

STATE BOARD OF ACCOUNTS
302 West Washington Street
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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



STATE OF INDIANA
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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

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	
Department of Agriculture												
<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	-	-	-	934,346	-	938,771	-	
	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

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
	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	-	-	24,718,673	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	-
		59-3655-2-629		382	-	-	-	-	-	382	-
		59-5020-7-001		99,057	-	-	-	-	-	99,057	-
	<i>Total CFDA No. 10.001</i>			<i>174,972</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>174,972</i>	<i>-</i>
10.025	Plant and Animal Disease, Pest Control, and Animal Care										
	Grantor: *** Cornell University	81230-10953		6,881	-	-	-	-	-	6,881	-
	Grantor: *** In Department Of Natural Resources	EDS# E4-16-KP0002		(1,154)	-	-	-	-	-	(1,154)	-
		CONTRACT ID 23151		52,124	-	-	-	-	-	52,124	-
		NTP18090219		42,845	-	-	-	-	-	42,845	-
	<i>*** In Department Of Natural Resources Total</i>			<i>100,696</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>100,696</i>	<i>-</i>
	Grantor: *** Xavier University	USDA-2017-1		9,180	-	-	-	-	-	9,180	-
		USDA1718-1		26,680	-	-	-	-	-	26,680	-
	<i>*** Xavier University Total</i>			<i>35,860</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>35,860</i>	<i>-</i>
	<i>Total CFDA No. 10.025</i>			<i>136,556</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>136,556</i>	<i>-</i>
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

***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
			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	SUBAWARD #BL-4746614-PU	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	EDS# A337-17-OCCS-16-403	750	-	-	-	-	-	750	-
		Total CFDA No. 10.171		750	-	-	-	-	-	750	-
10.200		Grants for Agricultural Research, Special Research Grants									
		Grantor: *** Colorado State University	UV MONITORING 2008	10	-	-	-	-	-	10	-
		Grantor: *** Iowa State University	416-41-15O	9,714	-	-	-	-	-	9,714	-
			416-41-15E	3,072	-	-	-	-	-	3,072	-
		*** Iowa State University Total		12,786	-	-	-	-	-	12,786	-
		Grantor: *** Michigan State University	RC105239A	4,402	-	-	-	-	-	4,402	-
		Total CFDA No. 10.200		17,198	-	-	-	-	-	17,198	-
10.202		Cooperative Forestry Research									
		Grantor: *** State of New Hampshire	17067338	(24)	-	-	-	-	-	(24)	-
		Total CFDA No. 10.202		(24)	-	-	-	-	-	(24)	-
10.212		Small Business Innovation Research									
		Grantor: *** Novateur Research Solutions LLC	2017-33610-26707	17,763	-	-	-	-	-	17,763	-
		Total CFDA No. 10.212		17,763	-	-	-	-	-	17,763	-
10.215		Sustainable Agriculture Research and Education									
		Grantor: *** University Of Minnesota	H004403704 LNC14-359	17,033	-	-	-	-	-	17,033	-
			H005722932	20,558	-	-	-	-	-	20,558	-
			H004403713	-	-	-	-	62,433	-	62,433	-
			H004991210	39,185	-	-	-	-	-	39,185	-
			H006607403	19,787	-	-	-	-	-	19,787	-
			H005722903	-	-	-	-	36,582	-	36,582	-
			H006607404	16,294	-	-	-	-	-	16,294	-
			H004403722	583	-	-	-	-	-	583	-
			H004991226	7,863	-	-	-	-	-	7,863	-
			H006607402	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

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
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	(3,709)	-	-	-	-	-	(3,709)	-
		Grantor: *** South Dakota State University	3TE462	187,682	-	-	-	-	-	187,682	-

* denotes major programs

***denotes pass-through agency

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**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
		Grantor: *** Tuskegee University	36 22091 424 76190	29,192	-	-	-	-	-	29,192	-
		Grantor: *** University Of Arizona	277590	34,228	-	-	-	-	-	34,228	-
		Grantor: *** University Of Hawaii	MA1251	17,988	-	-	-	-	-	17,988	-
		Grantor: *** University Of Minnesota	H004383003	31,653	-	-	-	-	-	31,653	-
		Grantor: *** University Of Nebraska	26-6221-0338-002	6,253	-	-	-	-	-	6,253	-
		Grantor: *** Virginia Polytechnic Inst & State Univ	422475-19084	80,046	-	-	-	-	-	80,046	-
		<i>Total CFDA No. 10.310</i>		535,223	-	-	-	45,741	-	580,964	-
10.311		Beginning Farmer and Rancher Development Program									
		Grantor: *** Farmer Veteran Coalition	16122170	-	-	-	-	16,507	-	16,507	-
		<i>Total CFDA No. 10.311</i>		-	-	-	-	16,507	-	16,507	-
10.329		Crop Protection and Pest Management Competitive Grants Program									
		Grantor: *** Univ Of Illinois At Champaign-Urbana	076332-16669	4,537	-	-	-	-	-	4,537	-
		<i>Total CFDA No. 10.329</i>		4,537	-	-	-	-	-	4,537	-
10.352		Value-Added Producer Grants									
		Grantor: *** Mississippi State University	018000.340753.01	-	-	-	-	19,716	-	19,716	-
			018000.340677.01	28,889	-	-	-	-	-	28,889	-
		<i>*** Mississippi State University Total</i>		28,889	-	-	-	19,716	-	48,605	-
		<i>Total CFDA No. 10.352</i>		28,889	-	-	-	19,716	-	48,605	-
10.500		Cooperative Extension Service									
		Grantor: *** Illinois Cooperative Extension Service	14098242; IL 008250	44,001	-	-	-	-	-	44,001	-
		Grantor: *** Kansas State University	S17152	-	-	-	-	2,764	-	2,764	-
		Grantor: *** National Inst of Food & Agriculture	13-48762-21537	-	-	-	-	1,206,437	-	1,206,437	-
			2012-48756-20192	-	-	-	-	2,675	-	2,675	-
		<i>*** National Inst of Food & Agriculture Total</i>		-	-	-	-	1,209,112	-	1,209,112	-
		Grantor: *** Pennsylvania State University	5030-PU-UM-9802	-	-	-	-	57,529	-	57,529	-
		Grantor: *** University Of Minnesota	H003703712	-	-	-	-	1,874	-	1,874	-
			H005722929	-	-	-	-	24,389	-	24,389	-
		<i>*** University Of Minnesota Total</i>		-	-	-	-	26,263	-	26,263	-
		Grantor: *** University Of Nebraska-Lincoln	25-6324-0150-106	29,223	-	-	-	-	-	29,223	-
			25-6324-0150-014	-	-	-	-	229	-	229	-
		<i>*** University Of Nebraska-Lincoln Total</i>		29,223	-	-	-	229	-	29,452	-
		<i>Total CFDA No. 10.500</i>		73,224	-	-	-	1,295,897	-	1,369,121	-

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Purdue University
Schedule of Expenditures of Federal Awards
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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	
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										
		Grantor: *** US Endowment Forestry Communities	E16-50	49,608	-	-	-	-	-	49,608	-	-
		Total CFDA No. 10.652		49,608	-	-	-	-	-	49,608	-	-
	10.890	Rural Development Cooperative Agreement Program										
		Grantor: *** Mississippi State University	018000.340677.04	26,089	-	-	-	-	-	26,089	-	-
		Total CFDA No. 10.890		26,089	-	-	-	-	-	26,089	-	-
	10.902	Soil and Water Conservation										
		Grantor: *** Agricultural Research Service	59-5030-6-004	12,538	-	-	-	-	-	12,538	-	-
		Grantor: *** Conservation Technology Information Ctr	68-3A75-14-304	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										
		Grantor: *** Conservation Technology Information Ctr	13109145	-	-	-	-	44,349	-	44,349	-	-
		Grantor: *** Farm Foundation	693A7516007	-	-	-	-	58,661	-	58,661	-	-
		Total CFDA No. 10.912		-	-	-	-	103,010	-	103,010	-	-
	10.RD	U.S. Department of Agriculture										
		Grantor: *** P3 Nano	P3-1	123,570	40,691	-	-	-	-	123,570	40,691	-
			P3-3	132,540	-	-	-	-	-	132,540	-	-

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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
		*** 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	-	-	33,529,415	1,328,765	45,962,169	3,649,568
Department of Commerce											
<i>Direct Programs by CFDA</i>											
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	NTP18100911	-	-	-	-	7,845	-	7,845	-
Total Direct Programs				3,629,336	79,831	-	-	54,526	-	3,683,862	79,831
<i>Pass-Through Grantors by CFDA</i>											
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	-
			074483-15947	-	-	-	-	51,601	-	51,601	-
		*** 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-MKM00427	(2,875)	-	-	-	-	-	(2,875)	-

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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
			EDS# E16-6-KMA0521	12,925	-	-	-	-	-	12,925	-
			EDS# E16-6-KMA0522	1,469	-	-	-	-	-	1,469	-
			EDS# E16-6-KMA0523	(6)	-	-	-	-	-	(6)	-
		*** In Department Of Natural Resources Total		11,513	-	-	-	-	-	11,513	-
		Total CFDA No. 11.419		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 Mf 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	81,526
Total Department of Commerce				4,367,305	161,357	-	-	615,950	-	4,983,255	161,357

Department of Defense

Air Force

Direct Programs by CFDA

12.300	Basic and Applied Scientific Research	-	1,642,897	812,087	-	-	-	-	1,642,897	812,087
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	193,528
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	34,942
	*** 12.RD Total		649,691	34,942	-	-	-	-	649,691	34,942
12.U06	U.S. Department of Defense	SHANNON DAILY	-	-	-	-	2,404	-	2,404	-
Total Direct Programs			6,580,556	1,040,557	-	-	2,404	-	6,582,960	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	RES506635	5,200	-	-	-	-	-	5,200	-
		Grantor: *** Freedom Photonics, LLC.	16088127	1	-	-	-	-	-	1	-
		Grantor: *** Harvard University	123885-5079396	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	3091-01093	150,231	-	-	-	-	-	150,231	-
		Grantor: *** Von Karman Inst for Fluid Dynamics	FA9550-16-1-0120	72,927	-	-	-	-	-	72,927	-
		Total CFDA No. 12.800		1,688,871	-	-	-	-	-	1,688,871	-
12.RD		U.S. Department of Defense									
		Grantor: *** CFD 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	23,811
		Grantor: *** HyPerComp Inc	HPC12PU-AFOSR-AFRL-2015-	11,423	-	-	-	-	-	11,423	-
		Grantor: *** In Space, Llc	INS-21109-1	34,537	-	-	-	-	-	34,537	-
		Grantor: *** InnoSense 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: *** Roccoor, 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-S7138-01-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	RSC17068	170,381	-	-	-	-	-	170,381	-
		Total CFDA No. 12.RD		1,116,486	23,811	-	-	-	-	1,116,486	23,811
		Total Pass-Through Grantors		2,805,357	23,811	-	-	-	-	2,805,357	23,811
		Total Air Force		9,385,913	1,064,368	-	-	2,404	-	9,388,317	1,064,368
Army											
<i>Direct Programs by CFDA</i>											
12.420		Military Medical Research and Development	-	2,149,347	247,179	-	-	-	-	2,149,347	247,179
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-14-1-0588	64,424	-	-	-	-	-	64,424	-
			W911NF-16-2-0020	1,648,702	-	-	-	-	-	1,648,702	-
			W911NF-18-1-0074	122,147	-	-	-	-	-	122,147	-

* denotes major programs

***denotes pass-through agency

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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
			W912HQ-14-C-0047	121,444	-	-	-	-	-	121,444	-
			W912HQ-16-C-0048	494,725	10,223	-	-	-	-	494,725	10,223
			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	10,223
Total Direct Programs				6,533,662	257,402	-	-	-	-	6,533,662	257,402
<i>Pass-Through Grantors by CFDA</i>											
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-G4	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	61,235
		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	61,235
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	-

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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
		*** 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: *** Allion Science and Technology	SFP1141310	4,799	-	-	-	-	-	4,799	-
		Grantor: *** Battelle Memorial Institute	504872	412,406	249,618	-	-	-	-	412,406	249,618
		Grantor: *** CUBRC Inc	07983.12S2	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: *** Sonrisa Research Inc	16011871	25,890	-	-	-	-	-	25,890	-
			17012939	734,283	-	-	-	-	-	734,283	-
		*** Sonrisa Research Inc Total		760,173	-	-	-	-	-	760,173	-
		Grantor: *** University Of California-Los Angeles	0142SQA032	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				2,609,667	310,853	-	-	276	-	2,609,943	310,853
Total Army				9,143,329	568,255	-	-	276	-	9,143,605	568,255
<u>Defense Advanced Research Projects Agency</u>											
<i>Direct Programs by CFDA</i>											
12.910		Research and Technology Development	-	1,502,049	71,949	-	-	-	-	1,502,049	71,949
12.RD		U.S. Department of Defense	HR0011-13-2-0010	(1,773)	-	-	-	-	-	(1,773)	-
Total Direct Programs				1,500,276	71,949	-	-	-	-	1,500,276	71,949
<i>Pass-Through Grantors by CFDA</i>											
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									
		Grantor: *** Boeing Company, The	1235919	336,267	-	-	-	-	-	336,267	-

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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
		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	0142SQA031	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	71,949
Navy											
<i>Direct Programs by CFDA</i>											
12.300		Basic and Applied Scientific Research	-	10,421,791	841,290	-	-	7,000	-	10,428,791	841,290
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	60,000
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	-
			N41756-14-C-3292	6,248	-	-	-	-	-	6,248	-
			N68936-17-P-0010	79,837	-	-	-	-	-	79,837	-
			N6893618P0078	75,452	-	-	-	-	-	75,452	-
		*** 12.RD Total		345,989	-	-	-	-	-	345,989	-
12.U04		U.S. Department of Defense	N00189-16-P-2208	-	-	-	-	23,195	-	23,195	-
		Total Direct Programs		11,079,345	901,290	-	-	30,195	-	11,109,540	901,290
<i>Pass-Through Grantors by CFDA</i>											

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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
	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	S900880BAH	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.U02	U.S. Department of Defense									-
		Grantor: *** American Lightweight Materials MF Inst	PO 0025	-	-	-	-	89,915	-	89,915	-
		Total CFDA No. 12.U02		-	-	-	-	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	901,290
		Other DOD Agencies									
		<i>Direct Programs by CFDA</i>									
	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	-	-	-	-	687,421	103,244
	12.901	Mathematical Sciences Grants Program	-	30,722	-	-	-	-	-	30,722	-

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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
	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		1,545,838	-	-	-	-	-	1,545,838	-
	12.U00	U.S. Department of Defense	P.O.714289	-	-	-	-	(1,284)	-	(1,284)	-
	12.U03	U.S. Department of Defense	IPA MELISSA DARK	-	-	-	-	4,994	-	4,994	-
	12.U05	U.S. Department of Defense	IPA17012497	-	-	-	-	(8)	-	(8)	-
	12.U08	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	3004036942	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	16088525	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	-
			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.	DMDII-14-06-01	(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	-
			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	-	-	78,022	-	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											
<i>Direct Programs by CFDA</i>											
	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											
<i>Direct Programs by CFDA</i>											
	15.229	Wild Horse and Burro Resource Management	-	29,104	-	-	-	-	-	29,104	-
	15.231	Fish, Wildlife and Plant Conservation Resource Mangement	-	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	6,657	-	-	-	-	-	6,657	-
			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	-
			G17PX01452	5,425	-	-	-	-	-	5,425	-
		*** 15.RD Total		65,777	-	-	-	-	-	65,777	-
Total Direct Programs				531,632	30,753	-	-	-	-	531,632	30,753
<i>Pass-Through Grantors by CFDA</i>											
	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									

* denotes major programs

***denotes pass-through agency

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Purdue University
Schedule of Expenditures of Federal Awards
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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
		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	EDS#E2-15-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: *** Americaview Inc	AV13-IN01	6,691	3,000	-	-	-	-	6,691	3,000
		Total CFDA No. 15.815		6,691	3,000	-	-	-	-	6,691	3,000
15.RD		U.S. Department of Interior									
		Grantor: *** Kitware 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	3,000
		Total Department of Interior		1,204,529	33,753	-	-	10,111	-	1,214,640	33,753

Department of Justice

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

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
	16.560	National Institute of Justice Research, Evaluation, and Development Project Grant	-	456,801	150,000	-	-	3,184	-	459,985	150,000
	16.562	Criminal Justice Research and Development_Graduate Research Fellowships	-	24,896	-	-	-	50,099	-	74,995	-
Total Direct Programs				481,697	150,000	-	-	53,283	-	534,980	150,000
<i>Pass-Through Grantors by CFDA</i>											
	16.300	Law Enforcement Assistance_FBI Advanced Police Training									
		Grantor: *** Noblis	JANSUB2PUR	-	-	-	-	240,000	-	240,000	-
		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	150,000
Department of Labor											
<i>Direct Programs by CFDA</i>											
	17.282	Trade Adjustment Assistance Community College and Career Training (TAACCTT) 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									
		Grantor: *** Iowa State University	428-40-10A	44,236	-	-	-	-	-	44,236	-
		Total CFDA No. 17.502		44,236	-	-	-	-	-	44,236	-
	17.U00	U.S. Department of Labor									
		Grantor: *** Iowa State University	428-40-09A	-	-	-	-	30,396	-	30,396	-
		Total CFDA No. 17.U00		-	-	-	-	30,396	-	30,396	-
Total Pass-Through Grantors				44,236	-	-	-	30,396	-	74,632	-
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
Schedule of Expenditures of Federal Awards
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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
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

Direct Programs by CFDA

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											
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	DTFAC-13-D-00010-0001	31,885	-	-	-	-	31,885	-		
		DTFAC-13-D-00010-0002	29,750	-	-	-	-	29,750	-		
		DTFAC-13-D-00010-0004	2,812	-	-	-	-	2,812	-		
		DTFAC-13-D-00010-0005	27	-	-	-	-	27	-		
		DTFAC-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	DTFAC-13-D-00010-0005	-	-	-	(27)	-	(27)	-		
Total Direct Programs				2,976,276	743,920	-	-	2,926,113	-	5,902,389	743,920

Pass-Through Grantors by CFDA

20.200	Highway Research & Development Program								
	Grantor: *** In Department Of Transportation	EDS# A249-14-320689	170,485	-	-	-	-	170,485	-
		SPR-4155	82,601	-	-	-	-	82,601	-
		TPF-5(281)	184,175	-	-	-	-	184,175	-
		2017/18 APPROPRIATION	206,396	-	-	-	-	206,396	-

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Purdue University
Schedule of Expenditures of Federal Awards
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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-4123	148,247	-	-	-	-	-	148,247	-
			SPR-3708	49,903	43,599	-	-	-	-	49,903	43,599
			SPR-4003	118,793	114,030	-	-	-	-	118,793	114,030
			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	15,539
			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	107,828	-	-	-	-	-	107,828	-

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Purdue University
Schedule of Expenditures of Federal Awards
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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	57,858	-	-	-	-	-	57,858	-
			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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				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	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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		*** In Department Of Transportation	Total	7,104,948	221,460	-	-	16,191	-	7,121,139	221,460
		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	-
			EDS# 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: *** Traffax, 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	1534284	13,995	-	-	-	-	-	13,995	-
-		-	1537002	2,405	-	-	-	-	2,405	-
-		-	1547388	113,866	-	-	-	-	113,866	-

* denotes major programs

***denotes pass-through agency

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

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
-	-	-	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				256,738	7,837	-	-	-	-	256,738	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 Grantors by CFDA

43.001 Science

Grantor: *** Analytical Mechanics Assoc, Inc	T00163-FY16	8,510	-	-	-	-	8,510	-
	TEAMS3-PURDUE	2,291	-	-	-	-	2,291	-
*** Analytical Mechanics Assoc, Inc Total		10,801	-	-	-	-	10,801	-
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: *** Pancopia	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

* denotes major programs

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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
		Grantor: *** Massachusetts Institute Of Technology	5710003954	50,548	-	-	-	-	-	50,548	-
		Grantor: *** University Of Michigan	3003768338	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 6982-46-1	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	-

* 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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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
Total National Aeronautics and Space Administration				5,258,348	510,326	-	-	1,876,502	284,641	7,134,850	794,967
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.U00	National Endowment for the Arts & Humanities	HT-231824-15	-	-	-	-	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	-	9,588,697	-	-	-	-	-	9,588,697	-
	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	632,691	-	-	-	-	9,853,026	632,691
	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	-
			NTP-18112071	27,042	-	-	-	-	-	27,042	-
*** 47.RD Total				88,601	-	-	-	-	-	88,601	-
Total Direct Programs				63,863,581	5,986,053	-	-	-	-	63,863,581	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	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: *** Ento Bio	17089006	6,994	-	-	-	-	-	6,994	-
		Grantor: *** Florida International University	800004153-01	11,815	-	-	-	-	-	11,815	-
		Grantor: *** Northwestern University	SPO027655-PROJ0007253	150,378	-	-	-	-	-	150,378	-
		Grantor: *** Nutramaize	17066893	62,019	-	-	-	-	-	62,019	-
		Grantor: *** Rutgers, The State University	2297	86,964	-	-	-	-	-	86,964	-
			5792	55,701	-	-	-	-	-	55,701	-
		*** Rutgers, The State University Total		142,665	-	-	-	-	-	142,665	-
		Grantor: *** Thermochem, 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	F1040044	(43)	-	-	-	-	-	(43)	-
		Grantor: *** Princeton University	SUB0000181	690,070	-	-	-	-	-	690,070	-
			00002018	(1,448)	-	-	-	-	-	(1,448)	-
			SUB0000074	(508)	-	-	-	-	-	(508)	-
		*** Princeton University Total		688,114	-	-	-	-	-	688,114	-

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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
		Grantor: *** University Of Michigan	3002095871	5,877	-	-	-	-	-	5,877	-
		Grantor: *** University Of Minnesota	0000524406	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	-
		<i>Total CFDA No. 47.049</i>		<i>907,089</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>907,089</i>	<i>-</i>
47.050		Geosciences									
		Grantor: *** Columbia University	55(GG009393)	6,652	-	-	-	-	-	6,652	-
			1(GG006672)	41,988	-	-	-	-	-	41,988	-
			1(GG013199)	23,046	-	-	-	-	-	23,046	-
			1(GG013208)	96,045	-	-	-	-	-	96,045	-
		<i>*** Columbia University Total</i>		<i>167,731</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>167,731</i>	<i>-</i>
		Grantor: *** Univ Of Illinois At Champaign-Urbana	072212-14701	48,235	-	-	-	-	-	48,235	-
		<i>Total CFDA No. 47.050</i>		<i>215,966</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>215,966</i>	<i>-</i>
47.070		Computer and Information Science and Engineering									
		Grantor: *** George Mason University	E2043283	14,018	-	-	-	-	-	14,018	-
		Grantor: *** Michigan State University	RC104385PUR	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	17286-Z4314001	41,622	-	-	-	-	-	41,622	-
		Grantor: *** University Of Minnesota	A006581302	32,222	-	-	-	-	-	32,222	-
		Grantor: *** University Of Notre Dame	202369PU	58,234	-	-	-	-	-	58,234	-
		<i>Total CFDA No. 47.070</i>		<i>1,145,882</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>1,145,882</i>	<i>-</i>
47.074		Biological Sciences									
		Grantor: *** Louisiana State University	PO-0000025955	19,008	-	-	-	-	-	19,008	-

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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: *** Michigan State University	RC104982PU	223,991	-	-	-	-	-	223,991	-
			RC105234PU	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	-
			478778-19084	(315)	-	-	-	-	-	(315)	-
		*** Virginia Tech Total		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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				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: *** 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	0048046 (011774-1)	13,359	-	-	-	-	-	13,359	-
		Grantor: *** University Of Wisconsin-Madison	665K980	22,523	-	-	-	-	-	22,523	-
		Grantor: *** Vanderbilt University	UNIV59509	31,033	-	-	-	-	-	31,033	-
		Grantor: *** Virginia Polytechnic Inst & State Univ	479710-19084	2,022	-	-	-	-	-	2,022	-
		Total CFDA No. 47.076		1,138,396	-	-	-	-	-	1,138,396	-
47.078		Polar Programs									
		Grantor: *** University Of Colorado	1549864	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: *** Phytoption LLC	16012614	72,446	-	-	-	-	-	72,446	-
		Grantor: *** SmartGait	16121589	14,210	-	-	-	-	-	14,210	-
		Grantor: *** University Of California - Davis	UCD382823	14,499	-	-	-	-	-	14,499	-
		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	5,986,053

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 & Entrshp	EDS# A69-7-SBDC-16-209		-	-	-	-	62,953	-	62,953	-
		EDS# A69-7-SBDC-18-210		-	-	-	-	15,454	-	15,454	-

* 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
			EDS# A342-8-SBDC-18-109	-	-	-	-	102,514	-	102,514	-
			EDS# A342-8-SBDC-18-113	-	-	-	-	55,350	-	55,350	-
			EDS# A69-7-SBDC-16-212	-	-	-	-	117,684	-	117,684	-
			EDS# A69-7-SBDC-16-211	-	-	-	-	100,858	-	100,858	-
			EDS# A342-8-SBDC-18-111	-	-	-	-	108,297	-	108,297	-
			*** Office of Small Business & Entrshp 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	Office 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									
	Grantor: *** University Of Minnesota	H005496402	-	-	-	-	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	-
		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)	-

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Purdue University
Schedule of Expenditures of Federal Awards
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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
		Total CFDA No. 66.708		-	-	-	-	(364)	-	(364)	-
66.951		Environmental Education Grants									
		Grantor: *** University Of Nebraska-Lincoln	25-6321-0341-004	26	-	-	-	-	-	26	-
		Total CFDA No. 66.951		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	-
		Total CFDA No. 66.RD		96,889	-	-	-	-	-	96,889	-
		Total Pass-Through Grantors		252,733	-	-	-	17,036	-	269,769	-
		Total Environmental Protection Agency		912,597	226,973	-	-	764,185	-	1,676,782	226,973
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	124,116
			NRC-HQ-60-15-T-0001	339,824	282,194	-	-	-	-	339,824	282,194
			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	-	-	-	-	579,412	406,310
		Total Direct Programs		755,013	406,310	-	-	109,360	-	864,373	406,310
<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	-
		Total CFDA No. 77.009		75,181	-	-	-	-	-	75,181	-
		Total Pass-Through Grantors		75,181	-	-	-	-	-	75,181	-
		Total Nuclear Regulatory Commission		830,194	406,310	-	-	109,360	-	939,554	406,310

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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	
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	-	8,259,097	476,839	-	-	-	-	8,259,097	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, Trail	-	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	-	
	-	-	1759805	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	-	
	-	-	1889365	63,014	-	-	-	-	-	63,014	-	
	-	-	1895765	3,750	-	-	-	-	-	3,750	-	
	-	-	189820	66,930	-	-	-	-	-	66,930	-	
	-	-	192392	10,061	-	-	-	-	-	10,061	-	
	-	-	20,079	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
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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
-	-	-	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-SC0014281	93,352	-	-	-	-	-	93,352	-
-	-	-	DE-SC0018238	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	14,452
-	-	-	XDJ-8-82050-01	51,871	-	-	-	-	-	51,871	-
-	-	-	XEJ-3-23225-01	153,552	-	-	-	-	-	153,552	-
-	-	-	XEU-6-62534-01	(4,706)	-	-	-	-	-	(4,706)	-
-	-	-	ZEJ-6-62142-01	156,597	-	-	-	-	-	156,597	-
*** 81.RD Total				5,262,416	39,912	-	-	-	-	5,262,416	39,912
81.U00		U.S. Department of Energy	PURCHASE ORDER 104741	-	-	-	-	(792)	-	(792)	-
81.U01		U.S. Department of Energy	118199	-	-	-	-	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	2,145,667
<i>Pass-Through Grantors by CFDA</i>											
81.049		Office of Science Financial Assistance Program									
Grantor: *** Chapman University		500307-0002		76,032	-	-	-	-	-	76,032	-
Grantor: *** New York University		PO# IB00145022		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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Purdue University
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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 CFDA No. 81.049		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	-
		Total CFDA No. 81.086		1,711,018	-	-	-	-	-	1,711,018	-
81.087		Renewable Energy Research and Development									
		Grantor: *** 3m Pharmaceuticals	DE-EE0007270	134,815	-	-	-	-	-	134,815	-
		Grantor: *** Arizona State University	17-091	67,371	-	-	-	-	-	67,371	-
		Grantor: *** Mercurius Biorefining	13032921	-	-	-	-	-	-	-	-
		Grantor: *** Stanford University	60220590-51077-P	13,161	-	-	-	-	-	13,161	-
		Total CFDA No. 81.087		215,347	-	-	-	-	-	215,347	-
81.113		Defense Nuclear Nonproliferation Research									
		Grantor: *** North Carolina State University	2014-0501-03	281,947	-	-	-	-	-	281,947	-
		Total CFDA No. 81.113		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	-
		Total CFDA No. 81.121		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	-
		Total CFDA No. 81.135		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									
		Grantor: *** University Of Kentucky	3200001517-18-076	-	-	-	-	117,122	-	117,122	-
		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	-	24,359,763	2,145,667
Department of Education											
<i>Direct Programs by CFDA</i>											
	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									

* denotes major programs

***denotes pass-through agency

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**Purdue University
Schedule of Expenditures of Federal Awards
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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
	84.042	TRIO_Student Support Services	-	237,341	-	-	-	759,248	-	996,589	-
	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	-	979,870	193,221	-	-	-	-	979,870	193,221
	84.334*	Gaining Early Awareness and Readiness for Undergraduate Program	-	-	-	-	-	3,230,113	275,116	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	275,116	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									
		Grantor: *** Endicott College	16055911	5,242	-	-	-	-	-	5,242	-
		Grantor: *** Georgia State University	SP00012139-09	-	-	-	-	223,429	-	223,429	-
		Total CFDA No. 84.116		5,242	-	-	-	223,429	-	228,671	-
	84.305	Education Research, Development and Dissemination									
		Grantor: *** Oregon State University	ED161A-B	30,700	-	-	-	-	-	30,700	-
		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									
		Grantor: *** In Department Of Education	CONTRACT# 19396	-	-	-	-	198,472	9,577	198,472	9,577
			CONTRACT# 19996	70,478	-	-	-	-	-	70,478	-
			CONTRACT# 19395	58,206	-	-	-	-	-	58,206	-

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Purdue University
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			CONTRACT# 19644	-	-	-	-	185,416	-	185,416	-
			CONTRACT# 19272	-	-	-	-	154,651	-	154,651	-
			*** 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 #J22-16-C0450	85,723	-	-	-	-	-	85,723	-
		Grantor: *** National Writing Project	03-IN06-SEED2016-ILI	-	-	-	-	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	253,681,630	-	7,328,479	284,693	263,671,907	477,914

Department of Health and Human Services

Agency for Healthcare Research and Quality

Direct Programs by CFDA

Health Center Program Cluster

93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, H	-	-	-	-	2,264,604	-	2,264,604	-
	Total Health Center Program Cluster	-	-	-	-	2,264,604	-	2,264,604	-
93.226	Research on Healthcare Costs, Quality and Outcomes	-	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

93.217	Family Planning Services										
	Grantor: *** Indiana Family Health Council, Inc.	TITLE X	-	-	-	-	-	127,084	-	127,084	-
		Total CFDA No. 93.217	-	-	-	-	-	127,084	-	127,084	-
93.226	Research on Healthcare Costs, Quality and Outcomes										
	Grantor: *** Indiana University	IN4688936PU	61,971	-	-	-	-	-	-	61,971	-
		IN4688900PU	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	375,838	-	-	-	(2,896)	-	-	372,942	-

TANF Cluster

93.558	Temporary Assistance for Needy Families										
	Grantor: *** Indiana Family Health Council, Inc.	TANF	-	-	-	-	-	78,017	-	78,017	-

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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 CFDA No. 93.558		-	-	-	-	78,017	-	78,017	-
		Total TANF Cluster		-	-	-	-	78,017	-	78,017	-
93.667		Social Services Block Grant									
		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	52,970
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									
		Grantor: *** In State Department Of Health	CONTRACT #16829	95	-	-	-	-	-	95	-
		Total CFDA No. 93.071		95	-	-	-	-	-	95	-
93.113		Biological Response to Environmental Health Hazards									
		Grantor: *** Harvard School of Public Health	112150-5077626	22,939	-	-	-	-	-	22,939	-
		Total CFDA No. 93.113		22,939	-	-	-	-	-	22,939	-
93.136		Injury Prevention and Control Research and State and Community Based Programs									
		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									
		Grantor: *** Univ Of Cincinnati-Edu & Research Ctr	010412-019	3,344	-	-	-	-	-	3,344	-
		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									
		Grantor: *** Safe Kids	30003687-03	55,000	-	-	-	-	-	55,000	-
		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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**Purdue University
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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
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	-
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)									
		Grantor: *** Indiana University	1L1CMS331444-03-00	-	-	-	-	1,004,815	-	1,004,815	-
		Total CFDA No. 93.638		-	-	-	-	1,004,815	-	1,004,815	-
Medicaid Cluster											
93.778		Medical Assistance Program									
		Grantor: *** In Family & Social Services Admin	CONTRACT# 18963	-	-	-	-	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									
		Grantor: *** Altarum Institute	SC-17-010	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	-	-	-	-	10,188	-	10,188	-
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									
		Grantor: *** In State Department Of Health	CONTRACT ID#17451	-	-	-	-	97,627	-	97,627	-
		Grantor: *** Iowa State University	430-30-01D, AMENDMENT #2	-	-	-	-	8,000	-	8,000	-
		Grantor: *** Long Island University	0001	211,735	-	-	-	-	-	211,735	-

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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: *** Natnl 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-2018-002	32,801	-	-	-	-	-	32,801	-
			NIPTE-U01-PU-2016-001	52,126	-	-	-	-	-	52,126	-
		*** Natnl 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	3,500
		*** Indiana University Total		95,804	3,500	-	-	-	-	95,804	3,500
		Total CFDA No. 93.107		95,804	3,500	-	-	-	-	95,804	3,500
	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	3,500
Total Health Resources and Services Administration				477,884	3,500	-	-	946,670	-	1,424,554	3,500
National Institute of Health											
<i>Direct Programs by CFDA</i>											
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	140,004
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	59,852
93.213		Research and Training in Complementary and Alternative Medicine	-	840,454	280,387	-	-	-	-	840,454	280,387
93.242		Mental Health Research Grants	-	1,197,519	10,325	-	-	-	-	1,197,519	10,325
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	182,560
93.310		Trans-NIH Research Support	-	2,869,353	320,130	-	-	-	-	2,869,353	320,130
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	29,802
93.393		Cancer Cause and Prevention Research	-	1,369,164	319,184	-	-	-	-	1,369,164	319,184
93.395		Cancer Treatment Research	-	3,364,472	232,627	-	-	-	-	3,364,472	232,627
93.396		Cancer Biology Research	-	880,496	8,092	-	-	-	-	880,496	8,092
93.397		Cancer Centers Support Grants	-	2,101,943	131,763	-	-	-	-	2,101,943	131,763

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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
93.398		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									
		Grantor: *** Boston University	4500002206	37,551	-	-	-	-	-	37,551	-
		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									
		Grantor: *** Michigan State University	RC102935PU	76,048	-	-	-	-	-	76,048	-
		Total CFDA No. 93.143		76,048	-	-	-	-	-	76,048	-
93.173		Research Related to Deafness and Communication Disorders									

* denotes major programs

***denotes pass-through agency

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Purdue University
Schedule of Expenditures of Federal Awards
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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
		Grantor: *** Ohio State University	60049961	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 Barabara	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	3210000358-17-225	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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**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
		*** In Univ Purdue Univ At Indianapolis	Total	1,032,580	-	-	-	-	-	1,032,580	-
		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	1299701	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	16076937	2,383	-	-	-	-	-	2,383	-
		Grantor: *** University Of California - San Francisco	10194SC	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	568408	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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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
93.846		Arthritis, 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	691K924	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	IN4689905PU	33,857	-	-	-	-	-	33,857	-
		Grantor: *** Rutgers, The State University	0202	87,434	-	-	-	-	-	87,434	-
		Grantor: *** Univ Of Texas S Wstn 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	-
			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	-
			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	3004658791	134,795	-	-	-	-	-	134,795	-
		Grantor: *** University Of Rochester	416848-G	7,076	-	-	-	-	-	7,076	-

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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
		Grantor: *** Vanderbilt University	VUMC 53180	200,452	-	-	-	-	-	200,452	-
		Grantor: *** Virginia Commonwealth University	FP00001488_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		1,684,056	-	-	-	-	-	1,684,056	-
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-4500002413	81,567	-	-	-	-	-	81,567	-
		Grantor: *** Cornell University	78359-10729	59,139	-	-	-	-	-	59,139	-
		Grantor: *** Northwestern University	SP0029058-PROJ0007627	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	82691762	43,695	-	-	-	-	-	43,695	-
		Grantor: *** University Of California - Santa Cruz	A18-0179-S001-PO646848	170,027	-	-	-	-	-	170,027	-
		Grantor: *** University Of Illinois At Chicago	7469	1,372	-	-	-	-	-	1,372	-
		Grantor: *** University Of Minnesota	A004265801	102,185	-	-	-	-	-	102,185	-
		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	M13A11537 (A09028)	8,611	-	-	-	-	-	8,611	-
		Total CFDA No. 93.865		38,825	-	-	-	-	-	38,825	-

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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
93.866		Aging Research									
		Grantor: *** Work Life Help LLC	14109066	(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	-
			182101	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	-
			394086	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	4,121,288
		Other DHHS Agencies									
		<i>Direct Programs by CFDA</i>									
93.136		Injury Prevention and Control Research and State and Community Based Programs	-	285,519	57,492	-	-	-	-	285,519	57,492

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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
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	57,492
<i>Pass-Through Grantors by CFDA</i>											
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	57,492

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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	
Total Department of Health and Human Services Direct Programs				44,584,456	4,468,656	514,686	-	4,037,298	-	49,136,440	4,468,656	
Total Department of Health and Human Services Pass-Through Grantors				8,804,471	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-B0006	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	Grantor: *** George Mason University	E2042938	102,161	-	-	-	-	102,161	-	
			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	Grantor: *** High Performance Imaging	15109520	69,654	-	-	-	-	69,654	-	
			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	-	

* 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
Total Department of Homeland Security				1,630,679	233,636	-	-	252,595	-	1,883,274	233,636
Agency for International Development											
<i>Direct Programs by CFDA</i>											
98.001		USAID Foreign Assistance for Programs Overseas	-	-	-	-	-	291,806	51,083	291,806	51,083
98.012		USAID Development Partnerships for University Cooperation and Development	-	-	-	-	-	5,109	-	5,109	-
98.U00		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	MW.16.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		-	-	-	-	737,486	57,111	737,486	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

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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

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
		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. 98.012		-	-	-	-	1,105,395	-	1,105,395	-
98.RD		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.RD		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	898,957	4,086,125	898,957
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

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
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 WELLNITZ 17100661	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
<i>Summary of Pass-Through Grantors</i>				47,143,375	833,844	-	-	18,316,877	503,754	65,460,252	1,337,598
<i>Summary of Total Federal Awards</i>				231,815,596	20,840,707	254,196,316	-	61,163,297	2,797,056	547,175,209	23,637,763

* 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
--	-----

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/>.