic and Applied Scientific Research		110,290	-	-	-	-	-	-	110,290
12.351	Basic Scientific Research - Combating Weapons of Mass Destruction		687,421	103,244	-	-	-	-	-	103,244
12.901	Mathematical Sciences Grants Program		30,722	-	-	-	-	-	-	30,722

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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
12.902	Information Security Grants	-	384,956	67,558	-	-	-	-	384,956	67,558
12.903	GenCyber Grants Program	-	178,517	-	-	-	40,046	-	218,563	-
12.905	CyberSecurity Core Curriculum	-	134,588	-	-	-	-	-	134,588	-
12.910	Research and Technology Development	-	945,586	98,302	-	-	-	-	945,586	98,302
12.RD	U.S. Department of Defense	17111766	89,047	-	-	-	-	-	89,047	-
		2102738-03	19,904	-	-	-	-	-	19,904	-
		2102765-02	204,605	-	-	-	-	-	204,605	-
		HQ0147-15-C-6003	165,375	-	-	-	-	-	165,375	-
		HQ0147-15-C-6009	162,642	-	-	-	-	-	162,642	-
		HQ0147-16-C-6001	189,580	-	-	-	-	-	189,580	-
		HQ0147-16-C-6005	552,561	-	-	-	-	-	552,561	-
		N00174-16-C-0007	148,763	-	-	-	-	-	148,763	-
		NTP17111432	(18,644)	-	-	-	-	-	(18,644)	-
		SP8000-18-P-0007	32,005	-	-	-	-	-	32,005	-
		*** 12.RD Total	1,545,638	-	-	-	-	-	1,545,638	-
12.L000	U.S. Department of Defense	P.O.714289	-	-	-	-	(1,284)	-	(1,284)	-
12.L003	U.S. Department of Defense	IPA.MELISSA.DARK	-	-	-	-	4,994	-	4,994	-
12.L005	U.S. Department of Defense	IPA17012497	-	-	-	-	(8)	-	(8)	-
12.L008	U.S. Department of Defense	740-007-267	-	-	-	-	1,675	-	1,675	-
	Total Direct Programs		4,017,918	269,104	-	-	45,423	-	4,063,341	269,104
Pass-Through Grantors by CFDA										
12.351	Basic Scientific Research - Combating Weapons of Mass Destruction									
	Grantor: *** Adranos Energetics LLC	16088195	11,497	-	-	-	-	-	11,497	-
	Total CFDA No. 12.351		11,497	-	-	-	-	-	11,497	-
12.611	Community Economic Adjustment Planning Assistance for Reductions in Defense Indu									
	Grantor: *** University Of Michigan	300-4036942	204,966	-	-	-	676,151	-	881,117	-
	Total CFDA No. 12.611		204,966	-	-	-	676,151	-	881,117	-
12.630	Basic Applied, and Advanced Research in Science and Engineering									
	Grantor: *** UI Labs	PROJ.#404-65-05C	25,947	-	-	-	-	-	25,947	-
	Total CFDA No. 12.630		25,947	-	-	-	-	-	25,947	-
12.750	Uniformed Services University Medical Research Projects									
	Grantor: *** Henry M. Jackson Foundation	3461	76,947	-	-	-	-	-	76,947	-
	Total CFDA No. 12.750		76,947	-	-	-	-	-	76,947	-

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
12.800	Air Force Defense Research Sciences Program									
	Grantor: *** NextFLex	18088525	259,765	186,503	-	-	-	-	259,765	186,503
	Total CFDA No. 12.800		259,765	186,503	-	-	-	-	259,765	186,503
12.RD	U.S. Department of Defense									
	Grantor: *** Applied Research Associates, Inc	S-273-003253-02-PU	89,363	-	-	-	-	-	89,363	-
	Grantor: *** Applied Research Associates, Inc	S-275-003253-03-PU	305,455	-	-	-	-	-	305,455	-
	*** Applied Research Associates, Inc Total		394,818	-	-	-	-	-	394,818	-
	Grantor: *** Charles Stark Draper Laboratory, Inc.	SC001-0000000963	(1)	-	-	-	-	-	(1)	-
	Grantor: *** Giner Electrochemical System LLC	HQ0147-14-C-7027	8,662	-	-	-	-	-	8,662	-
	Grantor: *** Ibm	5005124575	609,191	-	-	-	-	-	609,191	-
	Grantor: *** Intelligent Automation Inc	2218-2	8,861	-	-	-	-	-	8,861	-
	Grantor: *** Lincoln Laboratory	PO 7000350501	40,475	-	-	-	-	-	40,475	-
	Grantor: *** Lockheed Martin Corp.	PO #4103672829	43,762	-	-	-	-	-	43,762	-
	Grantor: *** Noblis	PO 34407	1,990	-	-	-	-	-	1,990	-
	Grantor: *** North Carolina State University	2014-1267-03	749	-	-	-	-	-	749	-
	Grantor: *** Physical Sciences, Inc	SC6905-46-1	50,000	-	-	-	-	-	50,000	-
	Grantor: *** Rolls-Royce, Inc.	DMIDI-14-05-01	(16,385)	(37,500)	-	-	-	-	(16,385)	(37,500)
	Grantor: *** S Ram Dynamics	16044615	60,034	-	-	-	-	-	60,034	-
	Grantor: *** Space Exploration Technologies Corp	PO 875048	328,643	-	-	-	-	-	328,643	-
	Grantor: *** Spectral Energies, LLC	SB1613-001-1	11,041	-	-	-	-	-	11,041	-
	Grantor: *** Stanford University	6097665-118230	114,937	-	-	-	-	-	114,937	-
	Grantor: *** Stevens Institute Of Technology	2102638-01	3,841	-	-	-	-	-	3,841	-
	Grantor: *** Stevens Institute Of Technology	2102715-01	13,347	-	-	-	-	-	13,347	-
	*** Stevens Institute Of Technology Total		17,188	-	-	-	-	-	17,188	-
	Total CFDA No. 12.RD		1,673,965	(37,500)	-	-	-	-	1,673,965	(37,500)
12.U07	U.S. Department of Defense									
	Grantor: *** Busek Co, Inc	18067640	-	-	-	-	-	3,352	-	3,352
	Total CFDA No. 12.U07		-	-	-	-	-	3,352	-	3,352
	Total Pass-Through Grantors		2,253,087	149,003	-	-	-	679,503	2,932,590	149,003
	Total Other DOD Agencies		6,271,005	418,107	-	-	-	724,926	6,995,931	418,107
	Total Department of Defense Direct Programs		29,711,757	2,540,302	-	-	-	76,022	29,789,779	2,540,302
	Total Department of Defense Pass-Through Grantors		13,672,348	483,667	-	-	-	769,694	14,442,042	483,667

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Total Department of Defense			43,384,105	3,023,969	-	-	847,716	-	44,231,821	3,023,969

Housing and Urban Development

Direct Programs by CFDA

14.906	Healthy Homes Technical Studies Grants	-	94,885	-	-	-	-	-	94,885	-
Total Direct Programs			94,885	-	-	-	-	-	94,885	-
Total Housing and Urban Development			94,885	-	-	-	-	-	94,885	-

Department of Interior

Direct Programs by CFDA

15.229	Wild Horse and Burro Resource Management	-	29,104	-	-	-	-	-	29,104	-
15.231	Fish, Wildlife and Plant Conservation Resource Management	-	19,447	-	-	-	-	-	19,447	-
15.232	Wildland Fire Research and Studies	-	25,969	-	-	-	-	-	25,969	-
15.608	Fish and Wildlife Management Assistance	-	38,002	1,035	-	-	-	-	38,002	1,035
15.658	Natural Resource Damage Assessment, Restoration and Implementation	-	24,900	-	-	-	-	-	24,900	-
15.805	Assistance to State Water Resources Research Institutes	-	112,801	29,718	-	-	-	-	112,801	29,718
15.808	U.S. Geological Survey_ Research and Data Collection	-	178,068	-	-	-	-	-	178,068	-
15.923	National Center for Preservation Technology and Training	-	8,181	-	-	-	-	-	8,181	-
15.945	Cooperative Research and Training Programs – Resources of the National Park Syst	-	29,383	-	-	-	-	-	29,383	-
15.RD	U.S. Department of Interior	G15PX00897	6,857	-	-	-	-	-	6,857	-
		G15PX01376	390	-	-	-	-	-	390	-
		G17PX00230	3,255	-	-	-	-	-	3,255	-
		G17PX00904	16,800	-	-	-	-	-	16,800	-
		G17PX01256	9,475	-	-	-	-	-	9,475	-
		G17PX01270	11,160	-	-	-	-	-	11,160	-
		G17PX01373	12,615	-	-	-	-	-	12,615	-
		G17PX01462	5,425	-	-	-	-	-	5,425	-
	*** 15.RD Total		65,777	-	-	-	-	-	65,777	-
Total Direct Programs			531,632	30,753	-	-	-	-	531,632	30,753

Pass-Through Grantors by CFDA

15.608	Fish and Wildlife Management Assistance									
	Grantor: *** In Department Of Natural Resources	CONTRACT# 18949	45,970	-	-	-	-	-	45,970	-
	Total CFDA No. 15.608		45,970	-	-	-	-	-	45,970	-

Fish and Wildlife Cluster

15.611 Wildlife Restoration

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	Grantor: *** In Department Of Natural Resources	CONTRACT ID 25141	12,531	-	-	-	-	-	-	12,531
	Total CFDA No. 15.611		12,531	-	-	-	-	-	-	12,531
	Total Fish and Wildlife Cluster		12,531	-	-	-	-	-	-	12,531
15.615	Cooperative Endangered Species Conservation Fund									
	Grantor: *** In Department Of Natural Resources	CONTRACT# 19603	14,758	-	-	-	-	-	-	14,758
	Grantor: *** In Dept Nat Res Div Of Fish & Wildlife	EDSHEZ-15-WDP005	6,221	-	-	-	-	-	-	6,221
	Total CFDA No. 15.615		20,979	-	-	-	-	-	-	20,979
15.634	State Wildlife Grants									
	Grantor: *** In Department Of Natural Resources	CONTRACT ID 23557	17,979	-	-	-	-	-	-	17,979
		CONTRACT ID 22295	19,340	-	-	-	-	-	-	19,340
	*** In Department Of Natural Resources Total		37,319	-	-	-	-	-	-	37,319
	Grantor: *** In Dept Nat Res Div Of Fish & Wildlife	CONTRACT #17236	58,984	-	-	-	-	-	-	58,984
	Total CFDA No. 15.634		96,303	-	-	-	-	-	-	96,303
15.805	Assistance to State Water Resources Research Institutes									
	Grantor: *** University Of Illinois	2015-06806-01	376,695	-	-	-	-	-	-	376,695
	Total CFDA No. 15.805		376,695	-	-	-	-	-	-	376,695
15.815	National Land Remote Sensing, Education Outreach and Research									
	Grantor: *** Americantew Inc	AV13-IN01	6,691	3,000	-	-	-	-	-	6,691
	Total CFDA No. 15.815		6,691	3,000	-	-	-	-	-	6,691
15.RD	U.S. Department of Interior									
	Grantor: *** Kiltware Inc	K002037-00-S02	113,728	-	-	-	-	-	-	113,728
	Total CFDA No. 15.RD		113,728	-	-	-	-	-	-	113,728
15.U00	U.S. Department of Interior									
	Grantor: *** University Of Southern California	90702000	-	-	-	-	10,111	-	-	10,111
	Total CFDA No. 15.U00		-	-	-	-	10,111	-	-	10,111
	Total Pass-Through Grantors		672,897	3,000	-	-	10,111	-	-	683,008
	Total Department of Interior		1,204,529	33,753	-	-	10,111	-	-	1,214,640

Department of Justice
Direct Programs by CFDA

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***denotes pass-through agency
The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	
16.560	National Institute of Justice Research, Evaluation, and Development Project Grant	-	456,801	150,000	-	-	3,184	-	459,985
16.562	Criminal Justice Research and Development Graduate Research Fellowships	-	24,996	-	-	-	50,099	-	74,995
Total Direct Programs			481,697	150,000	-	-	53,283	-	534,980
<i>Pass-Through Grantors by CFDA</i>									
16.300	Law Enforcement Assistance, FBI Advanced Police Training	JANSUB2PUR	-	-	-	-	240,000	-	240,000
	Grantor: *** Noblis								
	Total CFDA No. 16.300						240,000		240,000
Total Pass-Through Grantors			-	-	-	-	240,000	-	240,000
Total Department of Justice			481,697	150,000	-	-	293,283	-	774,980
Department of Labor									
<i>Direct Programs by CFDA</i>									
17.282	Trade Adjustment Assistance Community College and Career Training (TAA/CCCT) Grant	-	72,630	-	-	-	-	-	72,630
17.502	Occupational Safety and Health, Susan Harwood Training Grants	-	26,065	-	-	-	-	-	26,065
Total Direct Programs			98,695	-	-	-	-	-	98,695
<i>Pass-Through Grantors by CFDA</i>									
17.502	Occupational Safety and Health, Susan Harwood Training Grants	428-40-10A	44,236	-	-	-	-	-	44,236
	Grantor: *** Iowa State University								
	Total CFDA No. 17.502		44,236	-	-	-	-	-	44,236
Total Department of Labor			142,931	-	-	-	30,396	-	173,327
Department of State									
<i>Direct Programs by CFDA</i>									
19.033	Global Threat Reduction	-	29,891	-	-	-	-	-	29,891
19.040	Public Diplomacy Programs	-	4,773	-	-	-	-	-	4,773
19.501	Public Diplomacy Programs for Afghanistan and Pakistan	-	-	-	-	-	90,104	-	90,104
19.RD	U.S. Department of State	18101021	12,000	-	-	-	-	-	12,000
Total Direct Programs			46,664	-	-	-	90,104	-	136,768
<i>Pass-Through Grantors by CFDA</i>									
19.009	Academic Exchange Programs - Undergraduate Programs								
	Grantor: *** Partners of the Americas Fdn	CBG-2015-R1-10	16,682	-	-	-	-	-	16,682
	Total CFDA No. 19.009		16,682	-	-	-	-	-	16,682

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Purdue University
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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
19.401	Educational Exchange_University Lecturers (Professors) and Research Scholars		-	-	-	-	-	-	-	-
	Grantor: *** Institute Of International Education	403513	-	-	-	-	20,567	-	20,567	-
		S-ECAGD-14-CA-1032	-	-	-	-	735	-	735	-
	*** Institute Of International Education Total		-	-	-	-	21,302	-	21,302	-
	Total CFDA No. 19.401		-	-	-	-	21,302	-	21,302	-
	Total Pass-Through Grantors		16,682	-	-	-	21,302	-	37,984	-
	Total Department of State		63,346	-	-	-	111,406	-	174,752	-
Department of Transportation										
<i>Direct Programs by CFDA</i>										
20.106*	Airport Improvement Program	-	-	-	-	-	2,901,097	-	2,901,097	-
20.109	Air Transportation Centers of Excellence	-	1,721,969	182,158	-	-	23,043	-	1,745,012	182,158
20.200	Highway Research & Development Program	-	188,891	11,259	-	-	-	-	188,891	11,259
	Highway Planning and Construction Cluster		52,642	-	-	-	-	-	52,642	-
20.205	Highway Planning and Construction	-	52,642	-	-	-	-	-	52,642	-
	Total Highway Planning and Construction Cluster		52,642	-	-	-	-	-	52,642	-
20.215	Highway Training and Education	-	-	-	-	-	2,000	-	2,000	-
20.701	University Transportation Centers Program	-	951,370	550,503	-	-	-	-	951,370	550,503
20.RD	U.S. Department of Transportation	DTFACCT+13-D-00010-0001	31,885	-	-	-	-	-	31,885	-
		DTFACCT+13-D-00010-0002	29,750	-	-	-	-	-	29,750	-
		DTFACCT+13-D-00010-0004	2,812	-	-	-	-	-	2,812	-
		DTFACCT+13-D-00010-0005	27	-	-	-	-	-	27	-
		DTFACCT+13-D-00010-0006	(18)	-	-	-	-	-	(18)	-
		HR12-87(A)	(3,052)	-	-	-	-	-	(3,052)	-
	*** 20.RD Total		61,404	-	-	-	-	-	61,404	-
20.U00	U.S. Department of Transportation	DTFACCT+13-D-00010-0005	-	-	-	-	(27)	-	(27)	-
	Total Direct Programs		2,976,276	743,920	-	-	2,926,113	-	5,902,389	743,920
<i>Pass-Through Grantors by CFDA</i>										
20.200	Highway Research & Development Program		170,485	-	-	-	-	-	170,485	-
	Grantor: *** In Department Of Transportation	EDS# A249-14-320689	82,601	-	-	-	-	-	82,601	-
		SPR-4155	184,175	-	-	-	-	-	184,175	-
		TPF-5(281)	206,396	-	-	-	-	-	206,396	-
		2017/18 APPROPRIATION	-	-	-	-	-	-	-	-

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Purdue University
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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
		SPR-4123	148,247	-	-	-	-	-	-	148,247
		SPR-3708	49,903	43,599	-	-	-	-	-	49,903
		SPR-4003	118,793	114,030	-	-	-	-	-	118,793
		PO# 18806330	233,107	-	-	-	-	-	-	233,107
		SPR-4333	3,585	-	-	-	-	-	-	3,585
		SPR-3820	25,114	-	-	-	-	-	-	25,114
		SPR-4162	83,049	-	-	-	-	-	-	83,049
		SPR-4002	128,137	-	-	-	-	-	-	128,137
		SPR-4122	103,317	-	-	-	-	-	-	103,317
		SPR-4108	102,432	-	-	-	-	-	-	102,432
		SPR-3821	666,035	-	-	-	-	-	-	666,035
		SPR-3916	35,840	-	-	-	-	-	-	35,840
		SPR-3915	28,558	-	-	-	-	-	-	28,558
		SPR-3816	56,389	-	-	-	-	-	-	56,389
		SPR-4217	46,923	-	-	-	-	-	-	46,923
		SPR-4012	(145)	-	-	-	-	-	-	(145)
		SPR-4156	47,910	-	-	-	-	-	-	47,910
		SPR-3905	49,204	15,539	-	-	-	-	-	49,204
		SPR-3913	49,000	-	-	-	-	-	-	49,000
		SPR-4216	13,390	-	-	-	-	-	-	13,390
		SPR-3903	17,411	-	-	-	-	-	-	17,411
		SPR-4165	60,065	-	-	-	-	-	-	60,065
		SPR-3911	8,897	-	-	-	-	-	-	8,897
		SPR-4004	98,252	-	-	-	-	-	-	98,252
		SPR-4151	44,652	-	-	-	-	-	-	44,652
		SPR-4116	107,528	-	-	-	-	-	-	107,528

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Purdue University
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Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			SPR-4225	21,363	-	-	-	-	-	21,363	-
			SPR-4209	30,596	-	-	-	-	-	30,596	-
			SPR-4200	49,839	-	-	-	-	-	49,839	-
			3134	1,021	-	-	-	-	-	1,021	-
			SPR-4226	37,526	-	-	-	-	-	37,526	-
			SPR-3711	33,526	-	-	-	-	-	33,526	-
			SPR-4233	4,974	-	-	-	-	-	4,974	-
			SPR-4105	26,568	-	-	-	-	-	26,568	-
			SPR-4229	7,794	-	-	-	-	-	7,794	-
			SPR-4251	4,157	-	-	-	-	-	4,157	-
			SPR-3727	523,580	-	-	-	-	-	523,580	-
			SPR-4203	11,036	-	-	-	-	-	11,036	-
			SPR-3857	51,319	-	-	-	-	-	51,319	-
			SPR-4015	21,430	-	-	-	-	-	21,430	-
			SPR-3807	43,656	-	-	-	-	-	43,656	-
			SPR-3904	78,093	-	-	-	-	-	78,093	-
			SPR-4103	77,944	-	-	-	-	-	77,944	-
			SPR-4101	121,508	-	-	-	-	-	121,508	-
			SPR-4219	38,480	-	-	-	-	-	38,480	-
			SPR-4213	25,987	-	-	-	-	-	25,987	-
			SPR-4120	82,983	-	-	-	-	-	82,983	-
			SPR-4005	67,904	-	-	-	-	-	67,904	-
			SPR-4017	57,658	-	-	-	-	-	57,658	-
			SPR-3715	43,873	-	-	-	-	-	43,873	-
			SPR-4164	46,863	-	-	-	-	-	46,863	-
			2357	22,312	-	-	-	-	-	22,312	-

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Purdue University
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Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			SPR-3914	55,624	-	-	-	-	-	55,624	-
			SPR-4211	5,767	-	-	-	-	-	5,767	-
			SPR-3852	35,396	-	-	-	-	-	35,396	-
			SPR-4040-II	121,728	-	-	-	-	-	121,728	-
			SPR-4016	32,064	-	-	-	-	-	32,064	-
			SPR-4252	19,764	-	-	-	-	-	19,764	-
			SPR-4113	38,072	-	-	-	-	-	38,072	-
			SPR-4224	7,399	-	-	-	-	-	7,399	-
			PO: 18812565	-	-	-	-	2,338	-	2,338	-
			SPR-3634, TPF-5(253)	77,118	-	-	-	-	-	77,118	-
			SPR-4042	170,812	-	-	-	-	-	170,812	-
			SPR-4157	59,948	-	-	-	-	-	59,948	-
			SPR-4006	13,161	-	-	-	-	-	13,161	-
			SPR-3865	141	-	-	-	-	-	141	-
			SPR-3912	100,581	-	-	-	-	-	100,581	-
			SPR-4223	11,996	-	-	-	-	-	11,996	-
			TPF-5258	15,560	-	-	-	-	-	15,560	-
			SPR-4112	16,164	-	-	-	-	-	16,164	-
			SPR-4115	59,636	-	-	-	-	-	59,636	-
			2352	108,328	-	-	-	-	-	108,328	-
			SPR-4204	50,817	-	-	-	-	-	50,817	-
			SPR-3710	67,655	-	-	-	-	-	67,655	-
			SPR-4228	-	-	-	-	13,853	-	13,853	-
			SPR-4222	30,438	-	-	-	-	-	30,438	-
			SPR-4160	123,516	-	-	-	-	-	123,516	-
			SPR-4167	26,549	-	-	-	-	-	26,549	-

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**Purdue University
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Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			SPR-4102	191,932	-	-	-	-	-	-	191,932
			SPR-4121	59,495	-	-	-	-	-	-	59,495
			SPR-4158	18,206	-	-	-	-	-	-	18,206
			SPR-4221	22,963	-	-	-	-	-	-	22,963
			SPR-4100	82,129	-	-	-	-	-	-	82,129
			SPR-3945	34,984	-	-	-	-	-	-	34,984
			SPR-4215	15,318	-	-	-	-	-	-	15,318
			SPR-4107	94,966	-	-	-	-	-	-	94,966
			PO #15815724	32,889	-	-	-	-	-	-	32,889
			SPR-4009	82,610	-	-	-	-	-	-	82,610
			SPR-4205	20,857	-	-	-	-	-	-	20,857
			SPR-4043	11,202	-	-	-	-	-	-	11,202
			SPR-4212	18,184	-	-	-	-	-	-	18,184
			SPR-4119	48,292	48,292	-	-	-	-	-	48,292
			SPR-4114	109,446	-	-	-	-	-	-	109,446
			SPR-4109	80,123	-	-	-	-	-	-	80,123
			SPR-4044	31,389	-	-	-	-	-	-	31,389
			SPR-3815	15,652	-	-	-	-	-	-	15,652
			SPR-3407	805	-	-	-	-	-	-	805
			SPR-4153	41,224	-	-	-	-	-	-	41,224
			SPR-4104	53,173	-	-	-	-	-	-	53,173
			SPR-4126	153,282	-	-	-	-	-	-	153,282
			SPR-4154	167	-	-	-	-	-	-	167
			SPR-4210	68,895	-	-	-	-	-	-	68,895
			2042	61,493	-	-	-	-	-	-	61,493
			SPR-2351	5,298	-	-	-	-	-	-	5,298

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			7,104,948	221,460	-	-	16,191	-	7,121,139	221,460
		*** In Department Of Transportation Total								
	Grantor: *** National Academy Of Sciences	HR 20-05(49-05)	13,982	-	-	-	-	-	13,982	-
	Total CFDA No. 20.200		7,118,930	221,460	-	-	16,191	-	7,135,121	221,460
	Highway Safety Cluster									
20.601	Alcohol Traffic Safety and Drunk Driving Prevention Incentive Grants									
	Grantor: *** In Criminal Justice Institute	AWARD #D3-17-11204	57,576	-	-	-	-	-	57,576	-
		EDSI# D3-18-12098	54,069	-	-	-	-	-	54,069	-
	*** In Criminal Justice Institute Total		111,645	-	-	-	-	-	111,645	-
	Total CFDA No. 20.601		111,645	-	-	-	-	-	111,645	-
	Total Highway Safety Cluster		111,645	-	-	-	-	-	111,645	-
20.701	University Transportation Centers Program									
	Grantor: *** University Of Michigan	3004631368	296,019	-	-	-	-	-	296,019	-
	Total CFDA No. 20.701		296,019	-	-	-	-	-	296,019	-
20.RD	U.S. Department of Transportation									
	Grantor: *** Kittelson & Associates	PROJECT #19540 TO #8	68,672	-	-	-	-	-	68,672	-
	Grantor: *** Traffix, Inc	15011460	14,844	-	-	-	-	-	14,844	-
	Grantor: *** University Of Missouri	C00049231-2	5,335	-	-	-	-	-	5,335	-
	Total CFDA No. 20.RD		88,851	-	-	-	-	-	88,851	-
	Total Pass-Through Grantors		7,615,445	221,460	-	-	16,191	-	7,631,636	221,460
	Total Department of Transportation		10,591,721	965,380	-	-	2,942,304	-	13,534,025	965,380

National Aeronautics and Space Administration

Direct Programs by CFDA										
43.001	Science		2,950,856	407,999	-	-	258,558	-	3,209,414	407,999
43.002	Aeronautics		-	-	-	-	13,804	-	13,804	-
43.003	Exploration		15,981	-	-	-	-	-	15,981	-
43.007	Space Operations		223,868	-	-	-	-	-	223,868	-
43.008	Education		117,695	94,490	-	-	940,712	284,641	1,058,407	379,131
43.009	Cross Agency Support		87,338	-	-	-	89,329	-	176,667	-
43.012	Space Technology		404,766	-	-	-	430,132	-	834,898	-
43.RD	National Aeronautics & Space Administration		13,995	-	-	-	-	-	13,995	-
-		1534284	2,405	-	-	-	-	-	2,405	-
-		1537002	113,866	-	-	-	-	-	113,866	-
-		1547388	-	-	-	-	-	-	-	-

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
-	-	1568300	40,238	7,837	-	-	-	-	40,238	7,837
-	-	HST-GO-13378.012-A	13,222	-	-	-	-	-	13,222	-
-	-	HST-GO-13782.012-A	3,816	-	-	-	-	-	3,816	-
-	-	HST-GO-14801.003-A	413	-	-	-	-	-	413	-
-	-	NNX17ED14P	16,731	-	-	-	-	-	16,731	-
-	-	PO. 15N0212	52,052	-	-	-	-	-	52,052	-
*** 43.RD Total			256,736	7,837	-	-	-	-	256,736	7,837
43.U00	National Aeronautics & Space Administration	1537002	-	-	-	-	37,137	-	37,137	-
43.U02	National Aeronautics & Space Administration	80NSSC17K0368	-	-	-	-	38,735	-	38,735	-
Total Direct Programs			4,057,242	510,326	-	-	1,808,407	284,641	5,865,649	794,967
Pass-Through Grants by CFDA										
43.001 Science										
Grantor: *** Analytical Mechanics Assoc. Inc		T00163-FY16	8,510	-	-	-	-	-	8,510	-
Grantor: *** Arizona State University		16-999	65,701	-	-	-	-	-	65,701	-
Grantor: *** Columbia University		NNX16AR75G	2,403	-	-	-	-	-	2,403	-
Grantor: *** Continuous Solutions		16077690	(1)	-	-	-	-	-	(1)	-
Grantor: *** Eagle Harbor Technologies, Inc.		17066953	8,255	-	-	-	-	-	8,255	-
Grantor: *** Hampton University		HU-170001	29,336	-	-	-	-	-	29,336	-
Grantor: *** Intelligent Automation Inc		2231-1	1	-	-	-	-	-	1	-
Grantor: *** Iowa State University		404-29-05A	(710)	-	-	-	-	-	(710)	-
Grantor: *** Jet Propulsion Laboratory		1578703	3,414	-	-	-	-	-	3,414	-
Grantor: *** Lowell Observatory		2016-81490	18,624	-	-	-	-	-	18,624	-
Grantor: *** Pancopla		16066619	23,073	-	-	-	-	-	23,073	-
Grantor: *** Physical Sciences, Inc		SC-6752-46-1	14,437	-	-	-	-	-	14,437	-
Grantor: *** University Corp For Atmospheric Research		Z15-13657	9,445	-	-	-	-	-	9,445	-
Grantor: *** University of Colorado at Boulder		1555205	89,358	-	-	-	-	-	89,358	-
Total CFDA No. 43.001			274,137	-	-	-	-	-	274,137	-
43.002	Aeronautics									

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	Grantor: *** Massachusetts Institute Of Technology	5710003954	50,548	-	-	-	-	-	-	50,548
	Grantor: *** University Of Michigan	3003768538	691	-	-	-	-	-	-	691
	Total CFDA No. 43.002		51,239	-	-	-	-	-	-	51,239
43.RD	National Aeronautics & Space Administration									
	Grantor: *** Air Squared	18067611	7,994	-	-	-	-	-	-	7,994
	Grantor: *** Arizona State University	15-704	10,026	-	-	-	-	-	-	10,026
	Grantor: *** ATA Engineering Inc	17077663	31,976	-	-	-	-	-	-	31,976
	Grantor: *** In Space, Llc	INS-41703-1	174,352	-	-	-	-	-	-	174,352
	Grantor: *** Intelligent Automation Inc	2282-1	109,738	-	-	-	-	-	-	109,738
	Grantor: *** Inventherm	17110894	25,000	-	-	-	-	-	-	25,000
	Grantor: *** Jet Propulsion Laboratory	1557111	87,244	-	-	-	-	-	-	87,244
		1558776	23,448	-	-	-	-	-	-	23,448
		1592873	16,221	-	-	-	-	-	-	16,221
	*** Jet Propulsion Laboratory Total		126,913	-	-	-	-	-	-	126,913
	Grantor: *** Logistics Management Institute-LMI	SB17-00053	33,662	-	-	-	-	-	-	33,662
	Grantor: *** National Institute Of Aerospace	601010	160,043	-	-	-	-	-	-	160,043
	Grantor: *** Optimal Synthesis Inc	14087928	52,065	-	-	-	-	-	-	52,065
	Grantor: *** Other Lab	16077713	(3,509)	-	-	-	-	-	-	(3,509)
	Grantor: *** Physical Sciences, Inc	SC 698246-1	44,490	-	-	-	-	-	-	44,490
		SC6911-46-1	37,786	-	-	-	-	-	-	37,786
	*** Physical Sciences, Inc Total		82,276	-	-	-	-	-	-	82,276
	Grantor: *** Space Telescope Science Institute	HST-GO-14202.014-A	8,141	-	-	-	-	-	-	8,141
	Grantor: *** University Of Michigan	3002485426	57,053	-	-	-	-	-	-	57,053
	Total CFDA No. 43.RD		875,730	-	-	-	-	-	-	875,730
43.U01	National Aeronautics & Space Administration									
	Grantor: *** Ultramet	SC NNX15CS02C	-	-	-	-	-	68,095	-	68,095
	Total CFDA No. 43.U01		-	-	-	-	-	68,095	-	68,095
	Total Pass-Through Grantors		1,201,106	-	-	-	-	68,095	-	1,269,201

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Total National Aeronautics and Space Administration			5,258,348	510,326	-	-	1,876,502	284,641	7,134,850	794,987
National Endowment of the Arts and Humanities										
<i>Direct Programs by CFDA</i>										
45.025	Promotion of the Arts_Partnership Agreements	-	-	-	-	-	2,625	-	2,625	-
45.161	Promotion of the Humanities_Research	-	26,037	10,562	-	-	-	-	26,037	10,562
45.312	National Leadership Grants	-	541	541	-	-	-	-	541	541
45.100	National Endowment for the Arts & Humanities	HT-23.1824-15	-	-	-	-	3,591	-	3,591	-
Total Direct Programs			26,578	11,103	-	-	6,216	-	32,794	11,103
Total National Endowment of the Arts and Humanities			26,578	11,103	-	-	6,216	-	32,794	11,103
National Science Foundation										
<i>Direct Programs by CFDA</i>										
47.041	Engineering Grants	-	19,353,132	1,828,568	-	-	-	-	19,353,132	1,828,568
47.049	Mathematical and Physical Sciences	-	9,588,897	-	-	-	-	-	9,588,897	-
47.050	Geosciences	-	2,678,613	164,100	-	-	-	-	2,678,613	164,100
47.070	Computer and Information Science and Engineering	-	16,381,108	2,950,273	-	-	-	-	16,381,108	2,950,273
47.074	Biological Sciences	-	4,568,874	249,365	-	-	-	-	4,568,874	249,365
47.075	Social, Behavioral, and Economic Sciences	-	908,322	6,799	-	-	-	-	908,322	6,799
47.076	Education and Human Resources	-	9,853,026	632,891	-	-	-	-	9,853,026	632,891
47.078	Polar Programs	-	50,995	-	-	-	-	-	50,995	-
47.079	International Science and Engineering (OISE)	-	376,216	154,257	-	-	-	-	376,216	154,257
47.080	Office of Cyberinfrastructure	-	15,997	-	-	-	-	-	15,997	-
47.RD	National Science Foundation	28-S172814	61,559	-	-	-	-	-	61,559	-
Total Direct Programs			27,042	27,042	-	-	-	-	27,042	-
*** 47.RD Total			88,601	-	-	-	-	-	88,601	-
Total Direct Programs			63,863,851	5,986,053	-	-	-	-	63,863,851	5,986,053
<i>Pass-Through Grantors by CFDA</i>										
47.041	Engineering Grants	-	-	-	-	-	-	-	-	-
Grantor: *** Auburn University			17-ENG-200641-PU	11,363	-	-	-	-	11,363	-
Grantor: *** Boise State University			6853-A	13,577	-	-	-	-	13,577	-
Grantor: *** Carnegie-Mellon University			1123249-390801	20,851	-	-	-	-	20,851	-
Grantor: *** CrossLife Technologies Inc			17066873	64,844	-	-	-	-	64,844	-

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	Grantor: *** Ento Bio	17089006	6,994	-	-	-	-	-	-	6,994
	Grantor: *** Florida International University	800004153-01	11,815	-	-	-	-	-	-	11,815
	Grantor: *** Northwestern University	SPO027655-PROJ0007253	150,376	-	-	-	-	-	-	150,376
	Grantor: *** Nufarmaize	17066893	62,019	-	-	-	-	-	-	62,019
	Grantor: *** Rutgers, The State University	2297	86,964	-	-	-	-	-	-	86,964
	Grantor: *** Rutgers, The State University	5792	55,701	-	-	-	-	-	-	55,701
	*** Rutgers, The State University Total		142,665	-	-	-	-	-	-	142,665
	Grantor: *** Thermerics, Inc	17066906	60,905	-	-	-	-	-	-	60,905
	Grantor: *** University Of Louisville	ULRF 16-1333	22,791	-	-	-	-	-	-	22,791
	Grantor: *** University of Massachusetts Dartmouth	27542	4,368	-	-	-	-	-	-	4,368
	Grantor: *** University Of Michigan	3004362735	276,101	-	-	-	-	-	-	276,101
	Grantor: *** University Of Notre Dame	202468PU	63,352	-	-	-	-	-	-	63,352
	Grantor: *** Vibronix Inc	16121514	13,103	-	-	-	-	-	-	13,103
	Grantor: *** VinSense LLC	15121049	(3,790)	-	-	-	-	-	-	(3,790)
	Grantor: *** Wepan	1445076-EEC	(7,881)	-	-	-	-	-	-	(7,881)
	Total CFDA No. 47,041		913,455	-	-	-	-	-	-	913,455
47,049	Mathematical and Physical Sciences									
	Grantor: *** Assoc of Univ for Res in Astronomy	N60023C-L	119,929	-	-	-	-	-	-	119,929
	Grantor: *** Boise State University	6118-A	4,582	-	-	-	-	-	-	4,582
	Grantor: *** Columbia University	1 (GG006897)	16,073	-	-	-	-	-	-	16,073
	Grantor: *** Mississippi State University	031900.362651.01	30,880	-	-	-	-	-	-	30,880
	Grantor: *** Norfolk State University	F-1040044	(43)	-	-	-	-	-	-	(43)
	Grantor: *** Princeton University	SUB0000181	690,070	-	-	-	-	-	-	690,070
		00002018	(1,448)	-	-	-	-	-	-	(1,448)
		SUB0000074	(508)	-	-	-	-	-	-	(508)
	*** Princeton University Total		668,114	-	-	-	-	-	-	668,114

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	Grantor: *** University Of Michigan	3002095871	5,877	-	-	-	-	-	-	5,877	
	Grantor: *** University Of Minnesota	00000524406	2	-	-	-	-	-	-	2	
	Grantor: *** University Of Nebraska-Lincoln	25-0521-0178-007	29,432	-	-	-	-	-	-	29,432	
	Grantor: *** University Of Notre Dame	1219444-PHY	12,243	-	-	-	-	-	-	12,243	
	Total CFDA No. 47.049		907,089	-	-	-	-	-	-	907,089	
47.050	Geosciences										
	Grantor: *** Columbia University	55(GG008993)	6,652	-	-	-	-	-	-	6,652	
		1(GG006672)	41,988	-	-	-	-	-	-	41,988	
		1(GG013199)	23,046	-	-	-	-	-	-	23,046	
		1(GG013208)	96,045	-	-	-	-	-	-	96,045	
	*** Columbia University Total		167,731	-	-	-	-	-	-	167,731	
	Grantor: *** Univ Of Illinois At Champaign-Urbana	072212-14701	48,235	-	-	-	-	-	-	48,235	
	Total CFDA No. 47.050		215,966	-	-	-	-	-	-	215,966	
47.070	Computer and Information Science and Engineering										
	Grantor: *** George Mason University	E2043283	14,018	-	-	-	-	-	-	14,018	
	Grantor: *** Michigan State University	RC-104355PUR	79,875	-	-	-	-	-	-	79,875	
	Grantor: *** Northeastern University	502373-78050	22,444	-	-	-	-	-	-	22,444	
	Grantor: *** Rochester Institute Of Technology	31704-01	(249)	-	-	-	-	-	-	(249)	
	Grantor: *** Univ Of Illinois At Champaign-Urbana	083842-16071	278,884	-	-	-	-	-	-	278,884	
	Grantor: *** University Of California - San Diego	78283280	597,130	-	-	-	-	-	-	597,130	
	Grantor: *** University Of Denver	SC37237-01-00	22,057	-	-	-	-	-	-	22,057	
	Grantor: *** University Of Illinois At Chicago	2016-02752-01-00-DT	(355)	-	-	-	-	-	-	(355)	
	Grantor: *** University Of Maryland	17266-Z4314001	41,622	-	-	-	-	-	-	41,622	
	Grantor: *** University Of Minnesota	A006581302	32,222	-	-	-	-	-	-	32,222	
	Grantor: *** University Of Notre Dame	202369PU	58,234	-	-	-	-	-	-	58,234	
	Total CFDA No. 47.070		1,145,882	-	-	-	-	-	-	1,145,882	
47.074	Biological Sciences										
	Grantor: *** Louisiana State University	PO-0000025955	19,008	-	-	-	-	-	-	19,008	

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	Grantor: *** Michigan State University	RC-104982PU	223,991	-	-	-	-	-	-	223,991
		RC-105234PU	92,605	-	-	-	-	-	-	92,605
	*** Michigan State University Total		316,596	-	-	-	-	-	-	316,596
	Grantor: *** New York University	F7304-03	55,731	-	-	-	-	-	-	55,731
	Grantor: *** North Carolina State University	2014-2564-01	508,755	-	-	-	-	-	-	508,755
	Grantor: *** University Of Minnesota	H003254004	(381)	-	-	-	-	-	-	(381)
	Grantor: *** University Of Missouri-Columbia	C00029481-2	150	-	-	-	-	-	-	150
	Grantor: *** University Of Wisconsin-Madison	758K984	24,139	-	-	-	-	-	-	24,139
	Grantor: *** Virginia Tech	479498-19084	14,056	-	-	-	-	-	-	14,056
	*** Virginia Tech Total	478778-19084	(315)	-	-	-	-	-	-	(315)
			13,741	-	-	-	-	-	-	13,741
	Grantor: *** Washington State University	123672-G003456	222,155	-	-	-	-	-	-	222,155
	Total CFDA No. 47.074		1,159,894	-	-	-	-	-	-	1,159,894
47.075	Social, Behavioral, and Economic Sciences									
	Grantor: *** University Of Chicago	FP043343-02-B	123,232	-	-	-	-	-	-	123,232
	Total CFDA No. 47.075		123,232	-	-	-	-	-	-	123,232
47.076	Education and Human Resources									
	Grantor: *** Arizona State University	16-809	1,834	-	-	-	-	-	-	1,834
	Grantor: *** Automotive Mf Technical Education	KCT-PS-633 & KCT-PS-677	(6,287)	-	-	-	-	-	-	(6,287)
	Grantor: *** College Of William And Mary	714483	36,312	-	-	-	-	-	-	36,312
	Grantor: *** Kansas State University	S17136	105,405	-	-	-	-	-	-	105,405
	Grantor: *** Ohio State University	60059092	51,577	-	-	-	-	-	-	51,577
	Grantor: *** Pennsylvania State University	5430-PU-NSF-1450	8,729	-	-	-	-	-	-	8,729
	Grantor: *** Sinclair Community College	SCC-1700531	4,302	-	-	-	-	-	-	4,302
		1304405	14,473	-	-	-	-	-	-	14,473
	*** Sinclair Community College Total		18,775	-	-	-	-	-	-	18,775
	Grantor: *** SUNY At Albany	#16-15	36,781	-	-	-	-	-	-	36,781

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	Grantor: *** The Concord Consortium Inc	299-01	221,716	-	-	-	-	-	-	221,716
	Grantor: *** University Of Minnesota	A003014102	578,350	-	-	-	-	-	-	578,350
	Grantor: *** University Of Missouri	C00055471-1	16,267	-	-	-	-	-	-	16,267
	Grantor: *** University Of Pittsburgh	004-8046 (011774-1)	13,359	-	-	-	-	-	-	13,359
	Grantor: *** University Of Wisconsin-Madison	665K380	22,523	-	-	-	-	-	-	22,523
	Grantor: *** Vanderbilt University	UNIV59509	31,033	-	-	-	-	-	-	31,033
	Grantor: *** Virginia Polytechnic Inst & State Univ	479710-1-9084	2,022	-	-	-	-	-	-	2,022
	Total CFDA No. 47.076		1,138,396	-	-	-	-	-	-	1,138,396
47.078	Polar Programs									
	Grantor: *** University Of Colorado	154-9864	17,079	-	-	-	-	-	-	17,079
	Total CFDA No. 47.078		17,079	-	-	-	-	-	-	17,079
47.079	International Science and Engineering (OISE)									
	Grantor: *** CRDF Global	OISE-15-61556-1	7,108	-	-	-	-	-	-	7,108
	Grantor: *** Michigan Technological University	1110090Z4	62,547	-	-	-	-	-	-	62,547
	Total CFDA No. 47.079		69,655	-	-	-	-	-	-	69,655
47.RD	National Science Foundation									
	Grantor: *** GreenTech Solution	00052920	4	-	-	-	-	-	-	4
	Grantor: *** Phyloption LLC	16012614	72,446	-	-	-	-	-	-	72,446
	Grantor: *** SmartGait	16121589	14,210	-	-	-	-	-	-	14,210
	Grantor: *** University Of California - Davis	UCD382823	14,489	-	-	-	-	-	-	14,489
	Total CFDA No. 47.RD		101,159	-	-	-	-	-	-	101,159
	Total Pass-Through Grantors		5,791,807	-	-	-	-	-	-	5,791,807
	Total National Science Foundation		69,655,388	5,986,053	-	-	-	-	-	69,655,388
	Small Business Administration									
	Pass-Through Grantors by CFDA									
59.037	Small Business Development Center									
	Grantor: *** IN Economic Development Corporation	EDS# A342-8-SBDC-18-110	-	-	-	-	-	132,136	-	132,136
	Grantor: *** Office of Small Business & Entrisip	EDS# A69-7-SBDC-16-209	-	-	-	-	-	62,953	-	62,953
		EDS# A69-7-SBDC-18-210	-	-	-	-	-	15,454	-	15,454

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		EDSF A342-8-SBDC-18-109	-	-	-	102,514	-	-	-	102,514
		EDSF A342-8-SBDC-18-113	-	-	-	55,350	-	-	-	55,350
		EDSF A69-7-SBDC-16-212	-	-	-	117,684	-	-	-	117,684
		EDSF A69-7-SBDC-16-211	-	-	-	100,858	-	-	-	100,858
		EDSF A342-8-SBDC-18-111	-	-	-	108,297	-	-	-	108,297
	*** Office of Small Business & Entrisrp	Total	-	-	-	695,246	-	-	-	695,246
	Total CFDA No. 59.037		-	-	-	695,246	-	-	-	695,246
	Total Pass-Through Grantors		-	-	-	695,246	-	-	-	695,246
	Total Small Business Administration		-	-	-	695,246	-	-	-	695,246

Environmental Protection Agency

Direct Programs by CFDA

66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper	-	4,505	3,265	-	5,438	-	-	-	9,943	3,265
66.509	Science To Achieve Results (STAR) Research Program	-	52,259	(570)	-	-	-	-	-	52,259	(570)
66.511	Offices of Research and Development Consolidated Research/Training	-	521,654	224,278	-	-	-	-	-	521,654	224,278
66.514	Science To Achieve Results (STAR) Fellowship Program	-	-	-	-	14,343	-	-	-	14,343	-
66.516	P3 Award: National Student Design Competition for Sustainability	-	16,570	-	-	-	-	-	-	16,570	-
66.608	Environmental Information Exchange Network Grant Program and Related Assistance	-	38,756	-	-	-	-	-	-	38,756	-
66.700	Consolidated Pesticide Enforcement Cooperative Agreements	-	-	-	-	727,368	-	-	-	727,368	-
66.RD	Environmental Protection Agency	00E02320	26,120	-	-	-	-	-	-	26,120	-
	Total Direct Programs		659,864	226,973	-	747,149	-	-	-	1,407,013	226,973

Pass-Through Grantors by CFDA

66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper		-	-	-	8,349	-	-	-	8,349	-
	Grantor: *** University Of Minnesota	H00506402	-	-	-	8,349	-	-	-	8,349	-
	Total CFDA No. 66.436		-	-	-	8,349	-	-	-	8,349	-
66.460	Nonpoint Source Implementation Grants		-	-	-	-	-	-	-	-	-
	Grantor: *** In Department Of Environmental Mgmt	CONTRACT# 19146	155,818	-	-	-	-	-	-	155,818	-
	Grantor: *** In Department Of Environmental Mgmt	CONTRACT ID 23109	-	-	-	9,051	-	-	-	9,051	-
	*** In Department Of Environmental Mgmt		155,818	-	-	9,051	-	-	-	164,869	-
	Total CFDA No. 66.460		155,818	-	-	9,051	-	-	-	164,869	-
66.708	Pollution Prevention Grants Program		-	-	-	-	-	-	-	-	-
	Grantor: *** In Department Of Environmental Mgmt	A305-5-186	-	-	-	(364)	-	-	-	(364)	-

* denotes major programs

***denotes pass-through agency

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Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	<i>Total CFDA No. 66.708</i>		-	-	-	-	(364)	-	-	(364)
66.951	Environmental Education Grants									
	Grantor: *** University Of Nebraska-Lincoln	25-6321-0341-004	26	-	-	-	-	-	-	26
	<i>Total CFDA No. 66.951</i>		26	-	-	-	-	-	-	26
66.RD	Environmental Protection Agency									
	Grantor: *** Amec	16098772	10,954	-	-	-	-	-	-	10,954
	Grantor: *** MACTECH Engineering And Consulting, Inc.	6064090003	3,570	-	-	-	-	-	-	3,570
	Grantor: *** Pegasus Technical Services Inc	PUR-16-001	5,856	-	-	-	-	-	-	5,856
		PUR-17-001	18,252	-	-	-	-	-	-	18,252
		PUR-18-001	58,257	-	-	-	-	-	-	58,257
	*** Pegasus Technical Services Inc Total		82,365	-	-	-	-	-	-	82,365
	<i>Total CFDA No. 66.RD</i>		96,889	-	-	-	-	-	-	96,889
	<i>Total Pass-Through Grantors</i>		252,733	-	-	-	17,036	-	-	269,769
	<i>Total Environmental Protection Agency</i>		912,597	226,973	-	-	764,185	-	-	1,676,782
	Nuclear Regulatory Commission									
	<i>Direct Programs by CFDA</i>									
77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	-	69,117	-	-	-	109,360	-	-	178,477
77.009	U.S. Nuclear Regulatory Commission Ofc of Research Financial Assistance Program	-	106,484	-	-	-	-	-	-	106,484
77.RD	Nuclear Regulatory Commission									
		NRC-HQ-60-14-T-0001	124,116	124,116	-	-	-	-	-	124,116
		NRC-HQ-60-15-T-0001	339,824	282,194	-	-	-	-	-	339,824
		NRC-HQ-60-16-T-0001	34,255	-	-	-	-	-	-	34,255
		NRC-HQ-84-14-G-0048	81,217	-	-	-	-	-	-	81,217
	*** 77.RD Total		579,412	406,310	-	-	-	-	-	406,310
	<i>Total Direct Programs</i>		755,013	406,310	-	-	109,360	-	-	864,373
	<i>Pass-Through Grantors by CFDA</i>									
77.009	U.S. Nuclear Regulatory Commission Ofc of Research Financial Assistance Program									
	Grantor: *** Pennsylvania State University	5815-PU-USNRC-0003	75,181	-	-	-	-	-	-	75,181
	<i>Total CFDA No. 77.009</i>		75,181	-	-	-	-	-	-	75,181
	<i>Total Pass-Through Grantors</i>		75,181	-	-	-	-	-	-	75,181
	<i>Total Nuclear Regulatory Commission</i>		830,194	406,310	-	-	109,360	-	-	939,654

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Purdue University
Schedule of Expenditures of Federal Awards
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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Department of Energy										
<i>Direct Programs by CFDA</i>										
81.041	State Energy Program	-	39,945	-	-	-	-	-	39,945	-
81.049	Office of Science Financial Assistance Program	-	8,259,087	476,839	-	-	-	-	8,259,087	476,839
81.086	Conservation Research and Development	-	214,081	-	-	-	-	-	214,081	-
81.087	Renewable Energy Research and Development	-	1,711,614	578,661	-	-	-	-	1,711,614	578,661
81.089	Fossil Energy Research and Development	-	395,100	1,402	-	-	-	-	395,100	1,402
81.117	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Trial	-	1,424	-	-	-	-	-	1,424	-
81.121	Nuclear Energy Research, Development and Demonstration	-	1,017,332	525,590	-	-	15,000	-	1,032,332	525,590
81.124	Predictive Science Academic Alliance Program	-	63,958	-	-	-	-	-	63,958	-
81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	-	2,260,301	523,263	-	-	-	-	2,260,301	523,263
81.RD	U.S. Department of Energy	115108	88,983	7,960	-	-	-	-	88,983	7,960
-	-	121165	77,068	-	-	-	-	-	77,068	-
-	-	123780	83,486	-	-	-	-	-	83,486	-
-	-	1510347	(1,257)	-	-	-	-	-	(1,257)	-
-	-	16011798	8,993	-	-	-	-	-	8,993	-
-	-	16044777	127,328	-	-	-	-	-	127,328	-
-	-	1631337	1,037	-	-	-	-	-	1,037	-
-	-	1643429	64,738	-	-	-	-	-	64,738	-
-	-	169600	(461)	-	-	-	-	-	(461)	-
-	-	169758	30,847	-	-	-	-	-	30,847	-
-	-	1712680	50,783	-	-	-	-	-	50,783	-
-	-	1735706	148,195	-	-	-	-	-	148,195	-
-	-	1746523	83,424	-	-	-	-	-	83,424	-
-	-	1752428	34,095	-	-	-	-	-	34,095	-
-	-	1755561	54,964	-	-	-	-	-	54,964	-
-	-	1757154	94,011	-	-	-	-	-	94,011	-
-	-	1758763	27,239	-	-	-	-	-	27,239	-
-	-	1759547	31,789	-	-	-	-	-	31,789	-
-	-	1759605	81,438	-	-	-	-	-	81,438	-
-	-	1760144	(1,827)	-	-	-	-	-	(1,827)	-
-	-	1760540	77,162	-	-	-	-	-	77,162	-
-	-	1766360	91,259	-	-	-	-	-	91,259	-
-	-	1766422	122,711	-	-	-	-	-	122,711	-
-	-	1794986	58,139	-	-	-	-	-	58,139	-
-	-	18024806	800	-	-	-	-	-	800	-
-	-	181109	50,978	-	-	-	-	-	50,978	-
-	-	1826765	75,581	-	-	-	-	-	75,581	-
-	-	1835811	39,332	-	-	-	-	-	39,332	-
-	-	1845572	36,834	-	-	-	-	-	36,834	-
-	-	1847039	30,596	-	-	-	-	-	30,596	-
-	-	1861716	55,031	-	-	-	-	-	55,031	-
-	-	1861780	30,318	-	-	-	-	-	30,318	-
-	-	1869365	63,074	-	-	-	-	-	63,074	-
-	-	1895765	3,750	-	-	-	-	-	3,750	-
-	-	189820	66,930	-	-	-	-	-	66,930	-
-	-	192382	10,061	-	-	-	-	-	10,061	-
-	-	201079	27,475	-	-	-	-	-	27,475	-
-	-	365253	81,163	-	-	-	-	-	81,163	-
-	-	383274	117,358	-	-	-	-	-	117,358	-
-	-	389810	19,376	-	-	-	-	-	19,376	-
-	-	4000131240	(13,950)	-	-	-	-	-	(13,950)	-
-	-	4000136253	8,484	-	-	-	-	-	8,484	-
-	-	4000151703	71,032	-	-	-	-	-	71,032	-
-	-	4000153378	4,231	-	-	-	-	-	4,231	-
-	-	4000155259	82,206	-	-	-	-	-	82,206	-
-	-	4000157714	84,952	17,500	-	-	-	-	84,952	17,500

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**Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018**

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
-	-	400161104	4,772	-	-	-	-	-	-	4,772
-	-	439744	29,858	-	-	-	-	-	-	29,858
-	-	4F-32042	154,228	-	-	-	-	-	-	154,228
-	-	5F-30781	84,317	-	-	-	-	-	-	84,317
-	-	616078	1,620	-	-	-	-	-	-	1,620
-	-	631495	29,082	-	-	-	-	-	-	29,082
-	-	6F-31821	805	-	-	-	-	-	-	805
-	-	6F-32281	30,929	-	-	-	-	-	-	30,929
-	-	7005923	6,551	-	-	-	-	-	-	6,551
-	-	7F-30197	101,670	-	-	-	-	-	-	101,670
-	-	7F-30202	8,000	-	-	-	-	-	-	8,000
-	-	8F-30010	37,743	-	-	-	-	-	-	37,743
-	-	B614105	(5,226)	-	-	-	-	-	-	(5,226)
-	-	B616105	16,641	-	-	-	-	-	-	16,641
-	-	B618024	138,665	-	-	-	-	-	-	138,665
-	-	B621059	53,967	-	-	-	-	-	-	53,967
-	-	DE-S00014281	93,352	-	-	-	-	-	-	93,352
-	-	DE-S00018238	109,221	-	-	-	-	-	-	109,221
-	-	NTP18035115	27,966	-	-	-	-	-	-	27,966
-	-	PO #1853829	58,818	-	-	-	-	-	-	58,818
-	-	PO #636192	2,500	-	-	-	-	-	-	2,500
-	-	PO 1760475	106,487	-	-	-	-	-	-	106,487
-	-	PO#1920970	1,643	-	-	-	-	-	-	1,643
-	-	PO104741	166,895	-	-	-	-	-	-	166,895
-	-	PO1852765	87,403	-	-	-	-	-	-	87,403
-	-	PO4300230758	1	-	-	-	-	-	-	1
-	-	SC-10-334	344,600	-	-	-	-	-	-	344,600
-	-	SC-13-393	832,898	14,452	-	-	-	-	-	832,898
-	-	XDL18-82050-01	51,871	-	-	-	-	-	-	51,871
-	-	XELJ-3-23225-01	153,552	-	-	-	-	-	-	153,552
-	-	XEU-6-62534-01	(4,706)	-	-	-	-	-	-	(4,706)
-	-	ZEJ16-62142-01	156,597	-	-	-	-	-	-	156,597
-	-	*** 81_RD Total	5,262,416	39,912	-	-	-	-	-	5,262,416
81.U00	U.S. Department of Energy	PURCHASE ORDER 104741	-	-	-	-	(792)	-	-	(792)
81.U01	U.S. Department of Energy	118189	-	-	-	-	665	-	-	665
81.U02	U.S. Department of Energy	339321	-	-	-	-	4,269	-	-	4,269
81.U03	U.S. Department of Energy	368096	-	-	-	-	123,173	-	-	123,173
Total Direct Programs			19,225,268	2,145,667	-	-	142,315	-	-	19,367,583
Pass-Through Grantors by CFDA										
81.049	Office of Science Financial Assistance Program									
Grantor: *** Chapman University	500307-0002		76,032	-	-	-	-	-	-	76,032
Grantor: *** New York University	PO#1800145022		60,659	-	-	-	-	-	-	60,659
Grantor: *** Northern Arizona University	1002255-01		26,301	-	-	-	-	-	-	26,301
Grantor: *** Smithsonian Astrophysical Observatory	SV1-71004		2,242	-	-	-	-	-	-	2,242
Grantor: *** Stanford University	27273640-49105-C		(15)	-	-	-	13	-	-	(2)
	61351722-124215		223,602	-	-	-	-	-	-	223,602
	*** Stanford University Total		223,587	-	-	-	13	-	-	223,600

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	<i>Total CFDA No. 81.049</i>		388,821	-	-	13	-	-	-	388,834
81.086	Conservation Research and Development									
	Grantor: *** Texas A&M University	C7401	147,802	-	-	-	-	-	-	147,802
	Grantor: *** University Of Tennessee (The)	PA16-0349-7.1-01	1,557,769	-	-	-	-	-	-	1,557,769
		PA16-0349-4.2-01	5,447	-	-	-	-	-	-	5,447
	*** University Of Tennessee (The) Total		1,563,216	-	-	-	-	-	-	1,563,216
	<i>Total CFDA No. 81.086</i>		1,711,018	-	-	-	-	-	-	1,711,018
81.087	Renewable Energy Research and Development									
	Grantor: *** 3m Pharmaceuticals	DE-EE007270	134,815	-	-	-	-	-	-	134,815
	Grantor: *** Arizona State University	17-091	67,371	-	-	-	-	-	-	67,371
	Grantor: *** Mercatus Biorefining	13032921	-	-	-	-	-	-	-	-
	Grantor: *** Stanford University	60220590-51077-P	13,161	-	-	-	-	-	-	13,161
	<i>Total CFDA No. 81.087</i>		215,347	-	-	-	-	-	-	215,347
81.113	Defense Nuclear Nonproliferation Research									
	Grantor: *** North Carolina State University	2014-0501-03	281,947	-	-	-	-	-	-	281,947
	<i>Total CFDA No. 81.113</i>		281,947	-	-	-	-	-	-	281,947
81.121	Nuclear Energy Research, Development and Demonstration									
	Grantor: *** Battelle Energy Alliance Llc	195702	30,132	-	-	-	-	-	-	30,132
	Grantor: *** Boise State University	7161-A	116,710	-	-	-	-	-	-	116,710
	Grantor: *** North Carolina State University	2016-1536-01	149,770	-	-	-	-	-	-	149,770
	Grantor: *** Oregon State University	G0137A-A	959	-	-	-	-	-	-	959
	Grantor: *** Texas Engineering Experiment Station	28-S172806	48,214	-	-	-	-	-	-	48,214
	<i>Total CFDA No. 81.121</i>		345,785	-	-	-	-	-	-	345,785
81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program									
	Grantor: *** Utah State University	201254-465	56,207	-	-	-	-	-	-	56,207
	<i>Total CFDA No. 81.135</i>		56,207	-	-	-	-	-	-	56,207
81.RD	U.S. Department of Energy									
	Grantor: *** Advanced Research Corporation	17336	10,403	-	-	-	-	-	-	10,403
	Grantor: *** Aerojet Rocketdyne INC	200064738	672,130	-	-	-	-	-	-	672,130
	Grantor: *** Battelle Energy Alliance Llc	194026	21,480	-	-	-	-	-	-	21,480

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	Grantor: *** BERKELEY, LAWRENCE LABORATORY	7118206	144,484	-	-	-	-	-	-	144,484
	Grantor: *** Colorado State University	G-40132-01	1,000	-	-	-	-	-	-	1,000
	Grantor: *** Lawrence Livermore National Laboratory	B627599	8,193	-	-	-	-	-	-	8,193
		B628390	8,637	-	-	-	-	-	-	8,637
	*** Lawrence Livermore National Laboratory Total		16,830	-	-	-	-	-	-	16,830
	Grantor: *** Oak Ridge National Laboratory	4000152746	27,071	-	-	-	-	-	-	27,071
		4000152822	74,864	-	-	-	-	-	-	74,864
	*** Oak Ridge National Laboratory Total		101,935	-	-	-	-	-	-	101,935
	Grantor: *** University Of Notre Dame	UND FUND #202199	179,768	-	-	-	-	-	-	179,768
	Grantor: *** University Of Tennessee (The)	PA16-0349-3.11-01	68,132	-	-	-	-	-	-	68,132
		PA16-0349-3.2-01	(148)	-	-	-	-	-	-	(148)
		PA16-0349-3.2-02	508,390	-	-	-	-	-	-	508,390
		PA16-0349-3.7-01	79,353	-	-	-	-	-	-	79,353
		PA16-0349-3.9-01	72,163	-	-	-	-	-	-	72,163
	*** University Of Tennessee (The) Total		727,890	-	-	-	-	-	-	727,890
	Total CFDA No. 81.RD		1,875,920	-	-	-	-	-	-	1,875,920
81.U04	U.S. Department of Energy		-	-	-	-	-	117,122	-	117,122
	Grantor: *** University Of Kentucky	3200001517-18-076	-	-	-	-	-	117,135	-	117,135
	Total CFDA No. 81.U04		-	-	-	-	-	117,122	-	117,122
	Total Pass-Through Grantors		4,875,045	-	-	-	-	117,135	-	4,992,180
	Total Department of Energy		24,100,313	2,145,667	-	-	-	259,450	-	24,399,763
										2,145,667
Department of Education										
Direct Programs by CFDA										
84.007	Federal Supplemental Educational Opportunity Grants	-	-	-	-	-	-	2,326,445	-	2,326,445
84.033	Federal Work-Study Program	-	-	-	-	-	-	1,435,191	-	1,435,191
84.038	Federal Perkins Loan Program_Federal Capital Contributions	-	-	-	-	-	-	2,538	-	2,538
84.038	LOAN/LOAN GUARANTEE - Federal Perkins Loan Program_Federal Capital Contributions	-	-	-	-	-	-	525,309	-	525,309
	Trio Cluster									

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84.042	TRIO_Student Support Services		237,341	-	-	-	789,248	-	986,589	-
84.044	TRIO_Talent Search		130,810	-	-	-	497,764	-	628,574	-
84.047	TRIO_Upward Bound		166,896	-	-	-	911,465	-	1,078,361	-
84.217	TRIO_McNair Post-Baccalaureate Achievement		-	-	-	-	92,949	-	92,949	-
	Total Trio Cluster		535,047	-	-	-	2,261,426	-	2,796,473	-
84.063	Federal Pell Grant Program		-	-	53,634,169	-	-	-	53,634,169	-
84.116	Fund for the Improvement of Postsecondary Education		520,089	-	-	-	-	-	520,089	-
84.200	Graduate Assistance in Areas of National Need		44,524	-	-	-	409,140	-	453,664	-
84.206	Javits Gifted and Talented Students Education Grant Program		-	-	-	-	446,149	-	446,149	-
84.220	Centers for International Business Education		-	-	-	-	(18)	-	(18)	-
84.268	LOAN/LOAN GUARANTEE - Federal Direct Student Loans		-	-	195,730,024	-	-	-	195,730,024	-
84.305	Education Research, Development and Dissemination		979,970	193,221	-	-	-	-	979,970	193,221
84.334*	Gaining Early Awareness and Readiness for Undergraduate Program		-	-	-	-	3,230,113	-	3,230,113	275,116
84.365	English Language Acquisition State Grants		259,085	-	-	-	-	-	259,085	-
84.367	Improving Teacher Quality State Grants		10,257	-	-	-	10,084	-	20,341	-
84.379	Teacher Education Asst for College & Higher Education Grants (TEACH Grants)		-	-	27,954	-	-	-	27,954	-
84.RD	U.S. Department of Education	B623433	5,996	-	-	-	-	-	5,996	-
84.U00	U.S. Department of Education	P217A170345	-	-	-	-	197,868	-	197,868	-
84.U01	U.S. Department of Education	18101149	-	-	-	-	95	-	95	-
	Total Direct Programs		2,354,868	193,221	253,681,630	-	6,554,857	-	262,591,355	468,337

Pass-Through Grantors by CFDA

84.048	Vocational Education_Basic Grants to States		-	-	-	-	-	-	-	-
	Grantor: *** In Dept Of Workforce Development	CONTRACT #17356	-	-	-	-	4,599	-	4,599	-
	Total CFDA No. 84.048		-	-	-	-	4,599	-	4,599	-
84.116	Fund for the Improvement of Postsecondary Education		5,242	-	-	-	-	-	5,242	-
	Grantor: *** Endicott College	16055911	-	-	-	-	-	-	-	-
	Grantor: *** Georgia State University	SP00012138-09	-	-	-	-	223,429	-	223,429	-
	Total CFDA No. 84.116		5,242	-	-	-	223,429	-	228,671	-
84.305	Education Research, Development and Dissemination		30,700	-	-	-	-	-	30,700	-
	Grantor: *** Oregon State University	ED161A-B	-	-	-	-	-	-	-	-
	Grantor: *** University Of Denver	SC37327-01-00	6,773	-	-	-	-	-	6,773	-
	Grantor: *** University Of Wisconsin-Madison	482K775	49,808	-	-	-	-	-	49,808	-
	Total CFDA No. 84.305		87,281	-	-	-	-	-	87,281	-
84.366	Mathematics and Science Partnerships		-	-	-	-	198,472	9,577	198,472	9,577
	Grantor: *** In Department Of Education	CONTRACT# 19396	-	-	-	-	-	-	-	-
	Grantor: *** In Department Of Education	CONTRACT# 19996	70,478	-	-	-	-	-	70,478	-
	Grantor: *** In Department Of Education	CONTRACT# 19395	58,206	-	-	-	-	-	58,206	-

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**Purdue University
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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
		CONTRACT# 19644	-	-	-	-	185,416	-	185,416	-
		CONTRACT# 19272	-	-	-	-	154,851	-	154,851	-
	*** In Department Of Education	Total	128,684	-	-	-	538,539	9,577	667,223	9,577
	Total CFDA No. 84.366		128,684	-	-	-	538,539	9,577	667,223	9,577
84.367	Improving Teacher Quality State Grants									
	Grantor: *** In Commission For Higher Education	EDS #I22-16-C0450	85,723	-	-	-	-	-	85,723	-
	Grantor: *** National Writing Project	03-IN06-SEED2016-ILJ	-	-	-	-	7,055	-	7,055	-
	Total CFDA No. 84.367		85,723	-	-	-	7,055	-	92,778	-
	Total Pass-Through Grantors		306,930	-	-	-	773,622	9,577	1,080,552	9,577
	Total Department of Education		2,661,798	193,221	253,861,630	-	7,328,479	284,693	2,663,671,907	477,914

Department of Health and Human Services

Agency for Healthcare Research and Quality

Direct Programs by CFDA

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			-	-	-	-	2,264,604	-	2,264,604	-
			-	-	-	-	2,264,604	-	2,264,604	-
			496,692	52,970	-	-	-	-	496,692	52,970
	Total Direct Programs		496,692	52,970	-	-	2,264,604	-	2,761,296	52,970

Pass-Through Grantors by CFDA

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			-	-	-	-	127,084	-	127,084	-
			-	-	-	-	127,084	-	127,084	-
			61,971	-	-	-	-	-	61,971	-
			13,616	-	-	-	-	-	13,616	-
	*** Indiana University Total		75,587	-	-	-	-	-	75,587	-
	Grantor: *** Northwestern University	60039471PU	300,251	-	-	-	(2,896)	-	297,355	-
	Total CFDA No. 93.226		375,638	-	-	-	(2,896)	-	372,942	-

TANF Cluster

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			-	-	-	-	78,017	-	78,017	-

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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	Total CFDA No. 93.558		-	-	-	-	78,017	-	-	78,017
	Total TANF Cluster		-	-	-	-	78,017	-	-	78,017
93.867	Social Services Block Grant		-	-	-	-	78,742	-	-	78,742
	Grantor: *** Indiana Family Health Council, Inc.	TITLE XX/TANF	-	-	-	-	78,742	-	-	78,742
	Total CFDA No. 93.667		-	-	-	-	78,742	-	-	78,742
	Total Pass-Through Grantors		375,838	-	-	-	280,947	-	-	656,785
	Total Agency for Healthcare Research and Quality		872,530	52,970	-	-	2,545,551	-	-	3,418,081
	Centers for Disease Control and Prevention									
	<i>Direct Programs by CFDA</i>									
93.262	Occupational Safety and Health Program		22,225	-	-	-	61,241	-	-	83,466
93.310	Trans-NIH Research Support		630,740	-	-	-	-	-	-	630,740
	Total Direct Programs		652,965	-	-	-	61,241	-	-	714,206
	<i>Pass-Through Grantors by CFDA</i>									
93.071	Medicare Enrollment Assistance Program		95	-	-	-	-	-	-	95
	Grantor: *** In State Department Of Health	CONTRACT #16829	-	-	-	-	-	-	-	-
	Total CFDA No. 93.071		95	-	-	-	-	-	-	95
93.113	Biological Response to Environmental Health Hazards		22,939	-	-	-	-	-	-	22,939
	Grantor: *** Harvard School of Public Health	112150-5077626	-	-	-	-	-	-	-	-
	Total CFDA No. 93.113		22,939	-	-	-	-	-	-	22,939
93.136	Injury Prevention and Control Research and State and Community Based Programs		-	-	-	-	105,275	-	-	105,275
	Grantor: *** In State Department Of Health	CONTRACT# 18975	-	-	-	-	105,275	-	-	105,275
	Total CFDA No. 93.136		-	-	-	-	105,275	-	-	105,275
93.262	Occupational Safety and Health Program		3,344	-	-	-	-	-	-	3,344
	Grantor: *** Univ Of Cincinnati-Edu & Research Ctr	010412-019	-	-	-	-	-	-	-	-
	Grantor: *** University Of Illinois At Chicago	16593	10,979	-	-	-	-	-	-	10,979
		7373	4,725	-	-	-	-	-	-	4,725
	*** University Of Illinois At Chicago Total		15,704	-	-	-	-	-	-	15,704
	Grantor: *** University Of Michigan	3004953256	19,944	-	-	-	-	-	-	19,944
	Total CFDA No. 93.262		38,992	-	-	-	-	-	-	38,992
93.RD	U.S. Department of Health & Human Services		55,000	-	-	-	-	-	-	55,000
	Grantor: *** Safe Kids	30003687-03	-	-	-	-	-	-	-	-
	Total CFDA No. 93.RD		55,000	-	-	-	-	-	-	55,000
	Total Pass-Through Grantors		117,026	-	-	-	105,275	-	-	222,301
	Total Centers for Disease Control and Prevention		769,991	-	-	-	166,516	-	-	936,507

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Centers for Medicare and Medicaid Services										
<i>Direct Programs by CFDA</i>										
93.638	ACA-Transforming Clinical Practice Initiative: Practice Transf Networks(PTNs)	-	-	-	-	363,083	-	363,083	-	363,083
Total Direct Programs			-	-	-	363,083	-	363,083	-	-
<i>Pass-Through Grantors by CFDA</i>										
93.638	ACA-Transforming Clinical Practice Initiative: Practice Transf Networks(PTNs)	1L1CMS331444-03-00	-	-	-	1,004,815	-	1,004,815	-	1,004,815
Total CFDA No. 93.638			-	-	-	1,004,815	-	1,004,815	-	-
Medicaid Cluster										
93.778	Medical Assistance Program	CONTRACT# 18963	-	-	-	1,622,890	-	1,622,890	-	1,622,890
Total CFDA No. 93.778			-	-	-	1,622,890	-	1,622,890	-	-
Total Medicaid Cluster			-	-	-	1,622,890	-	1,622,890	-	-
93.RD	U.S. Department of Health & Human Services	SC-17-010	343,985	-	-	-	-	343,985	-	343,985
Total CFDA No. 93.RD			343,985	-	-	-	-	343,985	-	-
Total Pass-Through Grantors			343,985	-	-	2,627,705	-	2,971,690	-	-
Total Centers for Medicare and Medicaid Services			343,985	-	-	2,990,788	-	3,334,773	-	-
Food and Drug Administration										
<i>Direct Programs by CFDA</i>										
93.103	Food and Drug Administration_ Research	-	369,025	236,906	-	63,170	-	432,195	-	236,906
93.RD	U.S. Department of Health & Human Services	HHSF223201710137C	90,256	-	-	-	-	90,256	-	-
93.U00	U.S. Department of Health & Human Services	HHSF223201610019C	-	-	-	158,450	-	158,450	-	-
93.U01	U.S. Department of Health & Human Services	HHSF223201410373A	-	-	-	111,939	-	111,939	-	-
93.U04	U.S. Department of Health & Human Services	HHSF223201710104C	-	-	-	10,168	-	10,168	-	-
93.U05	U.S. Department of Health & Human Services	IPA - SANDRA BAI	-	-	-	30,024	-	30,024	-	-
93.U06	U.S. Department of Health & Human Services	IPA - KIERSTEN WALTER	-	-	-	32,600	-	32,600	-	-
Total Direct Programs			459,281	236,906	-	406,371	-	865,652	-	236,906
<i>Pass-Through Grantors by CFDA</i>										
93.103	Food and Drug Administration_ Research	CONTRACT ID#17451	-	-	-	97,627	-	97,627	-	-
Total CFDA No. 93.103			-	-	-	97,627	-	97,627	-	-
93.U01	U.S. Department of Health & Human Services	430-30-01D, AMENDMENT #2	-	-	-	8,000	-	8,000	-	-
Total CFDA No. 93.U01			-	-	-	8,000	-	8,000	-	-
Total Pass-Through Grantors			211,735	-	-	211,735	-	211,735	-	-

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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
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	Grantor: *** Natl Inst for Phrmctcl Tech & Educ	NIPTE-U01-PU-2017-001	41,707	-	-	-	-	-	-	41,707
		NIPTE-U01-PU-2015-001	30,917	-	-	-	-	-	-	30,917
		NIPTE-U01-PU-2017-002	97,050	-	-	-	-	-	-	97,050
		NIPTE-U01-PU-2016-002	174,923	-	-	-	-	-	-	174,923
		NIPTE-U01-PU-2014-003	39	-	-	-	-	-	-	39
		NIPTE-U01-PU-2018-001	132,533	-	-	-	-	-	-	132,533
		NIPTE-U01-PU-2016-002	32,801	-	-	-	-	-	-	32,801
		NIPTE-U01-PU-2016-001	52,126	-	-	-	-	-	-	52,126
	*** Natl Inst for Phrmctcl Tech & Educ Total		562,096	-	-	-	-	-	-	562,096
	Grantor: *** Rutgers, The State University	#5791	354,859	-	-	-	-	-	-	354,859
	Total CFDA No. 93.103		1,128,690	-	-	-	105,627	-	-	1,234,317
93.RD	U.S. Department of Health & Human Services									
	Grantor: *** Vince and Associates	15033782	27,975	-	-	-	-	-	-	27,975
		17012644	81,692	-	-	-	-	-	-	81,692
	*** Vince and Associates Total		109,667	-	-	-	-	-	-	109,667
	Total CFDA No. 93.RD		109,667	-	-	-	-	-	-	109,667
	Total Pass-Through Grantors		1,238,357	-	-	-	105,627	-	-	1,343,984
	Total Food and Drug Administration		1,697,638	236,906	-	-	511,998	-	-	2,209,636
										236,906
Health Resources and Services Administration										
Direct Programs by CFDA										
93.247	Advanced Education Nursing Grant Program		353,620	-	-	-	161,179	-	-	514,799
93.526	Affordable Care Act (ACA) Grants for Capital Development in Health Centers		-	-	-	-	779,148	-	-	779,148
	Total Direct Programs		353,620	-	-	-	940,327	-	-	1,293,947
Pass-Through Grantors by CFDA										
93.107	Model State-Supported Area Health Education Centers									
	Grantor: *** Indiana University	IN4683373UR	66,839	-	-	-	-	-	-	66,839
		IN4683371PUR	28,965	3,500	-	-	-	-	-	28,965
	*** Indiana University Total		95,804	3,500	-	-	-	-	-	95,804
	Total CFDA No. 93.107		95,804	3,500	-	-	-	-	-	95,804
93.241	State Rural Hospital Flexibility Program Total									
	Grantor: *** In State Office Of Rural Health	16550	-	-	-	-	6,343	-	-	6,343

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	Total CFDA No. 93,241		-	-	-	-	6,343	-	-	6,343
93.359	Nurse Education, Practice and Retention Grants									
	Grantor: *** Community Health Network	14087124	1,423	-	-	-	-	-	-	1,423
	Total CFDA No. 93,359		1,423	-	-	-	-	-	-	1,423
93.912	Rural Health Care Services Outreach and Rural Health Network Development Program									
	Grantor: *** ASPIN	15098384	27,037	-	-	-	-	-	-	27,037
	Total CFDA No. 93,912		27,037	-	-	-	-	-	-	27,037
	Total Pass-Through Grantors		124,264	3,500	-	-	6,343	-	-	130,607
	Total Health Resources and Services Administration		477,884	3,500	-	-	946,670	-	-	1,424,554

National Institute of Health

Direct Programs by CFDA

93.001	Civil Rights and Privacy Rule Compliance Activities		35,380	-	-	-	-	-	-	35,380
93.113	Biological Response to Environmental Health Hazards		1,009,251	140,004	-	-	-	-	-	1,009,251
93.121	Oral Diseases and Disorders Research		62,323	-	-	-	-	-	-	62,323
93.173	Research Related to Deafness and Communication Disorders		4,114,703	59,852	-	-	-	-	-	4,114,703
93.213	Research and Training in Complementary and Alternative Medicine		840,454	280,387	-	-	-	-	-	840,454
93.242	Mental Health Research Grants		1,197,519	10,325	-	-	-	-	-	1,197,519
93.273	Alcohol Research Programs		314,441	-	-	-	-	-	-	314,441
93.279	Drug Abuse and Addiction Research Programs		300,479	-	-	-	-	-	-	300,479
93.286	Discovery and Applied Research for Technological Innovations to Improve Human He		506,516	182,560	-	-	-	-	-	506,516
93.310	Trans-NIH Research Support		2,869,353	320,130	-	-	-	-	-	2,869,353
93.342	LOAN/LOAN GUARANTEE - Health Professions Student Loans, Including Primary Care Loa		-	-	-	-	514,686	-	-	514,686
93.351	Research Infrastructure Programs		284,466	29,802	-	-	-	-	-	284,466
93.393	Cancer Cause and Prevention Research		1,369,164	319,184	-	-	-	-	-	1,369,164
93.395	Cancer Treatment Research		3,364,472	232,627	-	-	-	-	-	3,364,472
93.396	Cancer Biology Research		880,496	8,092	-	-	-	-	-	880,496
93.397	Cancer Centers Support Grants		2,101,943	131,763	-	-	-	-	-	2,101,943

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93.398	Cancer Research Manpower	-	364,415	220,083	-	-	-	-	364,415	220,083
93.837	Heart and Vascular Diseases Research	-	1,746,295	407,955	-	-	-	-	1,746,295	407,955
93.839	Blood Diseases and Resources Research	-	216,939	-	-	-	-	-	216,939	-
93.846	Arthritis, Musculoskeletal and Skin Diseases Research	-	867,471	2,078	-	-	-	-	867,471	2,078
93.847	Diabetes, Endocrinology and Metabolism Research	-	2,168,250	129,769	-	-	-	-	2,168,250	129,769
93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	-	1,046,261	106,522	-	-	-	-	1,046,261	106,522
93.855	Allergy, Immunology and Transplantation Research	-	6,032,366	1,100,934	-	-	-	-	6,032,366	1,100,934
93.859	Biomedical Research and Research Training	-	8,063,759	237,255	-	-	-	-	8,063,759	237,255
93.865	Child Health and Human Development Extramural Research	-	1,097,035	107,561	-	-	-	-	1,097,035	107,561
93.866	Aging Research	-	602,559	38,754	-	-	-	-	602,559	38,754
93.867	Vision Research	-	545,381	-	-	-	-	-	545,381	-
93.879	Medical Library Assistance	-	84,173	10,518	-	-	-	-	84,173	10,518
93.989	International Research and Research Training	-	137,484	45,133	-	-	-	-	137,484	45,133
93.RD	U.S. Department of Health & Human Services	BECK	8,391	-	-	-	-	-	8,391	-
		D13PX00154	94,648	-	-	-	-	-	94,648	-
		IP15120879	9,992	-	-	-	-	-	9,992	-
		*** 93.RD Total	113,031	-	-	-	-	-	113,031	-
		Total Direct Programs	42,336,379	4,121,288	514,686	-	-	-	42,851,065	4,121,288
<i>Pass-Through Grantors by CFDA</i>										
93.113	Biological Response to Environmental Health Hazards	450002206	37,551	-	-	-	-	-	37,551	-
	Grantor: *** Boston University									
	Grantor: *** University Of North Carolina	5104312	25,314	-	-	-	-	-	25,314	-
	Total CFDA No. 93.113		62,865	-	-	-	-	-	62,865	-
93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	RC-102935PU	76,048	-	-	-	-	-	76,048	-
	Grantor: *** Michigan State University									
	Total CFDA No. 93.143		76,048	-	-	-	-	-	76,048	-
93.173	Research Related to Deafness and Communication Disorders									

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	Grantor: *** Ohio State University	60049861	249	-	-	-	-	-	-	249
	Grantor: *** SpeechVive	15065570	91,048	-	-	-	-	-	-	91,048
	Total CFDA No. 93.173		91,297	-	-	-	-	-	-	91,297
93.242	Mental Health Research Grants									
	Grantor: *** Backyard Brains	18057024	38,984	-	-	-	-	-	-	38,984
	Grantor: *** Indiana University	IN4679720PU	29,514	-	-	-	-	-	-	29,514
	Grantor: *** UNIV of California-Santa Barbara	KK1518	103,434	-	-	-	-	-	-	103,434
	Grantor: *** University Of South Carolina	17-3343	45,235	-	-	-	-	-	-	45,235
	Total CFDA No. 93.242		217,167	-	-	-	-	-	-	217,167
93.273	Alcohol Research Programs									
	Grantor: *** Georgia State University	SP00012412-01	84,770	-	-	-	-	-	-	84,770
	Grantor: *** Indiana University	BL-4631222-PU	6,264	-	-	-	-	-	-	6,264
	Grantor: *** Utah State University	201356-490	51,667	-	-	-	-	-	-	51,667
	Total CFDA No. 93.273		142,701	-	-	-	-	-	-	142,701
93.279	Drug Abuse and Addiction Research Programs									
	Grantor: *** Emory University	T880310	34,564	-	-	-	-	-	-	34,564
	Grantor: *** Indiana University	IN4693500PU	4,048	-	-	-	-	-	-	4,048
	Grantor: *** The University of British Columbia	20R22505	40,042	-	-	-	-	-	-	40,042
	Grantor: *** University Of Cincinnati	009942-008	11,797	-	-	-	-	-	-	11,797
	Grantor: *** University Of Kentucky	3210000958-17-225	50,489	-	-	-	-	-	-	50,489
	Total CFDA No. 93.279		140,940	-	-	-	-	-	-	140,940
93.286	Discovery and Applied Research for Technological Innovations to Improve Human He									
	Grantor: *** Indiana University	IN4687281PUR	61,434	-	-	-	-	-	-	61,434
	Grantor: *** University Of Pennsylvania	NTP-18078375	35,862	-	-	-	-	-	-	35,862
	Grantor: *** University Of Texas At Austin	UTA15-000332	18,403	-	-	-	-	-	-	18,403
	Total CFDA No. 93.286		115,699	-	-	-	-	-	-	115,699
93.350	National Center for Advancing Translational Sciences									
	Grantor: *** In Univ Purdue Univ At Indianapolis	IN4680908PU	884,819	-	-	-	-	-	-	884,819
		IN4680903PU	75,029	-	-	-	-	-	-	75,029
		NTP	77,094	-	-	-	-	-	-	77,094
		IN4680890PU	(4,812)	-	-	-	-	-	-	(4,812)
		IN4680893PU	450	-	-	-	-	-	-	450

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CFDA No.	Grantor	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
		*** In Univ Purdue Univ At Indianapolis Total			1,032,860	-	-	-	-	-	1,032,860
		Grantor: *** Indiana University	17012519		9,465	-	-	-	-	-	9,465
			IN4680892PU		4	-	-	-	-	-	4
			IN4680902PU		136,676	-	-	-	-	-	136,676
		*** Indiana University Total			146,145	-	-	-	-	-	146,145
		Grantor: *** IU School Of Medicine	CTSI COST SHARE 106533		343	-	-	-	-	-	343
		Total CFDA No. 93.350			1,179,068	-	-	-	-	-	1,179,068
93.393		Cancer Cause and Prevention Research									
		Grantor: *** Harvard Medical School	12919701		11,057	-	-	-	-	-	11,057
		Grantor: *** Ohio State University	60057465-PU		27,783	-	-	-	-	-	27,783
		Total CFDA No. 93.393			38,840	-	-	-	-	-	38,840
93.394		Cancer Detection and Diagnosis Research									
		Grantor: *** Tymora Analytical Operations, LLC	16076837		2,383	-	-	-	-	-	2,383
		Grantor: *** University Of California - San Francisco	101945C		45,728	-	-	-	-	-	45,728
		Grantor: *** University Of Chicago	FP059852		129,768	-	-	-	-	-	129,768
		Grantor: *** University Of Minnesota	H004548301		(1,690)	-	-	-	-	-	(1,690)
		Grantor: *** University Of Pennsylvania	566408		71,502	-	-	-	-	-	71,502
		Total CFDA No. 93.394			247,691	-	-	-	-	-	247,691
93.396		Cancer Biology Research									
		Grantor: *** Case Western Reserve University	RES512194		197,695	-	-	-	-	-	197,695
		Grantor: *** Cincinnati Childrens Hospital Med Ctr	139316		183,362	-	-	-	-	-	183,362
		Grantor: *** SUNY Upstate Medical University	1129866/AWARD 737578		18,499	-	-	-	-	-	18,499
		Grantor: *** Tymora Analytical Operations, LLC	PURDUE NO. 00056597		31,263	-	-	-	-	-	31,263
		Total CFDA No. 93.396			430,819	-	-	-	-	-	430,819
93.837		Heart and Vascular Diseases Research									
		Grantor: *** California Medical Innovations	15043964		(286)	-	-	-	-	-	(286)
		Grantor: *** Mount Sinai School Of Medicine	0255-8174-4609		9,519	-	-	-	-	-	9,519
			0255-8173-4609		13,092	-	-	-	-	-	13,092
		*** Mount Sinai School Of Medicine Total			22,611	-	-	-	-	-	22,611
		Grantor: *** N California Inst for Res & Educ	SAL1839-02		42,157	-	-	-	-	-	42,157
		Grantor: *** University Of Chicago	FP056317-D		(7)	-	-	-	-	-	(7)
		Total CFDA No. 93.837			64,475	-	-	-	-	-	64,475

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
93.846	Athritis, Musculoskeletal and Skin Diseases Research									
	Grantor: *** Jackson Laboratory, The	5R01AR049288-12	13,793	-	-	-	-	-	-	13,793
	Grantor: *** University Of California - Davis	201701072-02	30,205	-	-	-	-	-	-	30,205
	Grantor: *** University Of Wisconsin-Madison	691K324	161,109	-	-	-	-	-	-	161,109
	Total CFDA No. 93.846		205,107	-	-	-	-	-	-	205,107
93.847	Diabetes, Endocrinology and Metabolism Research									
	Grantor: *** In Univ Purdue Univ At Indianapolis	IN-4687809-PU	69,622	-	-	-	-	-	-	69,622
	Grantor: *** Indiana University	16110230	(31,800)	-	-	-	-	-	-	(31,800)
	Grantor: *** Iu School Of Medicine	IN468905PU	33,857	-	-	-	-	-	-	33,857
	Grantor: *** Rutgers, The State University	0202	87,434	-	-	-	-	-	-	87,434
	Grantor: *** Univ Of Texas S Wstm Medical Center, The	GMO 160302	(168)	-	-	-	-	-	-	(168)
	Total CFDA No. 93.847		158,945	-	-	-	-	-	-	158,945
93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders									
	Grantor: *** Indiana University	IN-4693851-PU	35,500	-	-	-	-	-	-	35,500
	Grantor: *** Yale University	GK000108 (CON-80000486)	36,135	-	-	-	-	-	-	36,135
	Grantor: *** Yale University	GK000164 (CON-80000474)	71,679	-	-	-	-	-	-	71,679
	*** Yale University Total		107,814	-	-	-	-	-	-	107,814
	Total CFDA No. 93.853		143,314	-	-	-	-	-	-	143,314
93.855	Allergy, Immunology and Transplantation Research									
	Grantor: *** Arizona State University	17-172	108,312	-	-	-	-	-	-	108,312
	Grantor: *** Indiana University	IN4689794PU	49,638	-	-	-	-	-	-	49,638
	Grantor: *** Loyola University Chicago	206944-1	194,785	-	-	-	-	-	-	194,785
	Grantor: *** Mayo Clinic College Of Medicine	PUR-222630-02	17,679	-	-	-	-	-	-	17,679
	Grantor: *** Northwestern University	60045378 PURDUE	32,221	-	-	-	-	-	-	32,221
	Grantor: *** Texas A&M Research Foundation	23-S132310	2,508	-	-	-	-	-	-	2,508
	Grantor: *** Texas A&M Research Foundation	23-S142305	25,175	-	-	-	-	-	-	25,175
	*** Texas A&M Research Foundation Total		27,683	-	-	-	-	-	-	27,683
	Grantor: *** Therapeutic Systems Research Lab, Inc	17023874	128,060	-	-	-	-	-	-	128,060
	Grantor: *** University of Colorado Denver	FY16.526.001	165,899	-	-	-	-	-	-	165,899
	Grantor: *** University Of Michigan	3004659791	134,795	-	-	-	-	-	-	134,795
	Grantor: *** University Of Rochester	416848-G	7,076	-	-	-	-	-	-	7,076

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				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
		Grantor: *** Vanderbilt University	VUMC 53180	200,452	-	-	-	-	-	200,452	-
		Grantor: *** Virginia Commonwealth University	FP00001486_SA002	91,738	-	-	-	-	-	91,738	-
		Grantor: *** Washington University	NTP-17122619	25,287	-	-	-	-	-	25,287	-
			WU-14-38	246,486	-	-	-	-	-	246,486	-
			WU-16-333-MOD-2	8,451	-	-	-	-	-	8,451	-
			WU-17-36	245,494	-	-	-	-	-	245,494	-
		*** Washington University Total		525,718	-	-	-	-	-	525,718	-
		Total CFDA No. 93.855		1,664,056	-	-	-	-	-	1,664,056	-
93.859		Biomedical Research and Research Training									
		Grantor: *** Anasys Instruments	14065775	27,385	-	-	-	-	-	27,385	-
		Grantor: *** bioVidria Inc	17056472	26,342	-	-	-	-	-	26,342	-
		Grantor: *** Boston University, Trustees Of	NTP-450002413	81,567	-	-	-	-	-	81,567	-
		Grantor: *** Cornell University	78359-10729	59,139	-	-	-	-	-	59,139	-
		Grantor: *** Northwestern University	SP00290698-PROJ007627	54,916	-	-	-	-	-	54,916	-
		Grantor: *** Ohio State University	60057531	37,022	-	-	-	-	-	37,022	-
		Grantor: *** Rutgers, The State University	5923	6,497	-	-	-	-	-	6,497	-
		Grantor: *** Tymora Analytical Operations, LLC	13098408	129,405	-	-	-	-	-	129,405	-
		Grantor: *** University Of California	KK1509	102,329	-	-	-	-	-	102,329	-
		Grantor: *** University Of California - San Diego	82891762	43,695	-	-	-	-	-	43,695	-
		Grantor: *** University Of California - Santa Cruz	A18-0175-S001-PO646848	170,027	-	-	-	-	-	170,027	-
		Grantor: *** University Of Illinois At Chicago	7469	1,372	-	-	-	-	-	1,372	-
		Grantor: *** University Of Minnesota	A004265801	102,165	-	-	-	-	-	102,165	-
		Grantor: *** University Of Notre Dame	202564PU	159,485	-	-	-	-	-	159,485	-
		Total CFDA No. 93.859		1,001,366	-	-	-	-	-	1,001,366	-
93.865		Child Health and Human Development Extramural Research									
		Grantor: *** Indiana University	IN4381950PU	30,214	-	-	-	-	-	30,214	-
		Grantor: *** Yale University	M13A\11537 (A09028)	8,011	-	-	-	-	-	8,011	-
		Total CFDA No. 93.865		38,925	-	-	-	-	-	38,925	-

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CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
93.866	Aging Research Grantor: *** Work Life Help LLC	141.09066	(16,489)	-	-	-	-	-	-	(16,489)
	Total CFDA No. 93.866		(16,489)	-	-	-	-	-	-	(16,489)
93.867	Vision Research Grantor: *** Cornell University	16081331	17,243	-	-	-	-	-	-	17,243
		182.101	38,875	-	-	-	-	-	-	38,875
	*** Cornell University Total		56,118	-	-	-	-	-	-	56,118
	Total CFDA No. 93.867		56,118	-	-	-	-	-	-	56,118
93.989	International Research and Research Training Grantor: *** Vanderbilt University	VUMC 58838	56,241	-	-	-	-	-	-	56,241
	Total CFDA No. 93.989		56,241	-	-	-	-	-	-	56,241
93.RD	U.S. Department of Health & Human Services									
	Grantor: *** Barron Associates	500-SC01	35,738	-	-	-	-	-	-	35,738
	Grantor: *** Indiana University	IN-4687586-PU	49,038	-	-	-	-	-	-	49,038
	Grantor: *** J Craig Venter Institute	JCVI-14-005	4,999	-	-	-	-	-	-	4,999
	Grantor: *** Leidos	15X193	54,569	-	-	-	-	-	-	54,569
	Grantor: *** Leidos Biomedical Research Inc	18X091	69,117	-	-	-	-	-	-	69,117
	Grantor: *** Northwestern University	SP0040139 60047653 PU	15,836	-	-	-	-	-	-	15,836
	Grantor: *** Pacific Northwest National Laboratory	389233	15,091	-	-	-	-	-	-	15,091
		390988	14,344	-	-	-	-	-	-	14,344
		394.086	44,989	-	-	-	-	-	-	44,989
	*** Pacific Northwest National Laboratory Total		74,424	-	-	-	-	-	-	74,424
	Grantor: *** University Of Michigan	NTP18068181	27,945	-	-	-	-	-	-	27,945
	Grantor: *** Vibronix Inc	16033464	(10,873)	-	-	-	-	-	-	(10,873)
	Total CFDA No. 93.RD		320,793	-	-	-	-	-	-	320,793
	Total Pass-Through Grantors		6,455,886	-	-	-	-	-	-	6,455,886
	Total National Institute of Health		48,792,265	4,121,288	514,686	-	-	-	-	49,306,951

Other DHHS Agencies
Direct Programs by CFDA
93.136 Injury Prevention and Control Research and State and Community Based Programs

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			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
93.U07	U.S. Department of Health & Human Services	Dhhs Pharmacy Loan	-	-	-	69	-	-	-	69
93.U08	U.S. Department of Health & Human Services	Dhhs Vet Med Loan	-	-	-	1,603	-	-	-	1,603
	Total Direct Programs		285,519	57,492	-	1,672	-	-	-	287,191
Pass-Through Grantors by CFDA										
93.136	Injury Prevention and Control Research and State and Community Based Programs		-	-	-	-	-	-	-	-
	Grantor: *** In State Department Of Health	CONTRACT ID 26017	16,301	-	-	-	-	-	-	16,301
	Total CFDA No. 93.136		16,301	-	-	-	-	-	-	16,301
93.241	State Rural Hospital Flexibility Program		-	-	-	-	-	-	-	-
	Grantor: *** In State Office Of Rural Health	CONTRACT# 21244	-	-	-	83,071	-	-	-	83,071
	Total CFDA No. 93.241		-	-	-	83,071	-	-	-	83,071
93.297	Teenage Pregnancy Prevention Program		-	-	-	-	-	-	-	-
	Grantor: *** Health Care Education-Training Inc	17012729	-	-	-	2,091	-	-	-	2,091
		18024172	-	-	-	33,926	-	-	-	33,926
	*** Health Care Education-Training Inc Total		-	-	-	36,017	-	-	-	36,017
	Total CFDA No. 93.297		-	-	-	36,017	-	-	-	36,017
93.945	Assistance Programs for Chronic Disease Prevention and Control Total		-	-	-	-	-	-	-	-
	Grantor: *** In State Department Of Health	CONTRACT ID 22984	10,350	-	-	-	-	-	-	10,350
	Total CFDA No. 93.945		10,350	-	-	-	-	-	-	10,350
93.959	Block Grants for Prevention and Treatment of Substance Abuse Total		-	-	-	-	-	-	-	-
	Grantor: *** In Family & Social Services Admin	GRANT ID 21962	56,867	-	-	-	-	-	-	56,867
	Total CFDA No. 93.959		56,867	-	-	-	-	-	-	56,867
93.RD	U.S. Department of Health & Human Services		-	-	-	-	-	-	-	-
	Grantor: *** University Of Kansas	FY2018-030	65,597	-	-	-	-	-	-	65,597
	Total CFDA No. 93.RD		65,597	-	-	-	-	-	-	65,597
93.U02	U.S. Department of Health & Human Services		-	-	-	-	-	-	-	-
	Grantor: *** Health Care Education-Training Inc	17067143	-	-	-	9,250	-	-	-	9,250
	Total CFDA No. 93.U02		-	-	-	9,250	-	-	-	9,250
93.U03	U.S. Department of Health & Human Services		-	-	-	-	-	-	-	-
	Grantor: *** Health Care Education-Training Inc	18057448	-	-	-	46,632	-	-	-	46,632
	Total CFDA No. 93.U03		-	-	-	46,632	-	-	-	46,632
	Total Pass-Through Grantors		149,115	-	-	174,970	-	-	-	324,085
	Total Other DHHS Agencies		434,634	57,492	-	176,642	-	-	-	611,276

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Total Department of Health and Human Services Direct Programs										
			44,584,466	4,468,656	514,686	-	4,037,298	-	49,136,440	4,468,656
Total Department of Health and Human Services Pass-Through Grantors										
			8,304,471	3,500	-	-	3,300,867	-	12,105,338	3,500
Total Department of Health and Human Services										
			53,388,927	4,472,156	514,686	-	7,338,165	-	61,241,778	4,472,156
Department of Homeland Security										
<i>Direct Programs by CFDA</i>										
97.061	Centers for Homeland Security	-	453,303	164,895	-	-	-	-	453,303	164,895
97.077	Homeland Security Testing, Evaluation, and Demonstration of Technologies	-	167,301	-	-	-	-	-	167,301	-
97.RD	U.S. Department of Homeland Security	17100255	24,916	-	-	-	-	-	24,916	-
		17122742	34,000	-	-	-	-	-	34,000	-
		70RSAT18CB0000004	141,340	68,741	-	-	-	-	141,340	68,741
		HSHQDC-17-A-80006	29,739	-	-	-	-	-	29,739	-
		MSU INDEX NO. 528005	5,627	-	-	-	-	-	5,627	-
		*** 97.RD Total	235,622	68,741	-	-	-	-	235,622	68,741
97.U00	U.S. Department of Homeland Security	Homeland Sec Loan	-	-	-	-	195,600	-	195,600	-
Total Direct Programs			856,226	233,636	-	-	195,600	-	1,051,826	233,636
<i>Pass-Through Grantors by CFDA</i>										
97.061	Centers for Homeland Security		102,161	-	-	-	-	-	102,161	-
	Grantor: *** George Mason University	E2042638	-	-	-	-	-	-	-	-
	Grantor: *** Northeastern University	505035-78054	350,397	-	-	-	56,995	-	407,392	-
		505126-78052	29,202	-	-	-	-	-	29,202	-
	*** Northeastern University Total		379,599	-	-	-	56,995	-	436,594	-
	Total CFDA No. 97.061		481,760	-	-	-	56,995	-	538,755	-
97.RD	U.S. Department of Homeland Security		69,654	-	-	-	-	-	69,654	-
	Grantor: *** High Performance Imaging	15109520	-	-	-	-	-	-	-	-
	Grantor: *** Northeastern University	505092-78050	91,492	-	-	-	-	-	91,492	-
		505118-78050	131,547	-	-	-	-	-	131,547	-
	*** Northeastern University Total		223,039	-	-	-	-	-	223,039	-
	Total CFDA No. 97.RD		292,693	-	-	-	-	-	292,693	-
Total Pass-Through Grantors			774,453	-	-	-	56,995	-	831,448	-

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Total Department of Homeland Security			1,630,679	233,636	-	-	252,695	-	1,883,274	233,636
Agency for International Development										
<i>Direct Programs by CFDA</i>										
98.001	USAID Foreign Assistance for Programs Overseas	-	-	-	-	-	291,606	51,083	291,606	51,083
98.012	USAID Development Partnerships for University Cooperation and Development	-	-	-	-	-	5,109	-	5,109	-
98.000	Agency for International Development	AID-OAA-L-14-00003	-	-	-	-	805,095	353,697	805,095	353,697
Total Direct Programs			-	-	-	-	1,102,010	404,780	1,102,010	404,780
<i>Pass-Through Grantors by CFDA</i>										
98.001	USAID Foreign Assistance for Programs Overseas									
	Grantor: *** Catholic Relief Services	MW16.SRV.V1885.658.01.0	-	-	-	-	11,125	-	11,125	-
	Grantor: *** Cultivating New Frontiers in Agric	01PURDUE	-	-	-	-	20,656	-	20,656	-
	Grantor: *** Kansas State University	S15005	-	-	-	-	163,272	57,111	163,272	57,111
		S15006	-	-	-	-	124,706	-	124,706	-
		S14207	-	-	-	-	243,580	-	243,580	-
		S14201	-	-	-	-	205,928	-	205,928	-
	*** Kansas State University Total		-	-	-	-	737,466	57,111	737,466	57,111
	Grantor: *** Michigan State University	RC102095	37,544	-	-	-	-	-	37,544	-
	Grantor: *** National Academy Of Sciences	200008310	-	-	-	-	33,473	-	33,473	-
		2000009139	-	-	-	-	24,703	-	24,703	-
	*** National Academy Of Sciences Total		-	-	-	-	58,176	-	58,176	-
	Grantor: *** Oregon State University	RD011G-D	-	-	-	-	513,096	408,096	513,096	408,096
	Grantor: *** Palladium International, LLC	PO.217707-PURDUE-001	-	-	-	-	41,804	-	41,804	-
	Grantor: *** Tufts University	AID-OAA-L-10-00006	-	-	-	-	48,631	-	48,631	-
	Grantor: *** University Of California - Davis	A10-0001-S001	-	-	-	-	95,954	-	95,954	-
	Grantor: *** Virginia Tech	451242-19084	-	-	-	-	(3,217)	-	(3,217)	-
	Grantor: *** Winrock International	6544-13-01	-	-	-	-	34	-	34	-
	Total CFDA No. 98.001		37,544	-	-	-	1,523,745	465,207	1,561,289	465,207
98.012	USAID Development Partnerships for University Cooperation and Development									

* denotes major programs
 ***denotes pass-through agency
 The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	Grantor: *** Family Health International	4576-01-PURDUE-01	-	-	-	-	1,091,930	-	1,091,930	-
	Grantor: *** University Of California - Davis	201500789-03	-	-	-	-	13,465	-	13,465	-
	Total CFDA No. 98.U02		-	-	-	-	1,105,395	-	1,105,395	-
98.U0	Agency for International Development									
	Grantor: *** Indiana University	AID-623-A-12-00001	4,831	-	-	-	-	-	4,831	-
	Grantor: *** National Academy Of Sciences	2000006100	40,697	-	-	-	-	-	40,697	-
		2000007146	73,022	-	-	-	-	-	73,022	-
	*** National Academy Of Sciences Total		113,719	-	-	-	-	-	113,719	-
	Total CFDA No. 98.U0		118,550	-	-	-	-	-	118,550	-
98.U01	Agency for International Development									
	Grantor: *** Volunteers Economic Growth Alliance	PDP 2014-2	-	-	-	-	176,775	28,970	176,775	28,970
	Total CFDA No. 98.U01		-	-	-	-	176,775	28,970	176,775	28,970
98.U02	Agency for International Development									
	Grantor: *** University Of California - Davis	201400223-04	-	-	-	-	5,849	-	5,849	-
	Total CFDA No. 98.U02		-	-	-	-	5,849	-	5,849	-
98.U03	Agency for International Development									
	Grantor: *** Rutgers, The State University	5736	-	-	-	-	4,257	-	4,257	-
	Total CFDA No. 98.U03		-	-	-	-	4,257	-	4,257	-
98.U04	Agency for International Development									
	Grantor: *** Intl Maize & Wheat Improvement Ctr	CIMMYT	-	-	-	-	12,000	-	12,000	-
	Total CFDA No. 98.U04		-	-	-	-	12,000	-	12,000	-
	Total Pass-Through Grantors		156,094	-	-	-	2,828,021	494,177	2,984,115	494,177
	Total Agency for International Development		156,094	-	-	-	3,930,031	888,957	4,086,125	888,957
Central Intelligence Agency										
	Direct Programs by CFDA									
99.RD	Central Intelligence Agency	2013-13083000010	454	-	-	-	-	-	454	-
	Total Direct Programs		454	-	-	-	-	-	454	-
	Total Central Intelligence Agency		454	-	-	-	-	-	454	-
Department of Veteran's Affairs										
	Direct Programs by CFDA									

* denotes major programs
 ***denotes pass-through agency
 The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
			Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
99.RD	Department of Veteran's Affairs	618-C74467	1,418	-	-	-	-	-	1,418	-
		618C74469	12,210	-	-	-	-	-	12,210	-
		618-C74473	25,838	-	-	-	-	-	25,838	-
		618-C74474	13,106	-	-	-	-	-	13,106	-
		618-D84025	31,362	-	-	-	-	-	31,362	-
		ANDREA WELLMITZ 17100861	26,276	-	-	-	-	-	26,276	-
		COLLETTE 17100325	8,381	-	-	-	-	-	8,381	-
		NCPTSD FCP 6666	14,916	-	-	-	-	-	14,916	-
		PO618-C74470	8,619	-	-	-	-	-	8,619	-
		PO618C74471	4,921	-	-	-	-	-	4,921	-
		SPR0C00A1	43,285	-	-	-	-	-	43,285	-
		VA240C-14-D-0007	199,092	-	-	-	-	-	199,092	-
		VA701-16-J-0060	22,078	-	-	-	-	-	22,078	-
		VA701-17-J-0051	19,451	-	-	-	-	-	19,451	-
		*** 99.RD Total	430,953	-	-	-	-	-	430,953	-
99.U00	Department of Veteran's Affairs	583D75063	-	-	-	-	4,883	-	-	4,883
99.U01	Department of Veteran's Affairs	583C80272	-	-	-	-	74,502	-	-	74,502
	Total Direct Programs		430,953	-	-	-	79,385	-	510,338	-
	Total Department of Veteran's Affairs		430,953	-	-	-	79,385	-	510,338	-
United States International Trade Commission										
<i>Direct Programs by CFDA</i>										
99.U00	U.S. International Trade Commission	16099109	-	-	-	-	143,102	-	-	143,102
	Total Direct Programs		-	-	-	-	143,102	-	-	143,102
	Total United States International Trade Commission		-	-	-	-	143,102	-	-	143,102
	Summary of Direct Programs		184,672,221	20,006,863	254,196,316	-	42,846,420	2,293,302	481,714,957	22,300,165

* denotes major programs
 ***denotes pass-through agency

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

Purdue University
Schedule of Expenditures of Federal Awards
Year ended June 30, 2018

Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Research and Development		Student Financial Assistance*		Other		Total	
				Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
				47,143,375	833,844	-	-	18,316,877	503,754	65,460,252	1,337,598
Summary of Pass-Through Grantors				231,815,596	20,840,707	254,196,316	-	61,163,297	2,797,056	547,175,209	23,637,763
Summary of Total Federal Awards											

* denotes major programs
 ***denotes pass-through agency

The accompanying notes are an integral part of the Schedule of Expenditures of Federal Awards

PURDUE UNIVERSITY
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
June 30, 2018

Note 1. Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (Schedule) includes the federal award activity of Purdue University (University). The information in the Schedule is presented in accordance with the requirements of Title 2 U.S Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). Because the Schedule presents only a selective portion of the activities of the University, it is not intended to and does not present the financial position, change in financial position, or cash flows of the University. For reporting purposes, federal awards have been classified into three types:

1. Student financial aid
2. Research and development
3. Other federal programs

Note 2. Summary of Significant Accounting Policies

Expenditures reported on the Schedule are reported on a modified cash basis of accounting. Such expenditures are recognized following the cost principles contained in Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance), wherein certain types of expenditures are not allowable or are limited as to reimbursement. Under Uniform Guidance, an award is considered expended when certain events related to the award occur. These include:

- Date of work being performed for payroll related transactions
- Receipt of goods for those ordered via a purchase order; generally all goods are required to be purchased via a purchase order except for small dollars approved for purchasing card processing
- Use of loan proceeds under loan and loan guarantee programs
- Disbursement of funds to sub recipients
- Receipt or use of program income
- Payment for other supplies and expenses
- A portion of costs associated with general University activities that are allocated to certain federal awards under negotiated formulas commonly referred to as facilities and administrative rates and assessed for applicable underlying expense

As a result of these criteria, some amounts presented in the Schedule may differ from amounts presented in, or used in the preparation of the University's basic financial statements which are prepared on an accrual basis of accounting.

Negative amounts shown on the Schedule represent adjustments or credits made in the normal course of business to amounts reported as expenditures in prior years. Pass-through identifying numbers are presented when available.

PURDUE UNIVERSITY
NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS
June 30, 2018
(Continued)

The University did not elect to use the 10% de minimus indirect cost rate allowed under the Uniform Guidance.

Note 3. Federal Student Loan Programs

The University considers the federal capital contribution of federally sponsored student loan programs as a liability. Balances of loan advances and 2017-18 federal capital contributions were:

Balance, July 1, 2017	\$ 19,028,490
Net Federal Capital Contributions: Federal Perkins Loan Program	<u>(4,093,933)</u>
Balance, June 30, 2018	\$ <u>14,934,557</u>

Amounts loaned to students are recorded as notes receivable. Gross student notes receivable outstanding as of June 30, 2018 were:

<u>Program Title</u>	<u>Federal CFDA Number</u>	<u>Amount</u>
Federal Perkins Loan Program	84.038	\$ 19,171,562
Health Professions Student Loans	93.342	<u>2,469,776</u>
Total Student Notes Receivable		\$ <u>21,641,338</u>

Note 4. Federal Direct Loan Program

The University participates in the Federal Direct Loan Program, which facilitates direct borrowing for students and parents from the Federal Government. During the fiscal year ended June 30, 2018, the University had the following gross loan activity related to new loans under this program:

<u>Program</u>	<u>Federal CFDA Number</u>	<u>Number of Loans Issued</u>	<u>Amount</u>
Federal Stafford Loans	84.268	29,509	\$149,153,277
Federal PLUS Loans	84.268	<u>3,109</u>	<u>46,576,747</u>
Totals		<u>32,618</u>	\$ <u>195,730,024</u>

PURDUE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS

Section I - Summary of Auditor's Results

Financial Statements:

Type of auditor's report issued:	Unmodified
Internal control over financial reporting:	
Material weaknesses identified?	No
Significant deficiencies identified?	none reported
Noncompliance material to financial statements noted?	no

Federal Awards:

Internal control over major programs:	
Material weaknesses identified?	no
Significant deficiencies identified?	yes
Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?	yes

Identification of Major Programs and type of auditor's report issued on compliance for each:

CFDA Number	Name of Federal Program or Cluster	Opinion Issued
	Student Financial Assistance Cluster	Unmodified
	SNAP Cluster	Unmodified
84.334	Gaining Early Awareness and Readiness for Undergraduate Programs	Unmodified
20.106	Airport Improvement Program	Unmodified

Dollar threshold used to distinguish between Type A and Type B programs: \$3,000,000

Auditee qualified as low-risk auditee?	yes
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Section II - Financial Statement Findings

No matters are reportable.

PURDUE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
(Continued)

Section III - Federal Award Findings and Questioned Costs

FINDING 2018-001

Subject: Student Financial Assistance Cluster - Cash Management
Federal Agency: Department of Education
Federal Program: Federal Direct Student Loans
CFDA Number: 84.268
Federal Award Number and Year (or Other Identifying Number): FY 2018
Compliance Requirement: Cash Management
Audit Findings: Significant Deficiency, Other Matters

Condition

The Purdue Northwest campus did not properly design or implement an effective internal control system to ensure compliance with the requirements related to the Cash Management compliance requirement.

The campus requested funds in excess of the amount immediately needed for disbursements and did not always make the disbursements within three business days following receipt of the funds for the Federal Direct Student Loans. This put the University in excess cash positions throughout the audit year and, in some cases, the excess cash was maintained for more than seven days before returning it to the Secretary of the U.S. Department of Education.

Context

The lack of controls was an isolated incident; however, the noncompliance was a systemic issue throughout the audit period.

An initial draw was completed in August 2017 and then repeated in September 2017. Due to this replication, there were 6 times during the audit period when disbursements were not made within 3 business days following receipt of the funds resulting in an excess cash position. The University retained all 6 instances of excess cash position for more than 7 days. The longest continuous period the University maintained an excess cash position was 33 days. None of these excess cash positions exceeded 1 percent of the total amount of funds the University drew down in the prior award year.

Criteria

2 CFR 200.303 states in part:

"The non-Federal entity must:

- (a) Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in 'Standards for Internal Control in the Federal Government' issued by the Comptroller General of the United States or the 'Internal Control Integrated Framework', issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO). . . ."

PURDUE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
(Continued)

34 CFR 668.162(b) states in part:

". . . (1) Under the advance payment method, an institution submits a request for funds to the Secretary. The institution's request may not exceed the amount of funds the institution needs immediately for disbursements the institution has made or will make to eligible students . . .

(3) The institution must disburse the funds requested as soon as administratively feasible but no later than three business days following the date the institution received those funds."

34 CFR 668.166 states:

"(a) *General*. The Secretary considers excess cash to be any amount of title IV, HEA program funds, other than Federal Perkins Loan program funds, that an institution does not disburse to students by the end of the third business day following the date the institution -

- (1) Received those funds from the Secretary; or
- (2) Deposited or transferred to its depository account previously disbursed title IV, HEA program funds, such as those resulting from award adjustments, recoveries, or cancellations.

(b) *Excess cash tolerance*. An institution may maintain for up to seven days an amount of excess cash that does not exceed one percent of the total amount of funds the institution drew down in the prior award year. The institution must return immediately to the Secretary any amount of excess cash over the one-percent tolerance and any amount of excess cash remaining in its account after the seven-day tolerance period.

(c) *Consequences for maintaining excess cash*. Upon a finding that an institution maintained excess cash for any amount or time over that allowed in the tolerance provisions in paragraph (b) of this section, the actions the Secretary may take include, but are not limited to—

- (1) Requiring the institution to reimburse the Secretary for the costs the Federal government incurred in providing that excess cash to the institution; and
- (2) Providing funds to the institution under the reimbursement payment method or heightened cash monitoring payment method described in § 668.162(c) and (d), respectively."

Cause

Management had not designed and implemented a system of internal controls to ensure compliance with the Cash Management compliance requirement.

Effect

The failure to properly design and implement an effective internal control system enabled noncompliance to go undetected.

Questioned Costs

There were no questioned costs identified.

PURDUE UNIVERSITY
SCHEDULE OF FINDINGS AND QUESTIONED COSTS
(Continued)

Recommendation

We recommended that the University's management properly design and implement an effective control system related to the Cash Management compliance requirement.

Views of Responsible Officials

For the views of responsible officials, refer to the Corrective Action Plan that is part of this report.

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AUDITEE-PREPARED DOCUMENT

The subsequent document was provided by management of the University. The document is presented as intended by the University.



CORRECTIVE ACTION PLAN

FINDING 2018-001

Contact Person Responsible for Corrective Action: Kimberly Thomas, Purdue Northwest Associate Vice Chancellor of Finance and Business Services or Peg Fish, Director of Audits

Contact Phone Number: Kimberly Thomas (219)-989-2853 Peg Fish (765)-494-7588

View of the Responsible Official: The University concurs with the finding that enhancements to Purdue NorthWest cash management are necessary. A single error of \$191,402, out of total draws of \$35,126,833 (.54%), occurred.

Description of Corrective Action Plan:

While a reconciliation process was in place during the audit period, it was not designed effectively for timely detection of the error that occurred. The Purdue Northwest campus detected the excess cash and reduced the draw request on May 17, 2018. As noted in Finding 2018-001, the amount of excess cash held remained below the one-percent tolerance. Cash management processes have been modified to enhance the effectiveness of the control for detecting excess cash positions. The following corrective actions have been implemented to ensure cash management compliance.

The backup documentations for draws will be reviewed by the Senior Accountant before any draws are initiated. The focus of this review will be on the current cash balance in SAP to ensure draws do not occur when a positive cash balance is maintained.

A monthly reconciliation will be prepared by the Senior Accountant instead of the Staff Accountant that had previously prepared them, ensuring separation of duties. Reconciliations will document activity on a daily basis instead of focusing on month end balances. These reconciliations will compare the data from the Banner, SAP and G5 systems to ensure consistency throughout. After completion the reconciliation will be forwarded to the Director of Financial Accounting & Reporting for additional review.

Anticipated Completion Date: March 6th, 2019

OTHER REPORTS

In addition to this report, other reports may have been issued for the University. All reports can be found on the Indiana State Board of Accounts' website: <http://www.in.gov/sboa/>.