STATE BOARD OF ACCOUNTS 302 West Washington Street Room E418 INDIANAPOLIS, INDIANA 46204-2769

FEDERAL SINGLE AUDIT REPORT

PURDUE UNIVERSITY

WEST LAFAYETTE, INDIANA

July 1, 2015 to June 30, 2016





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SCHEDULE OF UNIVERSITY OFFICIALS

Office	<u>Official</u>	<u>Term</u>
President	Mitchell E. Daniels, Jr.	07-01-15 to 06-30-17
Treasurer and Chief Financial Officer	William E. Sullivan	07-01-15 to 06-30-17
Senior Vice President for Business Services and Assistant Treasurer	James S. Almond	07-01-15 to 06-30-17
Executive Vice President for Research and Partnerships	Suresh Garimella	07-01-15 to 06-30-17
Chairman of the Board of Trustees	Michael R. Berghoff	07-01-15 to 06-30-17



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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, 2016, and have issued our report thereon dated October 12, 2016, which contained unmodified opinions on those financial statements. Our audit was performed for the purpose of forming opinions on the financial statements as a whole. We have not performed any procedures with respect to the audited financial statements subsequent to October 12, 2016. Our report includes a reference to other auditors who audited the financial statements of the Purdue Research Foundation (Foundation), as described in our report on the University's financial statements.

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 financial statements. This 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, CPA State Examiner

October 12, 2016



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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, 2016, 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 12, 2016. Our report includes a reference to other auditors who audited the financial statements of the Purdue Research Foundation (Foundation), 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 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 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 12, 2016



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

TO: THE OFFICIALS OF PURDUE UNIVERSITY, WEST LAFAYETTE, 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, 2016. 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, 2016.

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

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

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

February 22, 2017

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	CEDA		_	Research and Development Cluster		Student Financial Assistance Cluster*		Other		Total	
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
	nent of Agri		Nomber	Expended	Jobiecipienis	Lxpended	Sobiecipieriis	Expended	30DIECIPIEI II3	Expended	30brecipieriis
-	_										
L	Direct Programs	s by CFDA									
_	10.000	U.S. Department of Agriculture	Unknown	109,562	-	-		- 296,293	-	405,855	
_	10.001	Agricultural Research_Basic and Applied Research		2,527,678	110,241	-		- 1,968	-	2,529,646	110,24
_	10.025	Plant and Animal Disease, Pest Control, and Animal Care	-	609,894	-	-		- 157,302	-	767,196	
_	10.028	Wildlife Services	-	120,458	-	-			-	120,458	
	10.054	Emergency Conservation Program	-	-	-	-		- 4,665	-	4,665	
	10.163	Market Protection and Promotion	-	-	-	-		- 102,497	-	102,497	
_	10.200	Grants for Agricultural Research, Special Research Grants	-	1,176,212	348,822	-		- 15,258	-	1,191,470	348,822
_	10.202	Cooperative Forestry Research	-	50,268	-	-				50,268	
_	10.203	Payments to Agricultural Experiment Stations Under the Hatch Act	-	6,808,485	-	-		- 1,321	-	6,809,806	
_	10.210	Food and Agricultural Sciences National Needs Graduate Fellowship Grants	-	-	-	-		- 79,828	-	79,828	
_	10.217	Higher Education Challenge Grants	-	-	-			- 253,451	141,084	253,451	141,084
_	10.220	Higher Education Multicultural Scholars Program	-	-	-	-		- 88,923	-	88,923	
_	10.226	Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	-	-	-	-		- 27,310	-	27,310	
_	10.250	Agricultural and Rural Economic Research	-	183,876	-	-			-	183,876	
7 _	10.255	Research Innovation and Development Grants in Economics (RIDGE)	-	287,555	217,826	-				287,555	217,826
_	10.290	Agricultural Market and Economic Research	-	77,394	-	-			-	77,394	
_	10.303	Integrated Programs	-	209,547	-	-			-	209,547	
_	10.304	Homeland Security_Agricultural	-	21,652	-	-		- 565,989	114,471	587,641	114,47
_	10.307	Organic Agriculture Research and Extension Initiative	-	311,099	177,661	-				311,099	177,66
_	10.309	Specialty Crop Research Initiative	-	822,195	447,398					822,195	447,398
_	10.310	Agriculture and Food Research Initiative	-	4,753,462	2,146,296			- 215,118		4,968,580	2,146,296
_	10.311	Beginning Farmer and Rancher Development Program	-		-	-		- 169,788	14,540	169,788	14,540
=	10.318	Women and Minorities in Science, Technology, Engineering, and Mathematics Fields	-	(5,608)	-	-			-	(5,608)	
_	10.329	Crop Protection and Pest Management Competitive Grants Program	-	68,224	6,292			- 194,618	-	262,842	6,292
_	10.475	Cooperative Agreements with States for Intrastate Meat and Poultry Inspection	-	-	-	-		- 21,105	-	21,105	
_	10.477	Meat, Poultry, and Egg Products Inspection	-	574,759	-	-			-	574,759	
_	10.500*	Cooperative Extension Service	-	150,669	16,159	-		- 13,804,238	1,701,341	13,954,907	1,717,500
_	10.652	Forestry Research	-	493,917	-	-			-	493,917	
_	10.680	Forest Health Protection	-	31,539	-	-		- 48,955	30,464	80,494	30,464
_	10.777	Norman E. Borlaug International Agricultural	-		-			- 15,344	-	15,344	
_	10.868	Science and Technology Fellowship Rural Energy for America Program	-					- 32,888		32,888	

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oti	her	Tota	al
tor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures t Subrecipients
101	10.902	Soil and Water Conservation	- Nomber	178,485	30biecipieriis	- Expended	Subrecipieriis		30DIECIPIETIIS	178,485	Subrecipierii
artmont		Iture (continued)		170,100						170,100	
ai uneni	-										
	10.912	Environmental Quality Incentives Program	-	64,498	-	-		- 96,763	-	161,261	
	10.960	Technical Agricultural Assistance	-	-	-	-		- 126,546	13,356	126,546	13
	10.961	Scientific Cooperation and Research	-	-	-	-		- 22,339	11,616	22,339	11
	10.962	Cochran Fellowship Program-International Training Foreign Participant	-	-	-	-		- 36,234	-	36,234	
To	tal Direct F	Program		19,625,820	3,470,695	-		- 16,378,741	2,026,872	36,004,561	5,49
Pas	ss-Through	Grantors by CFDA									
	10.000	U.S. Department of Agriculture									
		Grantor: *** Michigan State University	RC068341	3,304	-	-			-	3,304	
		Grantor: *** P3 Nano	P3-1	18,395	-	-			-	18,395	
			P3-3	88,249	-	-			-	88,249	
		*** P3 Nano Total		106,644	-	-			-	106,644	
		Grantor: *** U of Kentucky CTR for Poverty Res	3048109631-14-015	4,075	-	-			-	4,075	
		Total CFDA No. 10.000		114,023	-	-			-	114,023	
	10.001	Agricultural Research_Basic and Applied Research									
		Grantor: *** Agricultural Research Service	58-3602-4-016	24,739	-	-			-	24,739	
			59-3602-3-005	1,047	-	-			-	1,047	
			59-3602-3-006	16,791	-	-			-	16,791	
			59-3655-2-629	127,002	-	-			-	127,002	
			59-5012-5-008	25,213	-	-			-	25,213	
			59-5020-6-001	23,470	-	-			_	23,470	
		*** Agricultural Research Service		218,262					-	218,262	
		Total Grantor: *** Texas A&M AgriLife Research	06-S150626	11,689	-	-				11,689	
		Total CFDA No. 10.001		229,951	-	-			-	229,951	
	10.00F	Plant and Animal Disease Bact Control and Animal Co									
	10.025	Plant and Animal Disease, Pest Control, and Animal Conference *** Cornell University	74605-10469	19,986	_	_			-	19,986	
		Grantor: *** Kansas State University	S16026	2,750	_	_				2,750	
		Grantor: *** University Of New Mexico	0480CQ-87V3					- (100)		(100)	
		Grantor: *** IN Department of Natural	E4-15-KP0003							1,953	
		Resources		1,953							
			EDS E4-16-K0001	54,927	-	•				54,927	
		*** IN Department of Natural	EDS E4-16-KP0002	44,047	-	-				44,047	
		Resources Total		100,927	-	-			-	100,927	
		Grantor: *** Xavier University	USDA-2016-01	4,729	-	-			-	4,729	
		Total CFDA No. 10.025		128,392	-	-		- (100)	-	128,292	

^{10.156} Federal-State Marketing Improvement Program

^{*} denotes major programs

March Marc					Research and Dev	elopment Cluster	Student Financia	al Assistance Cluster*	Ot	her	Tota	li
Part	Grantor		CEDA Title /Pass-Through Grantor									
Page	Gramor	140.						Sobrecipierns				- Jobiecipienis
10 7						-	-			-		
	Departme	nt of Aaricult	ture (continued)									
Part		-									_	_
ASST 16 SQB0 12 ORD CR33		10.170	Grantor: *** IN State Department of	A337-14-SCRG-13-001					15.077		15.077	
Page			Agriculture		(00)							
Page												-
1000 1000				EDS A337-13-SCBG-12-005	(233)	-	-			-	(233)	
10.00				EDS A337-15-SCBG-14-002	-	-	-		- 41,089	-	41,089	-
Page				EDS A337-15-SCBG-14-005	64,321	30,339	-			-	64,321	30,339
10.200 F.OS A037-16-SCR6-15-D04 12.302				EDS A337-15-SCBG-14-006	11,795	-	-			-	11,795	-
10.200 Agriculture Food 10.700				EDS A337-16-SCBG-15-003	8,702		-			-	8,702	-
Page				EDS A337-16-SCBG-15-004	12,392	-	-			-	12,392	-
10.200					96,914	30,339	-		- 56,166	-	153,080	30,339
10.200 Carattor : "**Colorado State University UM MONITORING 2008 1.753					96,914		-					
		10.000		0	•	•					-	
		10.200			1 753	_	_			_	1 753	_
Carantor: "Michigan State University RC109972A 10,000	<u> </u>											
Total CFDA No. 10.200 11,753 10,000 213 11,966 10,000	Ÿ				10,000	10,000						10,000
10.203 Psyments to Agricultural Expensent Islations Under the Hatch Act Polyset 11,182									- 213	-		
Grantor: "* University Of Hawaii		10.202	Poyments to Agricultural Experiment Stations Linder	the Hetch Act							-	-
Total CFDA No. 10.203		10.203			11,182	-	-			-	11,182	-
Grantor: "" En'urga, Inc. 14033687 884 - - - - - 884 - - - - 64,209 - - - 64,209 - - - 64,209 - - - 64,209 - - - 64,209 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - - 65,093 - - - - - - - - -							-			-		-
Grantor: "" En'urga, Inc. 14033667 884 - - - - - 884 - - - - 64,209 - - - 64,209 - - - 64,209 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - 65,093 - - - - 65,093 - - - - - - - - -		10.212	Small Business Innovation Research									
Carantor: *** Los Gatos Research Inc 13087567 29,990				14033667	884	-	-			-	884	-
Grantor: *** Los Gatos Research Inc 13087567 29,990 - - - - 29,990 -				14087887	64,209	-	-			-	64,209	-
Total CFDA No. 10.212 95,083 - - - - 95,083 - - 10.215			*** En'urga, Inc. Total		65,093	-	-			-	65,093	-
10.215 Sustainable Agriculture Research and Education Grantor: *** University Of Minnesota H003040114			Grantor: *** Los Gatos Research Inc	13087567	29,990	-	-			-	29,990	-
10.215 Sustainable Agriculture Research and Education Grantor: "University Of Minnesota H003040114			Total CFDA No. 10.212		95,083	-	-			-	95,083	-
Grantor: *** University Of Minnesota		10.215	Sustainable Agriculture Research and Education								-	-
H004403704 LNC14-359 71,268 71,268 H004403713 3,107 - 3,107				H003040114	-	-	-		- 8,869	-	8,869	-
H004403713 3,107 - 3,107 - H004403722 21,181 21,181 -				H003679412	-	-	-		- 9,066	-	9,066	-
H004403722 21,181 21,181 -				H004403704 LNC14-359	71,268	-	-			-	71,268	-
				H004403713	-	-	-		- 3,107	-	3,107	-
H004403738 1,552 1,552 -				H004403722	21,181	-	-			-	21,181	-
				H004403738	1,552	-	-			-	1,552	

^{*} denotes major programs

Total CFDA No. 10.			Research and Deve	elopment Cluster	Student Financial	Assistance Cluster*	Oti	her	Tota	ıl
Department of Agriculture (continued) Total CFDA No. 10. 10.217 Higher Education Challeng Grantor: "" Texa Grantor: "" Univ Total CFDA No. 10. 10.303 Integrated Programs Grantor: "" Nort Grantor: "" IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_ Agriculture and Food Rese Grantor: "" Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: "" Aub Grantor: "" Iowa Grantor: "" Univ G	brough Crantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Total CFDA No. 10.	nough Granioi	H004991210	13,696	30biecipienis -	Expended			Subrecipieriis	13,696	Subrecipierns
Total CFDA No. 10.		11004331210								
Total CFDA No. 10. 10.217 Higher Education Challeng Grantor: "" Texa Grantor: "" Univ Total CFDA No. 10. 10.303 Integrated Programs Grantor: "" Nort Grantor: "" Mich Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: "" Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: "" Aub Grantor: "" Corr Grantor: "" Iowa Grantor: "" Iowa Grantor: "" Iowa Grantor: "" Soul Grantor: "" Soul Grantor: "" Univ	University Of Minnesota Total		107,697	-	-		- 21,042	-	128,739	
10.217 Higher Education Challeng Grantor: *** Texa Grantor: *** Univ Total CFDA No. 10. 10.303 Integrated Programs Grantor: *** Nort Grantor: *** Nort Grantor: *** IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Iowa Grantor: *** Iowa **** Iowa Grantor: *** Iowa Grantor: *** Univ										
Grantor: "" Texa Grantor: "" Univ Total CFDA No. 10. 10.303 Integrated Programs Grantor: "" Not Grantor: "" IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: "" Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: "" Aub Grantor: "" Corr Grantor: "" Iowa "" Kan: Grantor: "" Kan: Grantor: "" Soul Grantor: "" Univ Grantor: "" Univ Grantor: "" Univ	10.215		107,697	-	-		- 21,042	-	128,739	
Grantor: *** Univ Total CFDA No. 10. 10.303 Integrated Programs Grantor: *** Not Grantor: *** In U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aub Grantor: *** Corr Grantor: *** Iowa **** Iowa Grantor: *** Kan: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ	llenge Grants									
Total CFDA No. 10. 10.303 Integrated Programs Grantor: "" Nort Grantor: "" IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: "" Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: "" Aub Grantor: "" Iowa Grantor: "" Iowa "" Kan: Grantor: "" Soul Grantor: "" Soul Grantor: "" Univ Grantor: "" Univ Grantor: "" Univ	Texas A&M University	06-S150646	-	-	-		- 18,001	-	18,001	
10.303 Integrated Programs Grantor: *** Nort Grantor: *** Univ Grantor: *** IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_ Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aub Grantor: *** Iowa Grantor: *** Iowa *** Iowa Grantor: *** Iowa *** Kan Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ	University Of Illinois	2013-04368-01 (AA633)	75,743	-	-			-	75,743	
Grantor: "Nort Grantor: "In U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: "Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: "Aub Grantor: "Orr Grantor: "Nove Grantor: "Nove "" Kan. Grantor: "Soul Grantor: "Univ Grantor: "Univ Grantor: "Univ Grantor: "Univ	10.217		75,743	-	-		- 18,001	-	93,744	
Grantor: *** Univ Grantor: *** Univ Grantor: *** IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Iowa *** Iowa Grantor: *** Iowa *** Kan: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ										
Grantor: *** IN U Indianapolis Total CFDA No. 10. 10.304 Homeland Security_ Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aub Grantor: *** Iowa Grantor: *** Iowa *** Kan: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ	North Dakota State University	FAR0021475 76427	26,755 72,192		<u> </u>			-	26,755 72,192	
Indianapolis	IN Univ Purdue Univ at									
10.304 Homeland Security_Agricu Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Corr Grantor: *** Iowa *** Iowa Grantor: *** Kan: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ		IU-4394216-PU	23,630	-	-			-	23,630	
Grantor: *** Mich Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Iowa *** Iowa Grantor: *** Kan: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ Grantor: *** Univ	10.303		122,577	-	-			-	122,577	
Total CFDA No. 10. 10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Iowa *** Iowa Grantor: *** Kan: Grantor: *** Peni Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	gricultural									
10.310 Agriculture and Food Rese Grantor: *** Aubi Grantor: *** Corr Grantor: *** Iowa Grantor: *** Kan:	Michigan State University	RC101676PU	72,850	-	-			-	72,850	
Grantor: *** Aub Grantor: *** Corr Grantor: *** lowa *** lowa Grantor: *** Kan: Grantor: *** Pen Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	10.304		72,850	-	-			-	72,850	
Grantor: *** Corr Grantor: *** lowe *** lowe Grantor: *** Kan: Grantor: *** Pen Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Research Initiative									
Grantor: *** lowa Grantor: *** Kan: **** Kan: Grantor: *** Peni Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Auburn University	13-AGR-373027-PU	54,401	-	-			-	54,401	
Grantor: *** Kan: *** Kan: Grantor: *** Pen: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Cornell University	62524-9495	101,865	-	-			-	101,865	
Grantor: *** Kan: **** Kan: Grantor: *** Pen: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Iowa State University	416-17-01G	310,039	-	-		- 161,728	-	471,767	
Grantor: *** Kan: **** Kan: Grantor: *** Pen: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ		416-40-63D	124,866	-	-		- 136,552	-	261,418	
Grantor: *** Kan: **** Kan: Grantor: *** Pen: Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ		416-40-96A	262	-	-			-	262	
Grantor: *** Van. Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Iowa State University Total		435,167	-	-		- 298,280	-	733,447	
Grantor: *** Peni Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Kansas State University	S11203	139,582	60,793	-			-	139,582	60,79
Grantor: *** Peni Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ		S15170	13,397	-	-			-	13,397	
Grantor: *** Peni Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ		S16156	13,236	-	-			-	13,236	
Grantor: *** Soul Grantor: *** Univ Grantor: *** Univ	Kansas State University Total		166,215	60,793	-			-	166,215	60,79
Grantor: *** Univ Grantor: *** Univ	Pennsylvania State University	5237-PU-USDA-3509	75,444	-	-			-	75,444	
Grantor: *** Univ	South Dakota State University	3TE462	58,272	-	-			-	58,272	
Grantor: *** Univ	University Of Arizona	277590	68,104	-	-			-	68,104	
	University Of Arkansas	UA AES 91088-02	327,290	-	-			-	327,290	
Grantor: *** Agri	University Of Notre Dame	201995	29,088	-	-			-	29,088	
	Agricultural Research Service	59-3602-4-002	42,664	-	-			-	42,664	
		59-3602-4-004	43,450	-	-			-	43,450	
		59-3635-4-001	15,409	-	-			-	15,409	
		59-8040-5-001	87,066		-				87,066	
*** Agri	Agricultural Research Service		188,589						188,589	

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financial	l Assistance Cluster*	Off	ner	Toto	il
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Gianioi	NO.	Grantor: *** University Of California-Riverside		88,786	30brecipieriis	- Expended			30DIECIPIETIIS	88,786	30brecipieriis
		Grantor: *** Virginia Polytechnic Inst & State		00,700						00,700	
		Univ	422262-19084	11,790	-	-		-	-	11,790	-
			422475-19084	115,740	-	-			-	115,740	-
Department	t of Agricul	Iture (continued)									
		*** Virginia Polytechnic Inst & State Univ Total		127,530	-	-			-	127,530	-
		Total CFDA No. 10.310		1,720,751	60,793	-		- 298,280	-	2,019,031	60,793
	10.320	Sun Grant Program									
		Grantor: *** South Dakota State University	3TZ114	11,610	2,200	-			-	11,610	2,200
		Total CFDA No. 10.320		11,610	2,200	-			-	11,610	2,200
	10.352	Value-Added Producer Grants									
		Grantor: *** Mississippi State University	018000.340753.01		-	-		- 129,803	-	129,803	
		Total CFDA No. 10.352		-	-	-		- 129,803	-	129,803	-
	10.500 *	Cooperative Extension Service									
		Grantor: *** Illinois Cooperative Extension Service	14098242	41,379	-	-			-	41,379	-
		Grantor: *** Kansas State University	2014-48713-22245		-	-		- (27)	-	(27)	-
			S15025		-	-		- 4,672	-	4,672	-
- 15			S15047		-	-		- 4,366	-	4,366	-
ĢΊ			S15202	-	-	-		- 29,769	-	29,769	-
			S16126	-	-	-		- 1,403	-	1,403	
		*** Kansas State University Total		-	-	-		- 40,183	-	40,183	-
		Grantor: *** Pennsylvania State University	5030-PU-UM-9802	-	-	-		- 29,992	-	29,992	-
			5137-PU-USDA-2628	-	-	-		- 3,220	-	3,220	
		*** Pennsylvania State University Total		-	-	-		- 33,212	-	33,212	-
		Grantor: *** University Of Minnesota	H002484612	-	-	-		- 6,300	-	6,300	-
			H003044612	-	-	-		- 5,932	-	5,932	-
			H003703712	-	-	-		- 12,107	-	12,107	-
		*** University Of Minnesota Total		-	-	-		- 24,339	-	24,339	
		Grantor: *** National Inst of Food & Agricultur	re 10-48869-20781	-	-	-		- 49,510	36,562	49,510	36,562
			13-48762-21537		-	-		- 972,622	-	972,622	-
			2010-48869-20781B	-	-	-		- (1,051)	-	(1,051)	-
			2012-48756-20192	-	-	-		- 761,806	691,952	761,806	691,952
		*** National Inst of Food & Agriculture Total		-	-	-		- 1,782,887	728,514	1,782,887	728,514
		Grantor: *** University Of Nebraska-Lincoln	25-6324-0119-103	-	-	-		- 315	-	315	-
			25-6324-0119-313	-	-	-		- 9,229	-	9,229	-
			25-6365-0040-705		-	-		- 9,341	-	9,341	-
		*** University Of Nebraska-Lincoln						- 18,885		18,885	
		Total		-	-	-		10,000	-	10,000	

^{*} denotes major programs

				Research and Dev	•		Assistance Cluster*	Oth		Tota	
for	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
<u> </u>	110.	Total CFDA No. 10.500	Homber	41,379	-	-		- 1,899,506	728,514	1,940,885	728,5
10	0.557	Special Supplemental Nutrition Program for Women, Inf	ants, and Children								
		Grantor: *** IN State Department of Health	13498	-	-	-		- 10,215	-	10,215	
		Total CFDA No. 10.557			-	-		- 10,215	-	10,215	
rtment o	of Agricult	ture (continued)									
Child	d Nutrition ter	n									
10	0.559	Summer Food Service Program for Children									
		Grantor: *** IN Department of Education	15109148	-	-	-		- 43,838	-	43,838	
			15110250	-	-	-		- 3,501	-	3,501	
			151198915	-	-	-		- 895	-	895	
			15121355	-		-		- 7,627		7,627	
		*** IN Department of Education						- 55,861	_	55,861	
		Total Total CFDA No. 10.559		-	-			- 55,861	_	55,861	
		Total Child Nutrition Cluster		-	-	_			_	55,861	
SNA	AP Cluster										
10	0.561	State Admin Matching Grants for the Supplemental Nutron Grantor: *** IN Family & Social Services	F1-2-79-12-LR-0374			-		- 6,670,018		6,670,018	
		Admin Total CFDA No. 10.561			-	-		- 6,670,018		6,670,018	
		Total SNAP Cluster		-		_				6,670,018	
- 10	0.652	Forestry Research									
	0.032	Grantor: *** US Endowment Forestry Communities	E15-16	12,789		-			-	12,789	
		Total CFDA No. 10.652		12,789	-	-				12,789	
10	0.771	Rural Cooperative Development Grants									
		Grantor: *** Indiana Cooperative Developmen	^t 14121033		-	-		- 72,360	-	72,360	
		Grantor: *** Mississippi State University	018000.340452.22	96,598	64,705	-				96,598	64,
		Total CFDA No. 10.771		96,598	64,705	-		- 72,360	-	168,958	64,
10	0.902	Soil and Water Conservation									
		Grantor: *** IN Assoc of Soil & Water Conserv Dist	15087816	57,747	-	-				57,747	
		Total CFDA No. 10.902		57,747	-	-			-	57,747	
10	0.912	Environmental Quality Incentives Program									
		Grantor: *** IN Assoc of Soil & Water Conserv Dist	12098278	27,316	-				-	27,316	
		Grantor: *** Conservation Technology Information Ctr	13109145	-	-	-		- 55,691	-	55,691	
		Grantor: *** Farm Foundation	693A7516007	-	-	-		- 33,171	-	33,171	
		Total CFDA No. 10.912		27,316				- 88,862		116,178	

^{*} denotes major programs

				Research and Dev	relopment Cluster	Student Financial A	Assistance Cluster*	Off	ner	Tota	ıl
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
	10.960	Technical Agricultural Assistance Grantor: *** University Of Minnesota	H005269701	12,431	_	_			_	12,431	_
		Total CFDA No. 10.960	11000200701	12,431						12,431	
	T-4-/ D T	-									
		hrough Grantors		3,054,047	168,037	-		9,320,227	728,514	12,374,274	896,551
Departn	nent of Agricul	Iture (continued)									
	Total Departn	nent of Agriculture		22,679,867	3,638,732	-		25,698,968	2,755,386	48,378,835	6,394,118
Damant											
•	ment of Cor Direct Progran										
			IDA 4004					40.000		10.000	
	11.000	U.S. Department of Commerce	IPA 1604	-	<u>-</u>	-	-	,		10,933	
			- IP1401	68,937		-	•		-	68,937	
		Total CFDA No.11.000		68,937	-	-	-	70,000	-	79,870	-
	11.013	Education Quality Award Ambassadorship	-	4,183	-	-	-		-	4,183	-
	11.303	Economic Development_Technical Assistance	-	-	-	-		2 10,207	54,479	240,237	54,479
	11.431	Climate and Atmospheric Research	-	56,692	37,756	-	-		-	56,692	37,756
	11.459	Weather and Air Quality Research Measurement and Engineering Research and	-	81,525	-	-			-	81,525	
<u> </u>	11.609	Standards	-	821,920	-	-	-	,	-	841,920	
17-	11.611	Manufacturing Extension Partnership Arrangements for Interdisciplinary Research	-	-	-	-		** **	-	2,540,124	-
	11.619	Infrastructure Science, Technology, Business and/or Education	-	289,521	-	-	-		-	289,521	
	11.620	Outreach	-	-	-	-	-	41,421	-	41,421	-
	Total Direct I	Program		1,322,778	37,756	-		2,852,715	54,479	4,175,493	92,235
	Pass-Through	Grantors by CFDA									
		U.S. Department of Commerce									
		Grantor: *** Applied Research Associates, Inc	c S-D00017.TO9.01.PURDUE	99,194	-	-			-	99,194	•
		Grantor: *** Great Lakes Observing System	IOOS/OBS-04		-	-		42,651	-	42,651	
		Grantor: *** Alliance for Regional	15098588	5,024	-				-	5,024	
		Development Total CFDA No. 11.000		104,218				42,651		146,869	
				104,210				42,001		140,000	
	11.013	Education Quality Award Ambassadorship Grantor: *** Oregon State University	X0175A-B		_	_		- 5,979	_	5,979	_
		Total CFDA No. 11.013			-	-			_	5,979	-
	Economic De	evelopment Cluster						· · ·			
	11.307	Economic Adjustment Assistance									
	11.307	Grantor: *** Battery Innovation Center	13011615	4,994	_			- 78,880	_	83,874	_
		Total CFDA No. 11.307		4,994						83,874	
					-	-			-		
		Total Economic Development Cluster		4,994	-	-	-	78,880	-	83,874	-

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Off	ner	Toto	1
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Gianioi	11.417	Sea Grant Support	Nomber	Expellaea	Subrecipierns	Expended	Subrecipients	Expended	Sobiecipienis	Expended	Subrecipierns
		Grantor: *** University Of Illinois	2014-02342-01	17,339	2,871	-		- 272,060	-	289,399	2,871
			2014-06610-01		-	-		- 25,765	-	25,765	-
			2015-05870-01	-	-	-		- 35,350	-	35,350	-
Departme	ent of Comm	erce (continued)									
		*** University Of Illinois Total		17,339	2,871	-		333,175	-	350,514	2,871
		Grantor: *** University of Wisconsin	611K354	-	-	-		- 2,401	-	2,401	-
		Grantor: *** Univ Of Illinois At Champaign- Urbana	2010-02247-1	14,701	-	-		- 106	-	14,807	-
			2010-03074-01	-	-	-		- 132,959	-	132,959	-
			2014-02342-06	-	-	-		- 93,935	-	93,935	-
			2014-02342-07	86,470	-	-			-	86,470	-
		*** Univ Of Illinois At Champaign- Urbana Total		101,171	-	-		227,000	-	328,171	-
		Total CFDA No. 11.417		118,510	2,871	-		- 562,576	-	681,086	2,871
	11.419	Coastal Zone Management Administration Awards									
<u> </u>		Grantor: *** IN Department of Natural Resources	E16-4-BKS0330		-	-		- 341	-	341	-
18-			E16-5-KMA0341	948	-	-			-	948	-
			EDS E16-5-KMA0340	6,419	-	-			-	6,419	-
			EDS E16-5-MKM00427	13,809	-	-			-	13,809	-
			EDS E16-6-KMA0521	11,372	-	-			-	11,372	-
			EDS E16-6-KMA0522	5,594	-	-			-	5,594	<u>-</u>
			EDS E16-6-KMA0523	19,565	-	-		-	-	19,565	-
			EDS E16-6-KMA0524	15,332	-	-			-	15,332	-
		*** IN Department of Natural Resources Total		73,039	-	-		341	-	73,380	-
		Total CFDA No. 11.419		73,039	-	-		341	-	73,380	<u> </u>
	11.431	Climate and Atmospheric Research									
		Grantor: *** University Of Michigan	3003365496	43,920	23,276	-			-	43,920	23,276
		Total CFDA No. 11.431		43,920	23,276	-			-	43,920	23,276
	11.432	Office of Oceanic and Atmospheric Research (OAR) Jo Grantor: *** University Of Michigan	oint and Cooperative Institute 3003502869		_	_		- 25,000	_	25,000	_
		Total CFDA No. 11.432			-	-		- 25,000	-	25,000	
	11.609	Measurement and Engineering Research and Standard	ds								
	505	Grantor: *** State University Of New York	13-10	532,405	-	-			-	532,405	-
						<u></u>			<u></u>	<u></u>	

^{*} denotes major programs

				Research and Dev	relopment Cluster	Student Financial	Assistance Cluster*	Oth	er	Tota	ı
	CFDA	CEDATING (Days Thousand Co.	Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Granto	r No.	CFDA Title/Pass-Through Grantor Total CFDA No. 11.609	Number	Expended 532,405	Subrecipients -	Expended -	Subrecipients	Expended -	Subrecipients -	Expended 532,405	Subrecipients
	11.611	Manufacturing Extension Partnership									
	11.011	Grantor: *** IN Economic Development Corporation	70NANB10H156	-	-	-		- 1,671	-	1,671	-
		Total CFDA No. 11.611		-	-	-		- 1,671	-	1,671	-
	Total Pass-	Through Grantors		877,086	26,147	-		- 717,098		1,594,184	26,147
Depart		nerce (continued)									
	Total Depart	ment of Commerce		2,199,864	63,903	-		- 3,569,813	54,479	5,769,677	118,382
Depar	tment of De	efense									
Air	<u>Force</u>										
	Direct Progra	ums by CFDA									
	12.000	U.S. Department of Defense	14-EPA-RQ-02	105,377	-	-			-	105,377	0
			PO J030	12,492	-	-				12,492	0
			FA8651-16-D-0287	169,981	-	-			-	169,981	0
		Total CFDA No.12.000		287,850	-	-			-	287,850	
	12.351	Basic Scientific Research - Combating Weapons of	_	73,438						73,438	0
-19-		Mass Destruction									
•	12.800	Air Force Defense Research Sciences Program	-	3,649,764	199,766	-		-	-	3,649,764	199,766
	12.910	Research and Technology Development	-	201,507	70,898	-		-	-	201,507	70,898
	Total Direct	Program		4,212,559	270,664	-			-	4,212,559	270,664
	Pass-Throug	h Grantors by CFDA									
	12.000	U.S. Department of Defense									
		Grantor: *** P. C. Krause And Associates, Inc.	14240915-P0001	(1,176)	-	-			-	(1,176)	<u>-</u>
		Grantor: *** Universal Technology Corporation	14-S7405-17-C1	7,897	-	-			-	7,897	-
			14-S7405-20-C1	12,163	-	-			-	12,163	-
			15-S7138-01-C1	147,586	-	-			-	147,586	-
		*** Universal Technology Corporation Total		167,646	-	-		-	-	167,646	-
		Grantor: *** IN Space, LLC	INS-21109-1	18,949	-	-			-	18,949	-
		Grantor: *** Spectral Energies, LLC	SB1207-001-2	41,992	-	-			-	41,992	-
			SB1402-001-1	71,986	-	-			-	71,986	-
			SB1511-001-1	46,005	-	-			-	46,005	
		*** Spectral Energies, LLC Total		159,983	-	-			-	159,983	-
		Grantor: *** Applied Research Associates, Inc.	S-001460.00001.PDU	234,136	-	-	_		-	234,136	-
		Grantor: *** Rolls-Royce, Inc.	PO: 5100001962	(5,018)	-	-			-	(5,018)	-
		Grantor: *** Alion Contracting	SUB 1122422-001	2,725	-	-			-	2,725	

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financia	ıl Assistance Cluster*	Oti	ner	Tota	ıl
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor Grantor: *** UES Inc.	Number PO925-010-0540	Expended 4,359	Subrecipients	Expended	Subrecipients	Expended -	Subrecipients -	Expended 4,359	Subrecipients
		Grantor. DES Inc.	S-111-013-001						-		-
			S-977-014-002	73,229						73,229	
			3-977-014-002			•					
		*** UES Inc. Total		91,592	-	-			-	91,592	-
		Grantor: *** Lockheed Martin Corp.	DG3532210E	614	-	-			-	614	-
Departmen	t of Defens	e (continued)									
		Grantor: *** Erc, Inc.	PS160007	30,554	-				-	30,554	-
			R5150291	-	-			- 46,896	-	46,896	-
			RS140017	33,665	-	-			-	33,665	-
		*** Erc, Inc. Total		64,219				- 46,896	-	111,115	-
		Grantor: *** Technology Service Corporation	TSC-1072-40066	(23)	-	-			-	(23)	-
		Grantor: *** Alion Science and Technology	SUB1122422-002	-		-		- 266	-	266	-
		Grantor: *** Ultramet	PO 11035	-	-	-		- 3,886	-	3,886	-
		Grantor: *** Aspen Aerogels Inc	15022082	5,225	-	-			-	5,225	-
		Grantor: *** Innovative Science Solutions, Llc	SB20167	31,677		-			-	31,677	-
		Grantor: *** NEI Corporation	15033088	19,677		-			-	19,677	-
J.		Grantor: *** HyPerComp Inc	15033104	132,578	-	-		- 242,829	-	375,407	-
20-			HPC12PU-AFOSR-AFRL-2015-	35,104					-	35,104	-
		*** HyPerComp Inc Total		167,682		-		- 242,829	-	410,511	-
		Grantor: *** Georgia Institute Of Technology	D7582-S1	898,713	60,272	2 -			-	898,713	60,272
		Grantor: *** Exquadrum Inc	15120987	45,000					-	45,000	-
		Grantor: *** CFD Research Corporation	9191	51,806					-	51,806	-
		Grantor: *** University Of California-Los Angeles	0205GTA682	78,263	-	-			-	78,263	-
		Grantor: *** Special Metals Corp.	PO 743947	10,471	-	-			-	10,471	-
		Grantor: *** Mechanical Solutions Inc	15098434	7,303	-	-			-	7,303	-
		Total CFDA No. 12.000		2,049,464	60,272	-		- 293,877	-	2,343,341	60,272
	12.300	Basic and Applied Scientific Research									
		Grantor: *** North Carolina State University	2010-1710-02	269,424	-	-			-	269,424	
		Grantor: *** Stanford University	60133438-107808-A	156,263	-	-			-	156,263	
		Total CFDA No. 12.300		425,687	-	-			-	425,687	-
	12.800	Air Force Defense Research Sciences Program									
		Grantor: *** Harvard University	123885-5079396	472,730		-			-	472,730	-
		Grantor: *** North Carolina State University	2013-0906-01	52,379	-	-			-	52,379	<u>-</u>
		Grantor: *** Pennsylvania State University	4792-PU-AFOSR-0004	95,676	20,085	-			-	95,676	20,085
		Grantor: *** University Of Chicago	FP057123-D	313,931		-			-	313,931	<u> </u>
		Grantor: *** University Of Colorado	1551965	76,971		-			-	76,971	-

^{*} denotes major programs

				Research and Deve	elopment Cluster	Student Financia	l Assistance Cluster*	0	ther	Tota	al
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
0.4		Grantor: *** University Of Michigan	3002085643	466	-	-	·	-		·	-
		Grantor: *** University Of Notre Dame	202527PU	29,531	-	-				29,531	-
		Grantor: *** Vanderbilt University	3091-01093	92,201	-	-		-		92,201	-
		Grantor: *** Utah State University	120998001	138,909	-	-		-		138,909	
		Grantor: *** Carnegie-Mellon University	1150119-294739	294,588	-	-		-		294,588	-
		Grantor: *** Case Western Reserve University	y RES506635	188,388	-	-		-		188,388	-
Departr	ment of Defense (continued)									
		Grantor: *** University Of California-Riverside	S-000563	59,804	-	-		-		59,804	-
			S-000701	206,205	-	-		-		206,205	-
		*** University Of California-Riverside Total		266,009	-	-			-	266,009	-
		Grantor: *** Special Metals Corp.	14022349	(447)	-	-		-		(447)	-
		Grantor: *** Stanford University	29017320-51649-D	215,052	-	-		-		215,052	-
		Grantor: *** Georgia Tech	RB267-G7	49,999	-	-		-		49,999	-
		Grantor: *** University Of Missouri-Columbia	C00047989-1	76,775	-	-		-		76,775	-
		Grantor: *** University of Colorado at Boulder	1553330	18,699	-	-		-		18,699	-
		Grantor: *** Von Karman Inst for Fluid Dynamics	FA9550-16-1-0120	16,521	-	-		-		16,521	-
۷.		Grantor: *** Rensselaer Polytechnic Institute	A12718 PO 183154	2,221	-	-		-		2,221	-
21-		Total CFDA No. 12.800		2,400,599	20,085	-			-	2,400,599	20,085
	Total Pass-Thro	ough Grantors		4,875,750	80,357	-		- 293,877	-	5,169,627	80,357
	Total Air Force			9,088,309	351,021	-		- 293,877		9,382,186	351,021
Arm	ıv										
	Direct Programs I	by CFDA									
	12.001	U.S. Department of Defense	W911NF-10-2-0060	127,905	-	-				127,905	-
			W91CRB-10-D-0029	24,288		-				24,288	
			W9132T-10-2-0056	4,419						4,419	
			W91CRB-14-C-0025	164,904	-	-				164,904	-
			W912HQ-14-C-0047	129,652	11,628	-				129,652	11,628
			W81XWH-14-1-0588	126,115	-	-				126,115	-
			15033225	59,451	-	-			-	59,451	-
			W911NF-16-2-0020	876,498	-	-				876,498	-
			NTP15098212	21,339	-	-		-		21,339	-
		Total CFDA No.12.000		1,534,571	11,628	-	,		-	1,534,571	11,628

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oti	her	Tota	ı
Commite	CFDA	CEDA Tilla (Desa Through Country	Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Granto	r No. 12.300	CFDA Title/Pass-Through Grantor Basic and Applied Scientific Research	Number	Expended 26,242	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended 26,242	Subrecipients
					-	-	-	-	-		-
	12.420	Military Medical Research and Development	-	1,885,509	282,191	-	-	-	-	1,885,509	282,191
	12.431	Basic Scientific Research	-	1,083,542	-	-	-	-	-	1,083,542	-
	12.630	Basic, Applied, and Advanced Research in Science and Engineering	-	17,683	-		-	-	-	17,683	-
	Total Direct P			4,547,547	293,819	-	-		-	4,547,547	293,819
Depart	tment of Defense			_							
		. (
	Pass-Through	Grantors by CFDA									
	12.000	U.S. Department of Defense									
		Grantor: *** Battelle Memorial Institute	504872	379,107	282,855	-	-	-	-	379,107	282,855
		Grantor: *** Raytheon	W911NF-09-2-0053	12,932	-	-	-	-	-	12,932	<u> </u>
		Grantor: *** University Of New South Wales	W911NF-13-1-0024	116,981	-	-	-	-	-	116,981	-
		Grantor: *** Georgia Institute Of Technology	RC217-G6	26,450	-	-		-	-	26,450	<u> </u>
		Grantor: *** University Of California-Los Angeles	0142SQA032	238,945	-	-		-	-	238,945	-
		Grantor: *** University Of Copenhagen	W911NF-12-1-0354	47,031	-	-	-	-	-	47,031	-
		Grantor: *** Luna Innovations Incorporated	2543-ARM-2S/PURDUE	10,227	-	-	-	-	-	10,227	-
		Grantor: *** VaxForm, LLC	W81XWH-12-C-0183	74,496	-	-	-	-	-	74,496	-
-22.		Grantor: *** Leidos	P010170864	-	-	-	-	122,210	-	122,210	
10		Grantor: *** Memtronics Corporation	752953681-13001	28,718	-	-	-	-	-	28,718	
		Grantor: *** Scitor Corporation	G1125.03_14_PUR11-000	(466)	-	-	-	-	-	(466)	
			07983.04S1	71,346	-	-	-	-	-	71,346	
		*** CUBRC Inc Total		71,346	-	-	-	-	-	71,346	-
		Grantor: *** Sonrisa Research Inc	16011871	530,420	-	-	-	-	-	530,420	-
		Total CFDA No. 12.000		1,536,187	282,855	-	-	122,210	-	1,658,397	282,855
	12.420	Military Medical Research and Development									
		Grantor: *** IU School Of Medicine	IN-4388001-PU	27,542	-	-	-	-	-	27,542	
		Grantor: *** KCF Technologies Inc	2015-PUR-0193	11,420	-	-	-	-	-	11,420	-
		Total CFDA No. 12.420		38,962	-	-	-	-	-	38,962	-
	12.431	Basic Scientific Research									_
		Grantor: *** Cornell University	74063-10466	93,501	-	-	-	-	-	93,501	-
		Grantor: *** Indiana University	BL-4329734-PU	17,148	-	-			-	17,148	-
		Grantor: *** Norfolk State University	F1040059	78,566	-	-	-		-	78,566	-
		Grantor: *** Ohio State University	60046657	42,704	-	-	-	-	-	42,704	-
		Grantor: *** University Of Michigan	3002778250	133,418	13,741	-	-		-	133,418	13,741
		Grantor: *** University Of Texas At Dallas	1300505	11,111	-	-	-	-	-	11,111	-
		Grantor: *** Duke University	10-ARO-1047	52,897	-	-	-		-	52,897	-
		Grantor: *** University Of Wisconsin-Madison	419K823	88,080	-	-	-	-	-	88,080	-
		Grantor: *** University of Sydney	G170302	147,457	-	-	-	-	-	147,457	-

		A		Research and Deve	elopment Cluster	Student Financia	l Assistance Cluster*	Oth	er	Total	
Granto	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Gianio	NO.	Grantor: *** Baylor University	37050214-01	22,748	Subrecipieriis -	- Expended	Sobiecipienis	- Expended	Subrecipierns -	22,748	- Subrecipieriis
		Total CFDA No. 12.431		687,630	13,741	-				687,630	13,741
	12.611	Community Economic Adjustment Planning Assistance	for Reductions in Defense Indu								
	12.011	Grantor: *** University Of Michigan	3003171486		-	-		- 261,733	-	261,733	-
		Total CFDA No. 12.611			-	-		- 261,733	-	261,733	-
	12.630	Basic, Applied, and Advanced Research in Science an	d Engineering								
	12.000	Grantor: *** University Of Delaware	35386	8,364	-	-		-		8,364	-
Depart	ment of Defens	se (continued)									
			38659	74,400	-	-				74,400	-
			42145	26,259	-	-				26,259	
		*** University Of Delaware Total		109,023	-	-			-	109,023	
		Total CFDA No. 12.630		109,023	-	-			-	109,023	-
	Total Page-T	Through Grantors		2,371,802	296,596	-		- 383,943	-	2,755,745	296,596
		mough drunors		6,919,349	590,415	_		- 383,943		7,303,292	590,415
	Total Army				<u> </u>			,			
Def	ense Advanc	ed Research Projects Agency									
	Direct Prograi	ms by CFDA									
'	12.000	U.S. Department of Defense	COEUS 11098094		-	-		- 6,412	-	6,412	-
2 3			HR0011-12-C-0096	132,168	15,610					132,168	15,610
			HR0011-13-2-0010	394,004	10,172	-		-	-	394,004	10,172
			JAGANNATHAN IPA	-	-	-		- 247,143	-	247,143	-
		Total CFDA No.12.000		526,172	25,782	-		- 253,555	-	779,727	25,782
	12.910	Research and Technology Development	-	2,198,880	838,184	-			-	2,198,880	838,184
	Total Direct	Program		2,725,052	863,966	-		- 253,555	-	2,978,607	863,966
	_	n Grantors by CFDA									
	12.000	U.S. Department of Defense Grantor: *** Raytheon	PO 9500012783	182,177	_	_			_	182,177	_
		Grantor: *** Sri International	19-000269	158,449						•	
		Grantor: *** University Of Minnesota	A003571412	469,785						469,785	
		Grantor: *** University Of Notre Dame	2013-MA-2383	815,212						815,212	
		Grantor: *** University Of Southern California	50424258	207,195	_	-			-	207,195	
		Grantor: *** University Of California-Los	0142SQA031	327,474	-				-	327,474	
		Angeles Grantor: *** Hrl Laboratories, Llc	12105-301701-DS	248,713	-				-	248,713	
		Grantor: *** Johns Hopkins University Applied		35,375		_				35,375	
		Physics Grantor: *** Other Lab	PNEU0206-PURDUE	783						783	
		Grantor. Outer Lab	1 14200200-1 UNDUE	/83				-	-	763	

^{*} denotes major programs

				Research and Dev	relopment Cluster	Student Financial	Assistance Cluster*	Oti	ner	Tota	al
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Granto	No.	CFDA Title/Pass-Through Grantor Total CFDA No. 12.000	Number	Expended 2,445,163	Subrecipients -	Expended -	Subrecipients	Expended -	Subrecipients -	2,445,163	Subrecipients
				2,443,103						2,443,103	
	12.910	Research and Technology Development									
		Grantor: *** Boeing Company, The	1235919	31,832	-	-			-	31,832	
		Total CFDA No. 12.910		31,832	-	-		· ·	-	31,832	
	Total Pass-Th	hrough Grantors		2,476,995	-	-			-	2,476,995	
	Total Defense	Advanced Research Projects Agency		5,202,047	863,966	-		- 253,555	-	5,455,602	863,96
<u>Nav</u> Depart	<u>/Y</u> ment of Defens	e (continued)									
	Direct Program	ns by CFDA									
	12.000	U.S. Department of Defense	N41756-14-C-3292	210,073	-	-			-	210,073	
			N00189-14-P-Z169	-	-	-		- 11,128		11,128	
			N00189-15-P-Z104	-	-	-		- 25,000	-	25,000	
		Total CFDA No.12.000		210,073	-	-		36,128	-	246,201	
	12.300	Basic and Applied Scientific Research	-	4,266,602	45,804	-			-	4,266,602	45,80
١,	12.910	Research and Technology Development	-	211,003	141,319	-				211,003	141,31
.24-	Total Direct F	Program		4,687,678	187,123	-		- 36,128	-	4,723,806	187,12
	Pass-Through	Grantors by CFDA									
		U.S. Department of Defense									
	12.000	Grantor: *** Bae Systems Advanced	801017	(802)	_	_			_	(802)	
		Technologies, Inc.									
			918668	183,798	-	-			-	183,798	
		*** Bae Systems Advanced Technologies, Inc. Total		182,996	-	-			-	182,996	
		Grantor: *** Florida State University	R01683	668	-	-			-	668	
		Grantor: *** GE Aviation	PO 14R5121516	23,793	-	-			-	23,793	
		Grantor: *** Ultramet Grantor: *** Charles Stark Draper Laboratory,	PO 11611	-	-	-		- 4,219	-	4,219	
		Inc.	SC001-0000000951	20,208	-	-			-	20,208	
		Grantor: *** Indiana Microelectronics LLC Grantor: *** DYNSAN, LLC	12097721 PO 128	89,844 34,603	-	-		<u> </u>	-	89,844 34,603	
		Grantor: *** Helicon Chemical Company	15022302	1,873						1,873	
		Grantor: *** CORVID Technologies	15-002	42,243						42,243	
			16-006	6,858	-	-			-		
		Grantor: *** Bollinger Shipyards Lockport LLC	PO 590714	23,434	-	-			-	23,434	
		Grantor: *** IBC Materials and Tech Inc	PO MAT-3146	-	-	-		- 13,885	-	13,885	
		Grantor: *** American Lightweight Materials MF Inst	0003A-7	406	-	-			-	406	
			PO 0025	-	-	-		- 49,792	-	49,792	
		*** American Lightweight Materials MF Inst Total		406	_	_		- 49,792	-	50,198	

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financia	I Assistance Cluster*	Of	her	Tota	ıl
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Granto	r No.	CFDA Title/Pass-Through Grantor Total CFDA No. 12.000	Number	Expended 426,926	Subrecipients	Expended -	Subrecipients	- 67,896	Subrecipients	Expended 494,822	Subrecipients
				420,920	-	-		- 67,696	-	494,822	
	12.300	Basic and Applied Scientific Research Grantor: *** Florida State University	R00906	(935)						(935)	
		Grantor: *** Georgia State University	SP00011356-02	413,516					-		
		Grantor: *** University Of Texas	12606014561	7,500						7,500	
		Grantor: *** Univ Of Illinois At Champaign-	2012 02341 01 (A0442)	154,582	-	-			-	154,582	
		Urbana Grantor: *** Georgia Institute Of Technology	RD134-G2	1,581	-	-				1,581	
		Grantor: *** University Of Pennsylvania	555991	187,268	-	-			-	187,268	
		Grantor: *** Johns Hopkins University	2001286714	192,392	-	-			-	192,392	-
Depart	ment of Defens	se (continued)									
		Grantor: *** University of South Florida	6143-1086-00-A	28,008	-	-			-	28,008	-
		Total CFDA No. 12.300		983,912	-	-			-	983,912	-
	12.910	Research and Technology Development									
		Grantor: *** Johns Hopkins University	2001363021	183,507	-	-			-	183,507	-
		Total CFDA No. 12.910		183,507	-	-			-	183,507	-
	Total Pass-T	hrough Grantors		1,594,345	-	-		- 67,896	-	1,662,241	-
	Total Navy			6,282,023	187,123	-		- 104,024	-	6,386,047	187,123
-25-	Direct Program										
	12.000	U.S. Department of Defense	P.O.714289		-	-		- 16,762	-	16,762	-
			HQ0147-12-C-6023	9,568	-	-			-	9,568	-
			HQ0147-10-C-6001	(11,692)	-	-			-	(11,692)	-
			HQ0147-15-C-6003	213,266	-	-			-	213,266	-
			IPA15098053	129,013	-	-			-	129,013	-
			HQ014715-C-6009	399,263	-	-			-	399,263	-
			HQ0147-16-C-6001	69,259	-	-			-	69,259	-
			HQ0147-16-C-6005	228,227	-	-			-	228,227	-
			IPA MELISSA DARK		-	-		- 4,625	-	4,625	-
			N00174-16-C-0007	17,537	-	-			-	17,537	-
		Total CFDA No.12.000		1,054,441	-	-		- 21,387	-	1,075,828	-
	12.300	Basic and Applied Scientific Research	-	27,313	-	-			-	27,313	-
	12.351	Basic Scientific Research - Combating Weapons of Mass Destruction	-	894,420	329,332	-			-	894,420	329,332
	12.630	Basic, Applied, and Advanced Research in Science and Engineering	-	11,575	11,575	-			-	11,575	11,575

^{*} denotes major programs

^{***}denotes pass-through agency

			Research and Dev	elopment Cluster	Student Financia	Il Assistance Cluster*	Off	her	Tota	I
CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
12.901	Mathematical Sciences Grants Program		18,925	-	-		-	-	18,925	-
12.902	Information Security Grants		101,654	-	-			-	101,654	-
12.903	GenCyber Grants Program	-	33,308		-		- 46,661	-	79,969	-
12.910	Research and Technology Development	-	2,328,926	163,740	-				2,328,926	163,740
Total Direct Pro	ogram		4,470,562	504,647	-		- 68,048	-	4,538,610	504,647
Pass-Through Gi										
12.000 U	J.S. Department of Defense Grantor: *** Bae Systems Advanced									
	Technologies, Inc.	919348	46,179	-	-			-	46,179	
Department of Defense ((continued)									
		PO 895442	1,701	-	-			-	1,701	-
	*** Bae Systems Advanced Technologies, Inc. Total		47,880	-	-			-	47,880	-
	Grantor: *** New Jersey Institute Of Technology	(NP) 996190	-	-	-		- 383,472	138,547	383,472	138,547
	Grantor: *** North Carolina State University	2014-1267-03	179,146	-	-				179,146	
	Grantor: *** Stevens Institute Of Technology	2102592-01	46,611	-	-			-	46,611	-
J.		HQ0034-13-D-0004 T.O.34	48,796	-	-			-	48,796	-
26-		HQ0034-13-D-0004 TO25	(871)	-	-			-	(871)	-
	*** Stevens Institute Of Technology Total		94,536	-	-			-	94,536	-
	Grantor: *** Nanohmics Inc	14066187	233,022	-	-			-	233,022	-
	Grantor: *** IN Space, LLC	INS-21102-1	-	-	-		- 364	-	364	
	Grantor: *** American Society For Engineering	2013 NDSEG	-	-	-		- (425)	-	(425)	-
	Grantor: *** Foresite Inc	00057511	67,605	-	-			-	67,605	-
	Grantor: *** Johns Hopkins University Applied Physics	126353	19,611	-	-			-	19,611	-
	Grantor: *** Goldbelt Glacier HIth Serv	GBG-PURDUE-2013-0001	-	-	-		- 85,753	-	85,753	-
	Grantor: *** Giner Electrochemical System LLC	HQ0147-14-C-7027	68,514	-	-			-	68,514	-
	Grantor: *** Noblis	PO 34407	28,404	-	-			-	28,404	-
	Grantor: *** Cornerstone Research Group	15110479	-		-		- 8,764			-
	Grantor: *** Stanford University	6097665-118230	94,729	-	-		-	-	94,729	<u> </u>
	Grantor: *** TRI Austin Grantor: *** University Of California - Santa	F7504-15-SC1576	30,000	-	-				30,000	
	Barbara	KK1639	83,792	-	-			-	83,792	
	$\label{eq:Grantor: *** Charles Stark Draper Laboratory,} Inc.$	SC001-0000000963	31,983	-	-			-	31,983	-
	Grantor: *** S Ram Dynamics	16044615	6,175	-	-		-	-	6,175	<u> </u>
	Grantor: *** Lincoln Laboratory Total CFDA No. 12.000	PO 7000350501	7,434 992,831	<u> </u>	· · ·		- 477 928		7,434 1,470,759	120 547
	10(a) OFDA NO. 12.000		392,031	<u>-</u>	-		477,928	138,547	1,470,759	138,547
12.351 B	asic Scientific Research - Combating Weapons of Ma	ass Destruction								
	Grantor: *** Omm Scientific, Inc	HDTRA1-14-1-0043	44,116	-	-			-	44,116	
	Total CFDA No. 12.351		44,116	-	-		-	-	44,116	-

12.630 Basic, Applied, and Advanced Research in Science and Engineering

^{*} denotes major programs

^{***}denotes pass-through agency

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Purdue University Schedule of Expenditures of Federal Awards Year ended June 30, 2016

			Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oth	er	Toto	1
CFDA Grantor No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Granior No.	Grantor: *** UI Labs	PROJ. 404-65-05C	38,773	subrecipients -	- Expended	·		subrecipients -	38,773	subrecipients -
	Total CFDA No. 12.630		38,773	-	-				38,773	_
12.631	Sci,Tech,Eng,Math (STEM) Educational Prgm: Sci,Math	h.Bsch for Transform (SMART)								
12.001	Grantor: *** American Society For Engineerin	g 2013-14 SMART	-	-	-		- (281)	-	(281)	-
	Total CFDA No. 12.631		-	-	-		- (281)	-	(281)	-
12.910	Research and Technology Development									
	Grantor: *** University of Florida	UFDSP00010589	26,751	-	-			-	26,751	-
	Total CFDA No. 12.910		26,751	-	-			-	26,751	-
Total Pass	s-Through Grantors		1,102,471	-	-		- 477,647	138,547	1,580,118	138,547
Department of Defe	ense (continued)									
Total Other	r DOD Agencies		5,573,033	504,647	-		- 545,695	138,547	6,118,728	643,194
Total Dep	partment of Defense Direct Programs		20,643,398	2,120,219			- 357,731		21,001,129	2,120,219
Total Dep	partment of Defense Pass-Through Grantors		12,421,363	376,953	-		1,223,363	138,547	13,644,726	515,500
Total Dep	partment of Defense		33,064,761	2,497,172	-		1,581,094	138,547	34,645,855	2,635,719
Housing and Url	ban Development rams by CFDA									
14.906	6 Healthy Homes Technical Studies Grants	-	275,018	-	-			-	275,018	-
Total Direc	ct Program		275,018	-	-			-	275,018	-
Pass-Throu	igh Grantors by CFDA									
14.228	Community Development Block Grants/State's Program	1								
	Grantor: *** IN Economic Development Corporation	EDS A69-15-SBDC-1004	-	-	-		- (2,443)	-	(2,443)	
		EDS A69-15-SBDC-1005	-	-	-		- 2,028	-	2,028	-
	*** IN Economic Development Corporation Total		-	-	-		- (415)	-	(415)	-
	Grantor: *** IN Office of Community & Rural Affairs	EDS A192-11-DR2-PSC-005	77,158	15,000	-			-	77,158	15,000
	Grantor: *** IN Small Business Development Cent.	EDS A69-15-SBDC-1006	-	-	-		- 266	-	266	-
	Total CFDA No. 14.228		77,158	15,000	-		- (149)	-	77,009	15,000
Total Pass	s-Through Grantors		77,158	15,000	-		- (149)	-	77,009	15,000
Total Hous	sing and Urban Development		352,176	15,000	-		- (149)	-	352,027	15,000

Department of Interior

Direct Programs by CFDA

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oti	her	Tota	ı
	FDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
	5.231	Fish, Wildlife and Plant Conservation Resource Management	-	48,162			30brecipieriis .	-	- Subrecipients	48,162	Subrecipients -
15	5.608	Fish and Wildlife Management Assistance	-	83,457	13,932	-		-	-	83,457	13,932
15	5.650	Research Grants (Generic)	-	456	-	-			-	456	-
15	5.805	Assistance to State Water Resources Research Institutes	-	197,088	58,144	-		19,865	-	216,953	58,144
15	5.807	Earthquake Hazards Reduction Program	-	36,595	-	-		-	-	36,595	-
15	5.808	U.S. Geological Survey_ Research and Data Collection	-	194,384	-	-		-	-	194,384	-
15	5.923	National Center for Preservation Technology and Training	-	95	-	-	-	-	-	95	-
15	5.945	Cooperative Research and Training Programs – Resources of the National Park Syst	-	18,100	-	-			-	18,100	-
Total D	Direct P	rogram		578,337	72,076	-		- 19,865	-	598,202	72,076
Department of I	Interior	(continued)									
Pass-Th	hrough (Grantors by CFDA									
15.0	000	U.S. Department of Interior									
		Grantor: *** California Dept Fish Wildlife	P148006	168,565	-	-			-	168,565	-
		Grantor: *** New Mexico State University	Q01746	12,686	-	-			-	12,686	-
		Total CFDA No. 15.000		181,251	-	-			-	181,251	-
. 15.6	608	Fish and Wildlife Management Assistance									
20 15.6		Grantor: *** Mississippi Intr Coop Resour Ass.	MICRA-15-003	28,019	-	-			-	28,019	-
		Total CFDA No. 15.608		28,019	-	-			-	28,019	-
15.6	815	Cooperative Endangered Species Conservation Fund									
10.0	010	Grantor: *** IN Dept Nat Res Div of Fish & Wildlife	EDSE2-15-WDP005	26,364	-	_			-	26,364	-
		Total CFDA No. 15.615		26,364	-	-			-	26,364	-
15.8	805	Assistance to State Water Resources Research Institute Grantor: *** University of Illinois	2015-06806-01	109,589					_	109,589	
		Total CFDA No. 15.805	2010 00000 01	109,589						109,589	
		TOTAL CEDA NO. 15.805		109,569		-		• •		109,589	
15.8	815	National Land Remote Sensing_Education Outreach and	Research								
		Grantor: *** Americaview Inc	AV13-IN01	27,568	7,220	-			-	27,568	7,220
		Total CFDA No. 15.815		27,568	7,220	-			-	27,568	7,220
Total F	Pass-Th	rough Grantors		372,791	7,220	-			-	372,791	7,220
Total De	epartm	ent of Interior		951,128	79,296	-		- 19,865	-	970,993	79,296

Department of Justice

Direct Programs by CFDA

^{*} denotes major programs

^{***}denotes pass-through agency

			Research and Dev	elopment Cluster	Student Financia	I Assistance Cluster*	Oth	ner	Toto	al
CFDA or No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients						
16.560	National Institute of Justice Research, Evaluation,	Nomber	156,750	Subrecipieriis	Expelided	30brecipieriis	Expelided	Subrecipieriis	156,750	Subrecipieriis
16.300	and Development Project Gran	-	156,750	-			-		156,750	
16.726	Juvenile Mentoring Program	-	-	-	-		- 61,072	-	61,072	
Total Direct I	Program		156,750	-	-		- 61,072	-	217,822	
Total Departn	nent of Justice		156,750	-	-		- 61,072	-	217,822	
rtment of Lab	nor									
Direct Program										
17.282	Trade Adjustment Assistance Community College and Career Training (TAACCCT) Gran	-	730,590	-	-			-	730,590	
17.502	Occupational Safety and Health_Susan Harwood Training Grants	-		-	-		- 76,161	7,274	76,161	7,:
tment of Labor ((continued)									
Total Direct I	Program		730,590	-	-		- 76,161	7,274	806,751	7,
Pass-Through	Grantors by CFDA									
17.502	Occupational Safety and Health_Susan Harwood Trainin	ng Grants								
	Grantor: *** Iowa State University	428-40-08A		-	-		- 44,410	-	44,410	
	Total CFDA No. 17.502		-	-	-		- 44,410	-	44,410	
Total Pass-Ti	hrough Grantors		-	-	-		- 44,410	-	44,410	
Total Departn	nent of Labor		730,590	-	-		- 120,571	7,274	851,161	7
rtment of Sta	ıte									
Direct Program										
19.040	Public Diplomacy Programs	-	-	-	-		- 18,731	-	18,731	
19.415	Professional Exchanges_Annual Open Grant	-	-	-	-		- 181,752	-	181,752	
19.501	Public Diplomacy Programs for Afghanistan and Pakistan	-		-	-		- 212,157	-	212,157	
Total Direct I	Program		-	-	-		- 412,640	-	412,640	
Pass-Through	Grantors by CFDA									
19.401	Educational Exchange_University Lecturers (Professors) and Research Scholars								
	Grantor: *** Institute Of International Education	403513		-	-		- 57,455	29,000	57,455	29
		S-ECAGD-14-CA-1032	-	-	-		- 32,893	-	32,893	
	*** Institute Of International Education Total		-	-	-		- 90,348	29,000	90,348	25
	Total CFDA No. 19.401		-	-	-		- 90,348	29,000	90,348	29
Total Pass-Ti	hrough Grantors		-		-		- 90,348	29,000	90,348	29
Total Departn	nent of State		-				- 502,988	29,000	502,988	29
			-							

Department of Transportation

^{*} denotes major programs

^{***}denotes pass-through agency

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				Research and Dev	elopment Cluster	Student Financia	l Assistance Cluster*	Oi	her	Toto	al l
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients						
	Direct Program		Nomber	Expended	30brecipierns	Lxpended	Sobiecipieriis	Lxpended	30brecipierii3	Expended	30biecipieriis
	20.000	U.S. Department of Transportation	DTFACT-13-D-00010-0002	24,013	-	_			_	24,013	_
			HR12-87(A)	172,397	-	-			-	172,397	-
			DTFACT-13-D-00010-0004	8,588	-	-			-	8,588	-
			DTFACT-13-D-00010-0005	81,508	-	-		- 1,086,158	847,520	1,167,666	847,520
			DTFACT-13-D-00010-0003	-	-	-		- 8,802	-	8,802	-
			DTFACT-13-D-00010-0006	570,165	97,917	-			-	570,165	97,917
			DTFACT-13-D-00010-0001	6,283	-	-			-	6,283	-
Departn	nent of Transpo	ortation (continued)									
			DTRT5715P80085	1,125	-					1,125	
			15110206	-	-	-		- 9,629	-	9,629	-
		Total CFDA No.20.000		864,079	97,917	-		1,104,589	847,520	1,968,668	945,437
	20.106	Airport Improvement Program	-	-	-	-		- 110,183		110,183	-,
	20.109	Air Transportation Centers of Excellence	-	2,134,395	203,519	-		- 31,199	-	2,165,594	203,519
Ł.	20.200	Highway Research & Development Program	-	65,620	6,051	-			-	65,620	6,051
-30-	20.215	Highway Training and Education	-	-	-	-		- 6,793	-	6,793	-
	20.701	University Transportation Centers Program	-	1,391,245	740,715	-			-	1,391,245	740,715
	Total Direct P	Program		4,455,339	1,048,202	-		- 1,252,764	847,520	5,708,103	1,895,722
	Pass-Through	Grantors by CFDA									
	20.000	U.S. Department of Transportation									
		Grantor: *** University Of Maryland	Z917901	36,070	-	-			-	36,070	-
		Grantor: *** En'urga, Inc.	14121665	13,965	-	-			-	13,965	-
		Grantor: *** Traffax, Inc	15011460	64,824	-	-			-	64,824	-
		Grantor: *** University Of Missouri	C00049231-2	1,132	-	-			-	1,132	-
		Total CFDA No. 20.000		115,991	-	-			-	115,991	-
	20.109	Air Transportation Centers of Excellence									
		Grantor: *** Iowa State University	436-20-08 PO I40491823	4,816	-	-			-	4,816	-
		Total CFDA No. 20.109		4,816	-	-			-	4,816	-
	20.200	Highway Research & Development Program									
		Grantor: *** IN Department of Transportation	12011432 - TPF-5(238)	115,468	-	-			-	115,468	-

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Development Cluster		Student Financial Assistance Cluster*		Ofher		Tota	al .
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Ordinor	140.	CIBA INICITASS INICOGNI GIAINOI	2042	114,489		-				114,489	-
			2352	16,729						16,729	-
			2357	5,617						5,617	-
			3134	34,660	-	-				34,660	-
			PO 15800900	177,833						177,833	-
			PO 15815724	82,352						82,352	-
			PO 16813635	1,087,662						1,087,662	-
Department	t of Transpor	rtation (continued)									
			PO15815577	16,180	-					16,180	-
			SPR - 3653	8						8	-
			SPR-2351	19,269						19,269	-
1.			SPR-3280	2,609						2,609	-
-31-			SPR-3307	7,426				-		7,426	-
			SPR-3319	90,295				-		90,295	-
			SPR-3320	75,358		-		-		75,358	-
			SPR-3403	(272)		-				(272)	-
			SPR-3407	40,506	-	-			-	40,506	-
			SPR-3510	(48)	-				-	(48)	-
			SPR-3523	4,180					-	4,180	-
			SPR-3533	9,087					-	9,087	-
			SPR-3615	31,995	-				-	31,995	-
			SPR-3617	2,083					-	2,083	-
			SPR-3624	(2,027)	-	-			-	(2,027)	-
			SPR-3626	8,385		-			-	8,385	-
			SPR-3634, TPF-5(253)	38,412		-				38,412	-

^{*} denotes major programs

				Research and Development Cluster		Student Financial Assistance Cluster*		Other		Total	
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
			SPR-3636	26,744	-	-		-	-	26,744	-
			SPR-3702	1,501	-	-		-	-	1,501	-
			SPR-3704	2,090	-	-		-	-	2,090	-
			SPR-3706	4,662	-	-			-	4,662	-

Department of Transportation (continued)

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SPR-3707	31,440	-	-	-	-	-	31,440	-
SPR-3708	67,676	-	-	-	-	-	67,676	-
SPR-3709	46,901	-	-	-	-	-	46,901	-
SPR-3710	92,708	-	-	-	-	-	92,708	-
SPR-3714	113,255	-	-	-	-	-	113,255	-
SPR-3715	82,443	-	-	-	-	-	82,443	-
SPR-3716	(4,447)	-	-	-	-	-	(4,447)	-
SPR-3726	22,269	-	-	-	-	-	22,269	-
SPR-3727	475,830	-	-	-	-	-	475,830	-
SPR-3728	29,248	29,248	-	-	-	-	29,248	29,248
SPR-3752	(223)	-	-	-	-	-	(223)	-
SPR-3801	43,237	-	-	-	-	-	43,237	-
SPR-3802	37,392	-	-	-	-	-	37,392	-
SPR-3803	63,809	-	-	-	-	-	63,809	-
SPR-3805	34,734	-	-	-	-	-	34,734	-
SPR-3806	46,646	-	-	-	-	-	46,646	-
SPR-3807	58,418	-	-	-	-	-	58,418	-
							-	

^{*} denotes major programs

				Research and Development Cluster		Student Financial Assistance Cluster*		Oi	her	Total	
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
			SPR-3808	1,664	-	-		-	-	1,664	-
			SPR-3810	29,865	-	-		-	-	29,865	-
			SPR-3811	175,150	-	-		-	-	175,150	-
			SPR-3813	67,253	-	-		-	-	67,253	-
			SPR-3814	39,747	-	-		-	-	39,747	-

Department of Transportation (continued)

SPR-3815	92,544	-	-	-	-	-	92,544	-
SPR-3816	53,173	-	-	-	-	-	53,173	-
SPR-3818	46,531	-	-	-	-	-	46,531	-
SPR-3819	10,771	-	-	-	-	-	10,771	-
SPR-3820	16,804	5,222	-	-	-	-	16,804	5,222
SPR-3821	613,107	-	-	-	-	-	613,107	-
SPR-3823	55,234	-	-	-	-	-	55,234	-
SPR-3827	128,890	-	-	-	-	-	128,890	-
SPR-3828	24,555	-	-	-	-	-	24,555	-
SPR-3829	49,577	-	-	-	-	-	49,577	-
SPR-3830	55,945	-	-	-	-	-	55,945	-
SPR-3831	98,221	-	-	-	-	-	98,221	-
SPR-3832	32,967	-	-	-	-	-	32,967	-
SPR-3833	37,232	-	-	-	-	-	37,232	-
SPR-3852	27,351	-	-	-	-	-	27,351	-
SPR-3857	10,902	-	-	-	-	-	10,902	-
SPR-3858	63,586		-	-	-	-	63,586	-

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Ot	her	Toto	1
C	CFDA	CERATURE (Research Country)	Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number SPR-3861	(2,544)	Subrecipients -	Expended -	Subrecipients	Expended 	Subrecipients -	Expended (2,544)	Subrecipients -
			SPR-3863	37,022	_				-	37,022	
			SPR-3864	40,441	36,441					40,441	36,441
			SPR-3865	142	-				_	142	
			-								
			SPR-3866	87,641	-	-				87,641	
			SPR-3900 -	28,282	-	-			-	28,282	
			SPR-3901	23,395	-	-			-	23,395	-
Departmen	t of Transpor	rtation (continued)									
			SPR-3902	14,363	-	-			-	14,363	-
			SPR-3903	26,014	-	-			-	26,014	-
			SPR-3904	96,769	-	-			-	96,769	-
į,			SPR-3905	36,467	-	-			-	36,467	-
-3 4 -			SPR-3906	80,663	-	-			-	80,663	-
			SPR-3907	67,520	-	-			-	67,520	-
			SPR-3908	40,862	-	-			-	40,862	-
			SPR-3911	72,609	-	-			-	72,609	-
			SPR-3912	147,285	-	-			-	147,285	-
			SPR-3913	92,027	-	-			-	92,027	-
			SPR-3914	19,088	-	-			-	19,088	-
			SPR-3915	78,069	-	-			-	78,069	-
			SPR-3916	75,265	-	-			-	75,265	-
			SPR-3940	69,546	-	-			-	69,546	-
			SPR-3941	24,420	-	-			-	24,420	-
			SPR-3944	44,952	-	-			-	44,952	-
			SPR-3945	67,603	-	-			-	67,603	-

^{*} denotes major programs

		lat no Mit vice .		Research and Dev	elopment Cluster	Student Financia	al Assistance Cluster*	· ·	Other	Toto	ıl
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Gianioi	140.	CIDA IIIIE/I ass-IIIIOUGII Granioi	SPR-3946	49,228	- Judiecipieriis			-		49,228	- sobrecipiems
			SPR-3948	41,942	-	-		-		41,942	-
			SPR-4000	52,404	-	-		-		52,404	-
			SPR-4002	19,937	-	-		-		19,937	
			SPR-4005	19,733	-			-		19,733	-
			SPR-4006	78,735	-			-		78,735	
			SPR-4007	1,894	-	_		-		1,894	
Departmen	nt of Transpor	rtation (continued)									
			SPR-4009	24,878	-	-		-		24,878	
			SPR-4012	60,596	-	-		-		60,596	-
			SPR-4015	34,160	-	-		-		34,160	-
ည်			SPR-4016	21,214	-	-		-	-	21,214	-
Ų			SPR-4017	23,232	-	-		-	-	23,232	-
			SPR-4043	250	-	-		-		250	-
			TPF-5(281)	85,529	-	-		-		85,529	-
			TPF-5(297)	2,322	-	-		-		2,322	-
			TPF-5258	167,371	-	-		-		167,371	-
		*** IN Department of Transportati Total	ion	6,936,984	70,911	-		-		6,936,984	70,911
		Total CFDA No. 20.200		6,936,984	70,911	-		-		6,936,984	70,911
Hi	ighway Plann	ing and Construction Cluster									
	20.205 H	lighway Planning and Construction									
		Grantor: *** IN Department of Transportation	ion EDS A249-15-L150002	-	-	-		- 12,91	5 -	12,915	-
		Total CFDA No. 20.205		-	-	-		- 12,91	5 -	12,915	-
		Total Highway Planning and Construction Cluster		-	-	-		- 12,915		12,915	-
Hi	ighway Safet	y Cluster									
	20.601 A	Alcohol Traffic Safety and Drunk Driving Prevention	Incentive Grants								
		Grantor: *** IN Criminal Justice Institute	EDS D3-15-9087	38,621	-	-		-		38,621	-

^{*} denotes major programs

^{***}denotes pass-through agency

				kesearch and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Off	her	Tota	I
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients						
Giulioi	NO.		EDS D3-16-10210	88,556	30brecipieriis	- Expended	Subrecipieriis	- Expended	30brecipieriis	88,556	30brecipieriis
			250 50 10 10210	50,000							
		*** IN Criminal Justice Institute Total		127,177	-	-			-	127,177	-
_		Total CFDA No. 20.601		127,177	-	-			-	127,177	-
		Total Highway Safety Cluster		127,177	-	-			-	127,177	-
7	Total Pass-Thre	ough Grantors		7,184,968	70,911	-		- 12,915	-	7,197,883	70,911
7	otal Departme	nt of Transportation		11,640,307	1,119,113	-		- 1,265,679	847,520	12,905,986	1,966,633
	of Congress										
D	irect Programs	by CFDA									
_	42.001	Books for the Blind and Physically Handicapped	-	6,257	-	-			-	6,257	-
Library of	Congress (co	ntinued)									
1	Total Direct Pro	ogram		6,257	-	-			-	6,257	-
7	otal Library of	Congress		6,257	-	-			-	6,257	-
	Aeronautic	s and Space Administration									
_	43.000	National Aeronautics & Space Administration	523-2085	-	-	-			-	-	-
_	-	-	NNX10AU95G	2,558	-	-			-	2,558	-
_	-	-	NNH13IA01P	-	-	-		- 244,155	-	244,155	-
	-	-	HST-GO-12534.25-A	4,897	-	-			-	4,897	-
	-	-	RSA NO. 1492032	(10)	-	-			-	(10)	-
	-	-	P.O. NNS14AA12P	-	-	-		- 12,518	-	12,518	-
	-	+	1514746	23,510	-	-			-	23,510	-
_	-	-	1528311	-	-	-		- 60,465	-	60,465	-
_	-	-	PO. 15N0212	52,856	-	-			-	52,856	-
	-	-	PO 15N0335	-	-	-		- 18,056	-	18,056	-
	-	-	1534284	26,976	-	-			-	26,976	-
	-	-	1537002	-	-	-		- 82,754	-	82,754	-
	-	-	PO 15N0508	39,502	-	-			-	39,502	-
	-	-	1547388	2,629	-	-			-	2,629	-
		Total CFDA No.43.000		152,918	-	-		- 417,948	-	570,866	
_	43.001	Aerospace Education Services Program	-	2,829,294	993,717	-		- 162,418	÷	2,991,712	993,717
_	43.002	Technology Transfer	-	179,771	55	-		- 22,500	-	202,271	55
_	43.003	Exploration	-	53,748	-	-			-	53,748	-
_	43.007	Space Operations	-	481,403	-	-			-	481,403	-

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oti	ner	Tota	ıl
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
0.0	43.008	Education	-	14,582	-	-		- 724,964	360,690	739,546	360,690
=	43.009	Cross Agency Support	-	367,037	4,951	-		- 191,835		558,872	4,951
-	43.012	Space Technology	-	49,747	-	-		- 137,541	-	187,288	-
	Total Direct I	Program		4,128,500	998,723	-		- 1,657,206	360,690	5,785,706	1,359,413
	Pass-Through	Grantors by CFDA									
	43.000	National Aeronautics & Space Administration									
		Grantor: *** Arizona State University	15-704	22,604	-	-			-	22,604	-
		Grantor: *** Massachusetts Institute of Technology	5710002785-05	314,601	-	-		-	-	314,601	-
		Grantor: *** Smithsonian Astrophysical Observatory	PF3-140113		-	-		- 76,062	-	76,062	-
		Grantor: *** University of Michigan	3002485426	71,390	-	-			-	71,390	-
National	l Aeronautics	and Space Administration (continued)									
		Grantor: *** University of Southern California	Y88279	69,929	-	-			-	69,929	-
		Grantor: *** Wyle Laboratories	T71686	28,175	-	-			-	28,175	-
-37-		Grantor: *** Mosaic Atm Inc	0014107	36,983	-	-			-	36,983	-
7-		Grantor: *** Ultramet	15076611	26,171	-	-			-	26,171	-
		Grantor: *** Optimal Synthesis Inc	14087928	61,059	-	-			-	61,059	-
			14098622	96,917	-	-			-	96,917	-
			15110146	26,500	-	-			-	26,500	-
		*** Optimal Synthesis Inc Total		184,476	-	-			-	184,476	-
		Grantor: *** Children's Museum, The	46183	8,403	-	-		-	-	8,403	-
		Grantor: *** Analytical Mechanics Assoc, Inc	T00141 FY 15		-	-		-	-	-	-
			T00163-FY15	8,326	-	-			-	8,326	-
		*** Analytical Mechanics Assoc, Inc Total		8,326	-	-		-	-	8,326	-
		Total CFDA No. 43.000		771,058	-			- 76,062	-	847,120	-
	43.001	Aerospace Education Services Program									
		Grantor: *** Arizona State University	16-999	6,575	-	-			-	6,575	-
		Grantor: *** Iowa State University	404-29-05A	96	-	-			-	96	-
		Grantor: *** Rutgers, The State University	SUBAWARD NO. 5173	10,800	-	-		-	-	10,800	-

^{*} denotes major programs

			Research and Development Cluster		Student Financial	Assistance Cluster*	Oti	ner	Tota	11
CFL Grantor No		ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Gidilloi No	Grantor: *** University Corp For Atmospheric			Subrecipieriis	Expended	Subrecipients		sobrecipierns		Subrecipieriis
	Research	Z15-13657	22,414	-	-			-	22,414	-
	Grantor: *** Analytical Mechanics Assoc, Inc	T00163-FY16	23,320		-		-	-	23,320	-
		T00557-FY16	21,850		-			-	21,850	-
	*** Analytical Mechanics Assoc, Inc		45,170		-			-	45,170	-
	Grantor: *** National Institute of Aerospace	6559-PU	55,412		-			-	55,412	-
		T16-6500-PU TO 6556-PU	26,197		-			-	26,197	-
	*** National Institute of Aerospace		81,609		_				81,609	
	Total CFDA No. 43.001									
			166,664	-	-		-	-	166,664	-
43.00	-									
National Aeronau	utics and Space Administration (continued)									
	Grantor: *** Massachusetts Institute of Technology	5710003954	13,621		-		-	-	13,621	-
	Grantor: *** University of Michigan	3003768338	46,684		-			-	46,684	-
۸.	Grantor: *** Univ of Illinois At Champaign- Urbana	2015-01027-02	26,996		-			-	26,996	-
မ် မို	Total CFDA No. 43.002		87,301		-				87,301	-
43.00	08 Education									
	Grantor: *** National Institute of Aerospace	2712-001-PU-1	15,693		-			-	15,693	-
	Total CFDA No. 43.008		15,693		-			-	15,693	-
Total Pa	ass-Through Grantors		1,040,716		-		- 76,062	-	1,116,778	-
Total Nat	tional Aeronautics and Space Administration		5,169,216	998,723	-		- 1,733,268	360,690	6,902,484	1,359,413
Notional Endo	owment of the Arts and Humanities									
	rograms by CFDA									
45.0		HT-231824-15		_	_		- 65,869	_	65,869	
45.1	Promotion of the Humanities Professional	-		-	-		- 24,942	-	24,942	-
45.3	312 National Leadership Grants	-	20,658	7,521	-			-	20,658	7,521
Total Dia	irect Program		20,658	7,521	-		- 90,811	-	111,469	7,521
Dace-Thr	rough Grantors by CFDA									
45.02										
	Grantor: *** Tippecanoe Arts Federation	APP 160007			-		- 1,319	-	1,319	-
	Total CFDA No. 45.025		-		-		- 1,319	-	1,319	-

^{45.161} Promotion of the Humanities_Research

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financia	al Assistance Cluster*	Off	her	Total	al
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
		Grantor: *** New York Historical Society	16045193	-				- 41,789	-	41,789	-
		Total CFDA No. 45.161		-				- 41,789	-	41,789	-
	45.310	Grants to States									
		Grantor: *** Indiana State Library	EDS A64-15-ISL-26A	(1,192)				-	-	(1,192)	-
		Total CFDA No. 45.310		(1,192)					-	(1,192)	-
To	otal Pass-Th	nrough Grantors		(1,192)				- 43,108	-	41,916	-
To	tal National	Endowment of the Arts and Humanities		19,466	7,52	-		- 133,919	-	153,385	7,521

National Science Foundation

Direct Programs by CFDA

47.000	National Science Foundation	1446121-OD	345,771	-	-	-	-	-	345,771	-
47.041	Engineering Grants	-	16,065,486	1,056,156	-	-	-	-	16,065,486	1,056,156
47.049	Mathematical and Physical Sciences	-	7,903,195	-	-	-	-	-	7,903,195	-
47.050	Geosciences	-	2,362,280	11,153	-	-	-	-	2,362,280	11,153
47.070	Computer and Information Science and Engineering	-	16,338,032	3,676,866	-	-	-	-	16,338,032	3,676,866
47.074	Biological Sciences	-	4,629,958	435,010	-	-	-	-	4,629,958	435,010
47.075	Social, Behavioral, and Economic Sciences	-	945,845	2,677	-	-	-	-	945,845	2,677
47.076	Education and Human Resources	-	8,397,365	1,239,269	-	-	-	-	8,397,365	1,239,269
47.078	Polar Programs	-	151,817	302	-	-	-	-	151,817	302
47.079	International Science and Engineering (OISE)	-	966,218	192,324	-	-	-	-	966,218	192,324
47.080	Office of Cyberinfrastructure	-	187,013	-	-	-	-	-	187,013	-
47.082	ARRA-Trans-NSF Recovery Act Research Support	-	(1,658)	-	-	-	-	-	(1,658)	-
Total Direct P	rogram		58,291,322	6,613,757	-	-	-	-	58,291,322	6,613,757
=	Grantors by CFDA National Science Foundation									
	Grantor: *** GreenTech Solution	00052920	54,016	-	-	-	-	-	54,016	-
	Total CFDA No. 47.000		54,016	-	-	-	÷	-	54,016	-
Pass-Through (Grantors by CFDA									
47.041	Engineering Grants									
	Grantor: *** North Carolina State University	2012-2045-01	31,023	-	-	-	-	-	31,023	-
	Grantor: *** Northwestern University	SPOO27655-PROJ0007253	110,762	-	-	-	-	-	110,762	-
	Grantor: *** Rutgers, The State University	2297	578,664	-	-	-	-	-	578,664	-
		5792	64,810	-	-	-	-	-	64,810	-

^{*} denotes major programs

^{***}denotes pass-through agency

		Year ended June 30, 2016										
					Research and Deve		Student Financial		Ot		Tota	
Grantor	CFDA No.	CFDA Title/Pas	ss-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
		Total	*** Rutgers, The State University		643,474	-	-		-	-	643,474	-
		Grantor:	*** University of Minnesota	A003927904	3,583	-	-			-	3,583	-
				T5306692401	453,653	-	-			-	453,653	-
			*** University of Minnesota Total		457,236	-	-			-	457,236	-
		Grantor:	*** University of Notre Dame	202468PU	55,303	-	-			-	55,303	-
		Grantor:	*** Georgia Institute of Technology	RE730-G1	74,261	-	-			-	74,261	-
		Grantor: Barbara	*** University of California - Santa	KK1216	(18,411)	-	-			-	(18,411)	-
		Grantor:	*** WGBH	1129342-EEC	10,440	-	-			-	10,440	-
National Sc	cience Found	ation (continued))									
		Grantor:	*** Brigham And Women's Hospital	108305	215,617	_				_	215,617	
				12110140								
			*** Anasys Instruments		28,497	-	-			-	28,497	
40-		Grantor:	*** Animated Dynamics LLC	14065735	2	-	-			-	2	-
•		Grantor:	*** Edison Agrosciences Inc	14110765	75,142	-	-			-	75,142	-
		Grantor:	*** AccuPS LLC	14121101	89,932	-	-			-	89,932	-
		Grantor:	*** Florida International University	800004153-01	4,491	-	-			-	4,491	-
		Grantor:	*** Wepan	1445076-EEC	20,500	-	-		-	-	20,500	-
		Grantor:	*** Prehensile Technologies LLC	15055475	71,904	-	-			-	71,904	-
		Grantor:	*** Boise State University	6853-A	15,820	-	-			-	15,820	-
		Grantor:	*** VinSense LLC	15121049	12,349	-	-			-	12,349	-
		Grantor:	*** Ento Bio	15120967	41,810	-	-			-	41,810	-
		Grantor:	*** ZeroUI, Inc	15121126	22,216	-	-			-	22,216	-
		Total CFDA N	o. 47.041		1,962,368	-	-			-	1,962,368	-
	47.049 N	Mathematical and	Physical Sciences		1							
		Grantor:	*** Columbia University	1 (GG006897)	14,493	-	-			-	14,493	
		Grantor:	*** Norfolk State University	F1040044	52,773	-	-			-	52,773	

Purdue University Schedule of Expenditures of Federal Awards

^{*} denotes major programs

				Research and Development Cluster		Student Financial	Assistance Cluster*	0	ther	Tota	ıl
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Gianioi	NO.	Grantor: *** Princeton University	00002018	578,454			Sobrecipieriis	Expended	- Subrecipieriis	578,454	Subrecipieriis
		Grantor: Princeton University	00002018	576,454		-		-	-	576,454	
		Grantor: *** University of Michigan	3002095871	351,429				-		351,429	-
		Grantor: *** University of North Carolina	5100408	12,107				-	-	12,107	-
		Grantor: *** University of Notre Dame	1219444-PHY	11,058				-		11,058	-
			201899PU	5,203				-		5,203	-
		*** University of Notre Dame Total		16,261				-	-	16,261	-
		Grantor: *** Virginia Tech	478902-19084	98,719				-		98,719	-
		Grantor: *** Mississippi State University	031900.362651.01	27,687				-		27,687	-
National So	cience Foun	dation (continued)									
		Grantor: *** University of Nebraska-Lincoln	25-0509-0083-002	52,344				-		52,344	-
			25-0521-0178-007	20,338				-		20,338	-
4		*** University of Nebraska-Lincoln Total		72,682						72,682	-
41-		Grantor: *** Assoc of Univ for Res in Astronomy	N60023C-L	151,659				-		151,659	-
		Grantor: *** Univ. of North Carolina At Chape	5101809	24,247				-		24,247	-
		Total CFDA No. 47.049		1,400,511		-				1,400,511	-
	47.050	Geosciences									
		Grantor: *** University of Illinois	NTP-2015-05856-01	164,613				-		164,613	-
		Grantor: *** University of Southern California	60836897	24,595				-		24,595	-
		Grantor: *** Univ of Illinois At Champaign- Urbana	2013-04254-05	159,751				-		159,751	-
		Grantor: *** Consortium for Ocean Leadershi	D BA-107(T341A107)	14,416				-		14,416	-
		Total CFDA No. 47.050		363,375						363,375	-
	47.070	Computer and Information Science and Engineering									
		Grantor: *** Michigan State University	RC104385PUR	140,101				-		140,101	-
		Grantor: *** University of Illinois At Chicago	2016-02752-01-00-DT	34,032				-		34,032	-
		Grantor: *** University of Maryland	17286-Z4314001	52,915				-		52,915	-
		Grantor: *** University of Notre Dame	202369	33,547				-		33,547	-

				Research and Development Cluster		Student Financial	Assistance Cluster*	Of	her	Tota	ıl
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
<u>Oramor</u>	110.	Grantor: *** University of Denver	SC37237-01-00	16,022	-		300/CCIPICTIIS		-	16,022	-
		Total CFDA No. 47.070		276,617		-			-	276,617	-
	47.074	Biological Sciences									
		Grantor: *** Indiana University	IU4881712PU	4,574		-			-	4,574	-
		Grantor: *** Michigan State University	61-2568PU	69,197		-			-	69,197	-
			RC104982PU	247,602		-			-	247,602	-
			RC105234PU	39,545		-			-	39,545	-
		*** Michigan State University Total		356,344	-	-			-	356,344	-
		Grantor: *** North Carolina State University	2012-0901-05	5,701		-			-	5,701	-
National S	Science Fou	ndation (continued)									
			2014-2564-01	208,219		-				208,219	-
		*** North Carolina State University Total		213,920		-			-	213,920	
-42-		Grantor: *** University of Minnesota	H003254004	476,909		-			-	476,909	-
17		Grantor: *** University of Utah	10028702	1,821		-			-	1,821	-
		Grantor: *** Washington State University	123672-G003456	186,183		-				186,183	-
		Grantor: *** Virginia Tech	478778-19084	62,432		-			-	62,432	-
		Grantor: *** University of Missouri-Columbia	C00029481-2	271,672		-			-	271,672	-
		Grantor: *** Donald Danforth Plant Science Center	23202-P	17,377		-			-	17,377	-
		Grantor: *** Louisiana State University	86794	1,194		-			-	1,194	-
		Grantor: *** Northeastern University	502203-78050	131,789		-			-	131,789	-
		Total CFDA No. 47.074		1,724,215		-			-	1,724,215	-
	47.075	Social, Behavioral, and Economic Sciences									
		Grantor: *** University of Chicago	43343-D	59,877		-			-	59,877	-
			FP043343-02-B	76,287		-			-	76,287	-
		*** University of Chicago Total		136,164	-	-			-	136,164	-
		Grantor: *** Univ. of North Carolina At Chape Hill	5-37441	795		-			-	795	

						Student Financia	l Assistance Cluster*	C	other	Tota	11
	FDA No.	CEDA Tilla (Basa Through Countar	Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	NO.	CFDA Title/Pass-Through Grantor Total CFDA No. 47.075	Number	Expended 136,959	Subrecipients	Expended	Subrecipients	Expended	Subrecipients -	Expended 136,959	Subrecipients -
47.	070			700,000						700,000	
47.	076	Education and Human Resources									
		Grantor: *** Arizona State University	16-809	5,123		· -		-		5,123	-
		Grantor: *** Norfolk State University	NTP-F2040005	56,897		-		-		56,897	-
		Grantor: *** University of Minnesota	A003014102	329,931		-		-		329,931	-
		Grantor: *** Utah State University	11059403	(634)				-		(634)	
		Grantor: *** University of Pittsburgh	0048046 (011774-1)	7,680		-		-		7,680	-
		Grantor: *** Black Hills State University	BHSU-PURDUE BP1200005	81,092		-		-		81,092	-
National Scien	ce Found	dation (continued)									
		Grantor: *** Sinclair Community College	1454	30,823		-		-	-	30,823	-
		Grantor: *** College of William And Mary	714483	97,862				-		97,862	-
43-		Grantor: *** Automotive Mf Technical Education	KCT-PS-633 & KCT-PS-677	76,495				-		76,495	-
		Grantor: *** Kennesaw State University	150167-03	6,289		-		-		6,289	-
		Grantor: *** Concord Inc	277-01.01	35,541		-		-		35,541	-
		Total CFDA No. 47.076		727,099		-		-		727,099	-
47.	078	Polar Programs									
		Grantor: *** University of Colorado	1549864	11,162		_				11,162	-
		Total CFDA No. 47.078		11,162		_		-		11,162	
47.1	079	International Science and Engineering (OISE)		, ,						, ,	
47.	079	Grantor: *** Michigan Technical University	1110090Z4	49,747				-		49,747	-
		Total CFDA No. 47.079		49,747				-		49,747	-
47.	080	Office of Cyberinfrastructure									
		Grantor: *** Univ of Illinois At Champaign- Urbana	2011-00318-15	709,008	131,220	-		-		709,008	131,220
		Grantor: *** Univ. of North Carolina At Chapel Hill	5-37365	67,723		-		-		67,723	-
		Total CFDA No. 47.080		776,731	131,220	-		-		776,731	131,220
Total	Pass-Thi	rough Grantors		7,482,800	131,220			-		7,482,800	131,220
Total N	lational :	Science Foundation		65,774,122	6,744,977	· -		-		65,774,122	6,744,977

^{*} denotes major programs

				Research and Development Cluster		Student Financia	ıl Assistance Cluster*	Oti	her	Tota	al
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
Small Bu	ısiness Ad	ministration									
Pá	ass-Through (Grantors by CFDA									
	59.037	Small Business Development Center									
		Grantor: *** IN Economic Development Corporation	EDS A69-15-SBDC-1003					- 76,061	-	76,061	-
			EDS A69-15-SBDC-1004	-				- 105,087	-	105,087	-
			EDS A69-15-SBDC-1005					- 86,334	-	86,334	-
		*** IN Economic Development Corporation Total		-				- 267,482	-	267,482	-
		Grantor: *** IN Small Business Development Cent.	EDS A69-14-SBDC-005	-				- (760)	-	(760)	-
			EDS A69-15-SBDC-1006					- 6,181	-	6,181	-
Small Bus	iness Admin	istration (continued)									
Oman Dus	incss Admin										
		*** IN Small Business Development Cent. Total		-				- 5,421	-	5,421	-
		Grantor: *** Office of Small Business & Entrshp	EDS A69-16-SBDC-2006					- 71,034	-	71,034	-
44-			EDS A69-16-SBDC-2007					- 110,394	-	110,394	-
			EDS A69-16-SBDC-2008					- 81,626	-	81,626	-
			EDS A69-16-SBDC-2009	-				- 119,506	-	119,506	-
		*** Office of Small Business & Entrshp Total		-				- 382,560	-	382,560	-
		Total CFDA No. 59.037		-				- 655,463	-	655,463	-
τ	otal Pass-Th	rough Grantors		-				- 655,463	-	655,463	-
To	otal Small Bu	siness Administration		-				- 655,463	-	655,463	-
Environn	nental Proi	tection Agency									
	rect Programs										
D.	66.000	Environmental Protection Agency	EP-12-H-000495			_		- 3,243	_	3,243	_
	66.469	Great Lakes Program	-	958					-	958	-
_	66.509	Science To Achieve Results (STAR) Research Program		108,487					-	108,487	-
	66.514	Science To Achieve Results (STAR) Fellowship Program	-	-				- 1,454	-	1,454	-
	66.516	P3 Award: National Student Design Competition for Sustainability	-	57,210					-	57,210	-
	66.608	Environmental Information Exchange Network Gran Program and Related Assistance	-	113,967					-	113,967	-
	66.700	Consolidated Pesticide Enforcement Cooperative Agreements	-	-				- 664,567	-	664,567	-
	66.716	Surveys, Studies, Investigations, Training Demonstrations and Educational Outrea	-	-				- 3,371	-	3,371	-

				Research and Development Cluster		Student Financia	l Assistance Cluster*	Oth	er	Tota	1
Grantor	CFDA	CEDA Titla (Base Through Crantor	Identifying	Federal Awards	Expenditures to Subrecipients	Federal Awards	Expenditures to	Federal Awards	Expenditures to Subrecipients	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended 280,622	subrecipients -	Expended -	Subrecipients	- 672,635	subrecipients -	Expended 953,257	Subrecipients
7	Total Direct F	Program		200,022				- 672,033		955,257	
P	ass-Through	Grantors by CFDA									
	66.000	Environmental Protection Agency									
		Grantor: *** MACTECH Engineering And Consulting, Inc.	6064090003	11,327	-	-			-	11,327	-
		Grantor: *** Pegasus Technical Services Inc	PUR-15-001	40,808	-	-			-	40,808	-
			PUR-16-001	37,173	-	-			-	37,173	-
		*** Pegasus Technical Services Inc Total		77,981	-	-		-	-	77,981	
		Total CFDA No. 66.000		89,308	-	-			-	89,308	-
	66.460	Nonpoint Source Implementation Grants									
		Grantor: *** IN Department of Environmental Mgmt	EDS A305-2-72	-	-	-		- (9)	-	(9)	-
Environm	ental Protec	tion Agency (continued)									
			EDS A305-5-194					- 10,337		10,337	
								- 10,337		10,337	
4		*** IN Department of Environmental Mgmt Total		-	-	-		- 10,328	-	10,328	-
45-		Grantor: *** Northwestern IN Regional Planning Cmsn	16012459	1,984	-	-			-	1,984	-
			HUC-0404000105	3,834	-	-			-	3,834	-
		*** Northwestern IN Regional Planning Cmsn Total		5,818	-	-		-	-	5,818	-
		Grantor: *** Wabash River Enhancement Cor	p 306-2-6	-	-	-		-	-	-	-
		Total CFDA No. 66.460		5,818	-	-		- 10,328	-	16,146	-
	66.509	Science To Achieve Results (STAR) Research Program	1								_
		Grantor: *** Clemson University	1778-218-2008962	44,807	-	-		-	-	44,807	-
		Grantor: *** Arizona State University East	14-499	463	-	-		-	-	463	-
		Total CFDA No. 66.509		45,270	-	-			-	45,270	-
	66.708	Pollution Prevention Grants Program									_
		Grantor: *** IN Department of Environmental Mgmt	A305-5-186	-	-	-		- 23,604	-	23,604	
		Total CFDA No. 66.708		-	-	-		- 23,604	-	23,604	-
7	Total Pass-Ti	nrough Grantors		140,396	-	-		- 33,932	-	174,328	-
Т	otal Environ	mental Protection Agency		421,018	-	-		- 706,567	-	1,127,585	-

Nuclear Regulatory Commission

^{*} denotes major programs

^{***}denotes pass-through agency

Marke Mar				Research and Development Cluster		Student Financial Assistance Cluster*		Other		Total	
	CFDA		Identifying								Expenditures to
77.00 Notes Hougethy Commission 18.00	antor No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
	Direct Progra	ams by CFDA									
	77 000	Nuclear Regulatory Commission	NBC-HQ-84-14-G-0048	186 938	_	_			_	186 938	
	77.000	Nuclear regulatory Commission		,	318.324					,	318.32
	-					-					85,16
Trigon T		Total CFDA No.77.000				-			-		403,487
7.00 1.5 No.the Programs for Commission (100 of Commission (100 o	77.008		-	40,086	-	-		- 218,045	-	258,131	
Total Notices Programs Final Program	77.009	U.S. Nuclear Regulatory Commission Ofc of	-	76,331	-	_			-	76,331	
Trail refuse regulatory command : 1945 194				743 863	403 487	_		- 218 045		961 908	403 48
Animated Energy Direct Programs by CFCA 8 10.09 U.S. Department of Energy 7006860 337.294 21.893			•	·						· · · · · · · · · · · · · · · · · · ·	
Book No. Department of Finery 147703 34.712 35.7264 21.003 35.7264 35.726	Total Nuclea	ar Regulatory Commission		743,863	403,487	-		- 218,045	-	961,908	403,48
Book No. Department of Finery 147703 34.712 35.7264 21.003 35.7264 35.726	enartment of En	neray									
## 1000 U.S. Department of Energy ## 147706	-										
1,000 1,00			147700	24 240						24 240	
######################################	81.000	0.5. Department of Energy			21 603				-		21.60
	-										
0019664			2. 00001	1,101						1,101	
1271073	epartment of Energ	gy (continued)									
00128494 109.346 109.346 109.346 109.346 22057 142,709 142,709 132,509 142,709 142,709 132,509 142,709 122,007 142,709 278,007 142,709 132,509 127,007 278,007 142,709 278,007 142,709 142,709 278,007 142,709 144,709						-			-		42,33
200599					-						
142,709											
13069553 - - (1,337) - (1,337)	-									. ,	
XEJ-3232E-01 278,070											
\$C.13-939 671,268											
107408	-										
\$C-10-334 374,800 374,600 1224574											
124374 -											
267603 (30) (30) 616078											
144,468											
3F-32781											
4000131240											
400132567 (392) - - - - (392)	-										
3F-30441 2,266 - - - 2,266 XAT-442228-01 1,982 - - - 1,982 1483113 68,783 - - - 68,783 618066 1,376 - - - 1,376 4F-32042 122,023 - - - 163,27 163,27 PURCHASE ORDER 104741 - - - 166,327 165,27 165,27 B610623 31,754 - - - 166,327 165,27 165,27 B610624 31,754 - - - - 100,594 </td <td>-</td> <td></td>	-										
XAT-4-42228-01 1,982 -	-			. ,		-			-	. ,	
618066			XAT-4-42228-01	1,982	-	-			-	1,982	
HF-32042 122,023 - - - - 122,023 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 166,327 - 100,594 - - - - - 100,594 - - - - 100,594 - - - - 100,594 - - - - - 100,594 - - - - - - - - -			1483113	68,783	-	-				68,783	
PURCHASE ORDER 104741 - - - 166,327 - 166,327 - 166,327 B610623 31,754 - - - - - 31,754 1510347 100,594 - - - - - 100,994 00151419 169,231 - - - - - 100,923 246727 53,232 - - - - - 53,232 619730 45,816 - - - - - 53,232 619730 45,816 - - - - - 53,232 619730 45,816 - - - - - 53,232 7 1,0935 10,955 - - - - 109,955 861147 40,507 - - - - - 40,507 400136253 86,868 - - - - <td><u> </u></td> <td></td> <td>618066</td> <td>1,376</td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>1,376</td> <td></td>	<u> </u>		618066	1,376	-	-			-	1,376	
B610623 31,754 - - - - 31,754 1510347 100,594 - - - - 100,594 00151419 189,231 - - - - 189,231 246727 53,232 - - - - 53,232 617330 45,816 - - - - 45,816 106913 109,955 - - - - 40,507 B611147 40,507 - - - - 40,507 4000136253 86,868 - - - - - 40,507 45,816 - - - - - - 40,507 4000136253 86,868 - </td <td></td> <td></td> <td>4F-32042</td> <td>122,023</td> <td>-</td> <td>-</td> <td></td> <td></td> <td>-</td> <td>122,023</td> <td></td>			4F-32042	122,023	-	-			-	122,023	
1510347 100,594 - - - - - 100,594 00151419 169,231 - - - - 169,231 246727 53,232 - - - - - 53,232 619730 45,816 - - - - 45,816 106913 109,955 - - - - 109,955 B611147 40,507 - - - - 40,507 4000136253 86,868 - - - - - 86,868 B612004 22,524 - - - - - 86,868 B612014 22,524 - - - - - 50,213 KSH-5-57814 50,213 - - - - 58,436 F8-31382 120,846 - - - - 120,846 331098 49,292 - - - - - 49,292			PURCHASE ORDER 104741	-	-	-		- 166,327	-	166,327	
00151419 169,231 - - - - 169,231 246727 53,232 - - - - 53,232 619730 45,816 - - - - 45,816 1009,955 - - - - 109,955 B611147 40,507 - - - - 40,507 4000136253 86,868 - - - - - 86,868 B612004 22,524 - - - - 22,524 5F-30781 50,213 - - - - 50,213 XGN-5-52147-01 58,436 - - - - 58,436 5F-31382 120,846 - - - - - 59,436 331098 49,292 - - - - - 49,292					-	-			-		·
246727 53,232 - - - - - 53,232 619730 45,816 - - - - - 45,816 109955 - - - - - 109,955 B611147 40,507 - - - - - 40,507 4000136253 86,868 - - - - - 86,868 B612004 22,524 - - - - - 22,524 5F-30781 50,213 - - - - - 50,213 XGN-5-52147-01 58,436 - - - - - 58,436 5F-31382 120,846 - - - - - - 120,846 331098 49,292 - - - - - - 49,292											
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B61147 40,507 - - - - - 40,507 400136253 86,868 - - - - - 86,868 B612004 22,524 - - - - - 22,524 5F-30781 50,213 - - - - - 50,213 XGN-5-52147-01 58,436 - - - - - 58,436 5F-31382 120,846 - - - - - 120,846 331098 49,292 - - - - - 49,292	-										
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5F-30781 50,213 - - - - - 50,213 XGN-5-52147-01 58,436 - - - - - - 58,436 5F-31382 120,846 - - - - - - 120,846 331098 49,292 - - - - 49,292											
XGN-5-52147-01 58,436 - - - - - - 58,436 5F-31382 120,846 - - - - - - 120,846 331098 49,292 - - - - 49,292											
5F-31382 120,846 - - - - - - - 120,846 331098 49,292 - - - - 49,292	-										
331098 49.292 49.292											
<u>DE-SCUUI4281</u> 59,217 59,217	-										
			DE-SC0014281	59,217	-	-			-	59,217	

^{*} denotes major programs

				Research and Dev	colonmont Cluster	Student Einangial	Assistance Cluster*	^	ther	Tota	
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor		CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
		<u>-</u>	B614105	141,992	-	-	·			141,992	
-			4000139905	17,992	-	-			-	17,992	
-			0159250	84,970	-	-			-	84,970	
-			0159461	83,776	-	-			-	83,776	
-			B615461	40,517	-	-			-	40,517	
-			0164223	18,323	-	-			-	18,323	
-			1638662	6,949	-	-			-	6,949	
-			1641675	55,242	-	-			-	55,242	
-			16011798	4,079	-	-			-	4,079	
-			B616105	996	-	-			-	996	
-			1641665	41,122	-	-			-	41,122	
-			1643429	5,006		-			-	5,006	
-			ZEJ-6-62142-01	60,929	-	-			-	60,929	
-			115108	36,959	-	-			-	36,959	
-			1650851	53,804	-	_				53,804	
-			XEU-6-62534-01	20,072	-	_				20,072	
-			PO4300230758	7,978	-	_				7,978	
-			1631337	43,565	_	_			_	43,565	
-			20.079	32,919	-	-				32,919	
-			16044777	1,649	-	-				1,649	
-	81.000	ARRA - U.S. Department of Energy	B610962	(1,046)	-	-			-	(1,046)	
Departm	nent of Energy ((continued)									
-				1 100 507	04.004			170.054		1010.111	04.00
		Total CFDA No.81.000		4,133,587	64,024	-		- 176,854	•	4,310,441	64,02
ι .	81.049	Office of Science Financial Assistance Program	-	8,589,028	366,930	-			-	8,589,028	366,93
47-	81.049	ARRA - Office of Science Financial Assistance Program	-	6,051	-	-			-	6,051	
	81.057	University Coal Research	-	124,628	61,042	-			-	124,628	61,0
	81.086	Conservation Research and Development	-	287,360	-	-				287,360	
	81.087	Renewable Energy Research and Development	-	673,374	194,394	-				673,374	194,3
	81.089	Fossil Energy Research and Development	-	584,985	177,475	-			-	584,985	177,4
	81.117	Energy Efficiency and Renewable Energy Information Dissemination, Outreach, Trai	-	312,192	-	-		- 67,097	-	379,289	
-	81.121	Nuclear Energy Research, Development and Demonstration		1,777,857	238,913	-		- 47,204	-	1,825,061	238,9
-	81.124	Predictive Science Academic Alliance Program	-	368,226	-	-			-	368,226	
-	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	-	813,900	112,566	-			-	813,900	112,5
-	Total Direct Pr			17,671,188	1,215,344	-		- 291,155	-	17,962,343	1,215,3
	rotal Bircot 11	ogram.									
	Pass-Through C	Grantors by CFDA									
	81.000	U.S. Department of Energy									
		Grantor: *** University of Notre Dame	UND FUND 202199	213,887	-	-				213,887	
		Grantor: *** S Ram Dynamics	14011264	4,679						4,679	
		,								, .	
		Grantor: *** BERKELEY, LAWRENCE LABORATORY	7118206	138,246	-	-			-	138,246	
		Grantor: *** Third Wave Systems	TDM690	9,311	-	-			-	9,311	

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oti	her	Tota	1
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
		Grantor: *** BlackPak Inc	DE-AR0000462	208,010	-		·		-	208,010	-
		Grantor: *** Spero Energy Inc	15055457	43,956	-	-			-	43,956	-
			16098764	9,957	-	-			-	9,957	
		*** Spero Energy Inc Total		53,913	-	_				53,913	
		Grantor: *** Eaton	0011-40378	34,098	-					34,098	
		Total CFDA No. 81.000		736,020	-	-			-	736,020	-
	81.049	Office of Science Financial Assistance Program									
		Grantor: *** Smithsonian Astrophysical Observatory	SV1-71004	2,668	-	-			-	2,668	-
		Grantor: *** Texas A&M University	C0251	115,857	-	-			-	115,857	-
		Grantor: *** University of Illinois At Chicago	2010-06036-00-00-DT	303	-	-			-	303	-
B		(continued)									
Бераги	nent of Energy	(continued)									
		Grantor: *** University of Oregon	234320B	83,749	-	-			-	83,749	-
-48-		Grantor: *** Washington University	WU-HT-12-35	12,231	-	-			-	12,231	-
ĭ		Grantor: *** Stanford University	27273640-49105-C	118,489	-	-		- 4,027	-	122,516	-
		Grantor: *** Northern Arizona University	1002255-01	3,760	-	-			-	3,760	-
		Grantor: *** Chapman University	500307-0002	33,462	-	-			-	33,462	-
		Total CFDA No. 81.049		370,519	-	-		- 4,027	-	374,546	-
	81.086	Conservation Research and Development									
		Grantor: *** Pennsylvania State University	4354-PU-DOE-4261	642,326	62,000	-			-	642,326	62,000
		Grantor: *** Texas A&M University	C7401	74,965	-	-			-	74,965	-
		Grantor: *** University of Tennessee (The)	PA16-0349-7.1-01	1,746,553	-	-			-	1,746,553	-
		Grantor: *** General Motors Corp	P.O. TCS52615	82,220	-	-			-	82,220	-
		Total CFDA No. 81.086		2,546,064	62,000	-				2,546,064	62,000
	81.087	Renewable Energy Research and Development									_
	01.007	Grantor: *** Stanford University	60220590-51077-P	139,509	-	-			-	139,509	-
			60962305-51077	108,888	-	-			-	108,888	-
		*** Stanford University Total		248,397	-	-			-	248,397	-

^{*} denotes major programs

			Research and Dev	elopment Cluster	Student Financia	l Assistance Cluster*	Off	her	Tota	1
CFDA Grantor No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
	Grantor: *** Mercurius Biorefining	13032921	18,824	-	-			-	18,824	-
	Grantor: *** Midwest Renewable Energy Assoc	15011152		-	-		- 72,189	-	72,189	-
	Total CFDA No. 81.087		267,221	-	-		- 72,189	-	339,410	-
81.105	National Industrial Competitiveness through Energy, Er	nvironment, and Economics								
	Grantor: *** Siemens Power Generation Inc	650059519	1,173	-	-			-	1,173	-
	Total CFDA No. 81.105		1,173	-	-			-	1,173	-
81.113	Defense Nuclear Nonproliferation Research									
	Grantor: *** North Carolina State University	2014-0501-03	310,421					-	310,421	-
	Total CFDA No. 81.113		310,421	-	-			-	310,421	-
81.121	Nuclear Energy Research, Development and Demonstr	ration								
	Grantor: *** Oregon State University	G0137A-A	159,454	-	-		-	-	159,454	-
	Total CFDA No. 81.121		159,454	-	-			-	159,454	-
Department of Ener	rgy (continued)									
81.135	Advanced Research and Projects Agency – Energy Fin	rancial Assistance Program								
01.133		RD691-G3	39,592						39,592	
-49-	Grantor: *** Georgia Tech	HD691-G3		-	-			-		-
φ	Total CFDA No. 81.135		39,592	-	-			-	39,592	-
Total Pass	s-Through Grantors		4,430,464	62,000	-		- 76,216	•	4,506,680	62,000
Total Depa	artment of Energy		22,101,652	1,277,344	-		- 367,371	-	22,469,023	1,277,344
Department of E										
Direct Progr	rams by CFDA									
84.007	Federal Supplemental Educational Opportunity Grants	-	-	-	2,472,786			-	2,472,786	-
84.033	3 Federal Work-Study Program	-	-	-	2,561,753		-	-	2,561,753	-
84.038	8 Federal Perkins Loan Program_Federal Capital Contributions	-	-	-	1,522,331			-	1,522,331	-
84.038	LOAN/LOAN CHARANTEE Fodoral Parking Loan	ı <u>.</u>	-	-	4,534,976			-	4,534,976	-
84.063		-	-	-	52,348,600			-	52,348,600	-
84.116	6 Fund for the Improvement of Postsecondary Education		551,788	6,250	-			-	551,788	6,250
84.200		-	-	-	-		- 220,495	-	220,495	-
84.206	6 Javits Gifted and Talented Students Education Grai Program	nt -	-	-	-		- 390,039	7,193	390,039	7,193
84.220		-	-	-	-		- 64,829	-	64,829	-
84.268	8 Federal Direct Student Loans	-	-	-	2,515			-	2,515	-
84.268	8 LOAN/LOAN GUARANTEE - Federal Direct Studer Loans	nt -	-	-	214,855,541			-	214,855,541	-
84.305	Education Research, Development and		877,092	128,403					877,092	

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	elopment Cluster	Student Financia	I Assistance Cluster*	Ot	her	Toto	ıl
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor Special Education - Personnel Development to	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
	84.325	Improve Services and Results for Ch	-	(4,657)	-	-			-	(4,657)	-
_	84.379	Teacher Education Asst for College & Higher Education Grants (TEACH Grants)	-		-	17,708			-	17,708	-
1	Trio Cluster*										
_	84.042*	TRIO_Student Support Services	-	-	-	=		- 825,895	-	825,895	-
_	84.044*	TRIO_Talent Search	-	355,885	-	-		- 301,749	-	657,634	
_	84.047*	TRIO_Upward Bound	-	-	-	-		- 959,022	-	959,022	<u> </u>
_	84.217*	TRIO_McNair Post-Baccalaureate Achievement	-	-	-	-		- 254,640	-	254,640	-
		Total Trio Cluster*		355,885	-	-		2,341,306	-	2,697,191	-
:	Total Direct F	Program		1,780,108	134,653	278,316,210		- 3,016,669	7,193	283,112,987	141,846
F	Pass-Through	Grantors by CFDA									
	84.048	Vocational Education_Basic Grants to States									
		Grantor: *** IN Dept of Workforce Development	14446		-	-		- 92,005	-	92,005	-
			EDS C1-5-PPS-4-59	-	-	-		- 13,556	-	13,556	-
		*** IN Dept of Workforce Development Total			-	-		- 105,561	-	105,561	-
Departme	ent of Educat	ion (continued)									_
		Total CFDA No. 84.048		_	-			- 105,561	_	105,561	
Ji O	84.116	Fund for the Improvement of Postsecondary Education								,	
		Grantor: *** Endicott College	16055911	54	-	-			-	54	-
		Total CFDA No. 84.116		54	-	-			-	54	-
	84.305	Education Research, Development and Dissemination									
		Grantor: *** Oregon State University	ED161A-B	37,336	-	-			-	37,336	-
		Grantor: *** University of Wisconsin-Madison	482K775	169,229	-	-			-	169,229	-
		Grantor: *** University of Denver	SC37327-01-00	18,791	-	-			-	18,791	-
		Total CFDA No. 84.305		225,356	-	-			-	225,356	-
	84.366	Mathematics and Science Partnerships									
		Grantor: *** IN Department of Education	EDS A58-5-15CI-2279	36,942	-	-			-	36,942	-
		Total CFDA No. 84.366		36,942	-	-			-	36,942	-
	84.367	Improving Teacher Quality State Grants									
		Grantor: *** IN Commission for Higher Education	EDS J22-14-C0293	89,820	-	-			-	89,820	-
			EDS J-22-14-C0294		-	-		- 231,345	-	231,345	-
			EDS J22-16-C0450	134,841	-	-			-	134,841	-

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financia	l Assistance Cluster*	Off	her	Tota	al
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
			J22-15-C0355	-		-		- 200,144	-	200,144	-
		*** IN Commission for Higher Education Total		224,661	-	-		- 431,489	-	656,150	-
		Grantor: *** National Writing Project	03-IN06-SEED2012	-	-	-		- 9,851	-	9,851	-
			96-IN04-SEED2012			-		- 1,894	-	1,894	-
			96-IN04-SEED2016-ILI		-	-		- 8,147	-	8,147	-
		*** National Writing Project Total		-	-	-		- 19,892	-	19,892	-
		Total CFDA No. 84.367		224,661		_		- 451,381	-	676,042	-
	84.378	College Access Challenge Grant Program									
		Grantor: *** IN Commission for Higher Education	EDS J22-15-C0380	148,206	-	-			-	148,206	-
		Total CFDA No. 84.378		148,206	-	-			-	148,206	-
	84.407	Transition Programs for Students with Intellectual Disc	abilities into Higher Educ								
		Grantor: *** Indiana University	BL-4243004-PU			-		- 31,997	-	31,997	-
		Total CFDA No. 84.407		-	-	-		- 31,997	-	31,997	-
Departmer	nt of Educat	ion (continued)									
τ.	otal Pass-Th	hrough Grantors		635,219	-	-		- 588,939	-	1,224,158	-
To	otal Departm	nent of Education		2,415,327	134,653	278,316,210		- 3,605,608	7,193	284,337,145	141,846

Department of Health and Human Services

Agency for Healthcare Research and Quality

Direct Programs by CFDA

Health Cente	er Program Cluster									
93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, H	-	464,011	-	-	-	1,577,391	-	2,041,402	-
	Total Health Center Program Cluster		464,011	-	-	-	1,577,391	-	2,041,402	-
93.226	Research on Healthcare Costs, Quality and Outcomes	-	497,138	228,343	-	-	-	-	497,138	228,343
Total Direct	Program		961,149	228,343	-	-	1,577,391	-	2,538,540	228,343
Pass-Through	Grantors by CFDA									
93.217	Family Planning_Services									
	Grantor: *** Indiana Family Health Council, Inc.	TITLE X	-	-	-	-	260,142	-	260,142	-
	Total CFDA No. 93.217		-	-	-	-	260,142	-	260,142	-
93.226	Research on Healthcare Costs, Quality and Outcomes									
	Grantor: *** Indiana University	IN4688385PU	31,012	-	-	-	-	-	31,012	-
	Grantor: *** Northwestern University	60039471PU	-	-	-		352,751		352,751	-

^{*} denotes major programs

^{***}denotes pass-through agency

			Research and Dev	elopment Cluster	Student Financial	Assistance Cluster*	Oth	er	Tota	1
CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
or No.	CFDA Title/Pass-Through Grantor	Number NTP 14121866	Expended	Subrecipients -	Expended -	Subrecipients -	Expended 75,599	Subrecipients -	Expended 75,599	Subrecipients
	Total CFDA No. 93.226	1411 14121000	31,012						459,362	
	-		07,072				,20,000		700,002	
93.332										
	Grantor: *** Indiana Family Health Council, Inc.	LSFHC NAVIGATOR	-	-	-	-	9,251	-	9,251	
	Total CFDA No. 93.332		-	-	_	-	9,251	-	9,251	
TANF Clus							-, -			
TAIN OIG										
93.558										
	Grantor: *** Indiana Family Health Council, Inc.	' TANF	-	-	-	-	21,269	-	21,269	
	Total CFDA No. 93.558		-	_	_	-	21,269	_	21,269	
	Total TANF Cluster		-		-	-	21,269	-	21,269	
			31,012				. 719,012		750,024	
Total Pass	s-Through Grantors								·	
Total Agen	ncy for Healthcare Research and Quality		992,161	228,343	-	-	2,296,403	-	3,288,564	228,
ontor for Dio	sease Control									
	grams by CFDA									
			201.007				25.44		007.574	
93.262	Occupational Safety and Health Program	•	331,927	18,000	-	-	35,644	-	367,571	18,
rtment of Heal	alth and Human Services (continued)									
Total Dive	alth and Human Services (continued)		331,927	18,000			35,644		367,571	18,0
Total Direc	ect Frogram									
Pass-Throu	ugh Grantors by CFDA									
93.136	· ·									
	Grantor: *** IN State Department of Health	CONTRACT 15261 EDS A70-4-009030	-	-	-	-	38,383		38,383	
		EDS A70-5-009032	-	-	-				70,331	
	*** IN State Department of Health		-	-	-	-		-	108,684	
	<u>Total</u> Total CFDA No. 93.136								108,684	
							100,004		100,004	
93.262	Occupational Safety and Health Program Grantor: *** University of Cincinnati	007569-099	3,066	_	_	_		_	3,066	
	Grantor: *** University of Illinois At Chicago	•	4,831	-	-	-	<u> </u>		4,831	
	Grantor: *** University of Michigan	3003615532	10,233						10,233	
	Grantor: *** University of Michigan Grantor: *** University of Michigan	07569-009	(2,161)		-				(2,161)	
	Research Ctr	07569-009								
	Total CFDA No. 93.262		15,969	-	-	-	-	-	15,969	
93.758		•								
	Grantor: *** IN State Department of Health	EDS A70-5-0791100	-	-	-	-	14,257	-	14,257	
	Total CFDA No. 93.758		-	-	-	-	14,257	-	14,257	
93.945	Assistance Programs for Chronic Disease Prevention	n and Control								
	Grantor: *** IN State Department of Health	n EDS 13886	-	-	-	-	10,000	-	10,000	
		EDS000000000000013384		_			2,335	_	2,335	

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financial	inancial Assistance Cluster* Other		er	Total	
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients
Gianior	NO.	*** IN State Department of Health Total	Number	- Expended	- Subrecipients	- Expended	sobiecipieriis	- 12,335	- Subrecipieriis	12,335	- Subrecipients
		Total CFDA No. 93.945		-	-	-		- 12,335	-	12,335	-
	Total Pass-Ti	hrough Grantors		15,969	-	-		- 135,276	-	151,245	-
		or Disease Control		347,896	18,000	-		- 170,920	-	518,816	18,000
Cent	ers for Medi	care and Medicaid Services									
		Grantors by CFDA									
	93.000	U.S. Department of Health & Human Services Grantor: *** Indiana Hospital Association	HHSM-500-2012-00017C			_		- (390)	_	(390)	
		Grantor: *** Oregon Assoc of Hosp Hith Sys		24,877						24,877	
		Total CFDA No. 93.000		24,877				- (390)		24,487	
	00.004		Monday Freille	**				()			-
	93.621	Affordable Care Initiative - Reduce Avoidable Hospitalia Grantor: **** Indiana University	1ECMS331082-02-00	4	-	-			-	4	-
			IN4688382PU	-	-	-		- 40,497	-	40,497	-
			N93730	-	-	-		- 19,344	-		<u> </u>
		*** Indiana University Total		4	<u>-</u>	-		- 59,841	-	59,845	-
		Total CFDA No. 93.621		4	-	-		- 59,841	-	59,845	-
ပ်၊ ယု Departm	93.638	ACA-Transforming Clinical Practice Initiative: Practice and Human Services (continued)	Transf Networks(PTNs)								
		Grantor: *** Indiana University	IN4380800PU		-	-		- 565,576	-	565,576	
		Total CFDA No. 93.638						- 565,576		565,576	
	Medicaid Clu										
	93.778	Medical Assistance Program									
		Grantor: *** IN Family & Social Services Admin	MD29-5-79-15LF-0374		-	-		- 1,175,595	-	1,175,595	-
_		Total CFDA No. 93.778		-	-	-		- 1,175,595	-	1,175,595	-
		Total Medicaid Cluster		-	-	-		- 1,175,595	-	1,175,595	-
-	Total Pass-Ti	hrough Grantors		24,881	-	-		- 1,800,622	-	1,825,503	-
	Total Centers	for Medicare and Medicaid Services		24,881	-	-		- 1,800,622	-	1,825,503	-
_											
	Direct Program	dministration as by CFDA									
	93.000	U.S. Department of Health & Human Services	HHSF223201310233C	78,917	8,368				-	78,917	8,368
			14IPA	-	-	-		- 8,185		8,185	-
			HHSF223201400059C		-	-		- 805	-	805	-
			HHSF223201410373A	-	-	-		- 96,110	-	96,110	-
			15055431		-	-		- 30,000	-	30,000	-

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Development Cluster		Student Financial	Assistance Cluster*	Off	ner	Tota	al l
Total PERM 1921 1922 1922 1924 1											Expenditures to
20 10 Foat and Dony Administration, Pleasement 10 10 10 10 10 10 10 1	1101 140.		Nomber	-		-	Jobiecipiems	·	-	·	8,368
Pate Propure Company	93 103	Food and Drug Administration, Research	_	627 177							
Pass Treasy Trea		_			9 269					-	0 260
19,00 19,0	Total Direc	ct Program		706,094	0,300	<u> </u>		- 165,543		091,037	0,300
Contact March 16th 16th 17th 17th 17th 17th 17th 17th 17th 17	Pass-Throug	gh Grantors by CFDA									
Final Control Vision Management Mana	93.000										
Total Plane		Educ			-	-			-		
			15033782								
		Total CFDA No. 93.000		87,486	-	-			-	87,486	
	93.103										
Page				198 525	-	-					
		Grantor: *** Natnl Inst for Phrmctcl Tech &									
Part		Educ									
Part											
Exo. Total FDA No. \$3.103 \$3.2341 \$3.5241 \$2.6872 \$3.57213 \$3.5241			NIPTE-UO1-PU-2014-003	30,712	-	-			-	30,712	
State Stat				133,816	-	-			-	133,816	-
State Stat		Total CFDA No. 93.103		332.341	-	-		- 24.872	-	357.213	-
Total Pass-Through Grantors 665,743		Grantor: *** Nutrabiotix LLC	14076928	245,916	-	-		-	-	245,916	
Total Food and Drug Administration 1,371,837 8,368 210,415 1,582,252 8,368 National Institute of Health		Total CFDA No. 93.847		245,916	-	-			-	245,916	-
National Institute of Health	Total Pass	s-Through Grantors		665,743	-	-		- 24,872	-	690,615	-
Direct Programs by CFDA	Total Food	and Drug Administration		1,371,837	8,368	-		- 210,415	-	1,582,252	8,368
Direct Programs by CFDA											
93.000 U.S. Department of Health & Human Services D13PX00154 192.548 1											
P15120879	_	·	D12PV00154	102 548						102 548	
Total CFDA No.93.000 102,548	33.000	0.3. Department of Health & Human Services		102,340	-			- 3,005	-		
Total CFDA No.93.000 102,548 27,245 - 129,793			103818		-	-			-		-
93.113 Biological Response to Environmental Health Hazards			BECK	-	-	-		- 16,298	-	16,298	-
93.173 Hazards				102,548	-	-		- 27,245	-	129,793	-
93.121 Oral Diseases and Disorders Research Research Related to Deafness and Communication Disorders Research and Training in Complementary and Alternative Medicine 93.213 Mental Health Research Grants 93.224 Mental Health Research Grants 93.273 Alcohol Research Programs 93.279 Drug Abuse and Addiction Research Programs 93.270 Discovery and Applied Research for Technological 93.280 Discovery and Applied Research for Technological	93.113		-	880,023	47,426	-			-	880,023	47,426
93.173 Disorders Research and Training in Complementary and Alternative Medicine 93.213 Mental Health Research Grants 93.242 Mental Health Research Grants 93.273 Alcohol Research Programs 93.279 Drug Abuse and Addiction Research Programs 93.280 Discovery and Applied Research for Technological	93.121	Oral Diseases and Disorders Research	-	49,284	-	-			-	49,284	-
93.213 Alternative Medicine	93.173		-	3,337,825	159,672	-		- 308,394	-	3,646,219	159,672
93.242 Mental Health Research Grants - 895.931 57,403 895.931 57,40 93.273 Alcohol Research Programs - 261,375 24,563 - 285,938 93.279 Drug Abuse and Addiction Research Programs - 312,716 312,716 Discovery and Applied Research for Technological 1156.531 248.846	93.213			804,916	330,775	-				804,916	330,775
93.279 Drug Abuse and Addiction Research Programs - 312,716 312,716 Discovery and Applied Research for Technological 1,156.531 348.846	93.242			895,931	57,403	-			-	895,931	57,403
Discovery and Applied Research for Technological	93.273	Alcohol Research Programs		261,375	-	-		- 24,563	-	285,938	-
	93.279	Drug Abuse and Addiction Research Programs	-	312,716	-	-		-	-	312,716	-
	93.286		-	1,156,531	348,846	-			-	1,156,531	348,846

^{*} denotes major programs

^{***}denotes pass-through agency

			Research and Dev	elopment Cluster	Student Financia	Assistance Cluster*	Ot	her	Toto	ıl
CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
antor No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
93.310	Trans-NIH Research Support	-	56,996	-	-		-	-	56,996	-
93.342	LOAN/LOAN GUARANTEE - Health Professions	_	_	_	328,972			_	328,972	_
00.012	Student Loans, Including Primary Care Loa				020,072				020,072	
93.351	Research Infrastructure Programs		413,639	-	-		- 172,943	18,000	586,582	18,000
93.389	National Center for Research Resources	-	624	-	-			-	624	-
93.393	Cancer Cause and Prevention Research	-	1,120,904	226,340	-			-	1,120,904	226,340
93.394	Cancer Detection and Diagnosis Research	-	439,166	-	-			-	439,166	-
93.395	Cancer Treatment Research	-	590,224	-	-			-	590,224	-
93.396	Cancer Biology Research	-	631,760	13,956	-			-	631,760	13,956
93.397	Cancer Centers Support Grants	-	1,586,113	-	-			-	1,586,113	-
93.398	Cancer Research Manpower	-	305,823	198,210	-			-	305,823	198,210
93.837	Heart and Vascular Diseases Research	-	1,180,542	140,279	-			-	1,180,542	140,279
93.846	Arthritis, Musculoskeletal and Skin Diseases	-	1,166,109	100,045	_			-	1,166,109	100,045
	Research									
93.847	Diabetes, Endocrinology and Metabolism Research	-	1,542,943	17,484	-		- 315,492	-	1,858,435	17,484
	Extramural Research Programs in the									
93.853	Neurosciences and Neurological Disorders	-	1,102,532	44,018	-		-	-	1,102,532	44,018
93.855	Allergy, Immunology and Transplantation Research	_	4,316,210	610,652	_		- 57,155	_	4,373,365	610,652
							07,100			
93.859	Biomedical Research and Research Training	-	5,791,956	374,922	-		-	-	5,791,956	374,922
93.865	Child Health and Human Development Extramural Research	-	609,294	96,826	-			-	609,294	96,826
93.866	Aging Research		652,476	130,356					652,476	130,356
93.867	Vision Research		915,095	100,000					915,095	130,330
93.879	Medical Library Assistance	-	115,451	30,079	-		- (12)	-	115,439	30,079
Total Direc	ct Program		30,339,006	2,927,289	328,972		- 905,780	18,000	31,573,758	2,945,289
Pass-Throu	gh Grantors by CFDA									
93.000	U.S. Department of Health & Human Services									
	Grantor: *** Leidos	15X193	72,645	-	-			-	72,645	-
	Grantor: *** J Craig Venter Institute	JCVI-14-005	19,857	-	-			-	19,857	-
	Grantor: *** Science Applications Intnl	12XS406	-	-	-		- 37,012	-	37,012	-
	Grantor: *** Akina, Inc. Business &	14055488	9,101		_				9,101	_
	Technology Center	14033400	3,101						9,101	
	Total CFDA No. 93.000		101,603	-	-		- 37,012	-	138,615	-
00.110	Biological December 4. Engineers and Health Health									
93.113	Biological Response to Environmental Health Hazards	5000000	13,367						10.007	
	Grantor: *** University of North Carolina Grantor: *** University of Hawaii	5033693 KA0082	70,008	-	-		: :	-	13,367 70,008	-
				-	-		-	-		-
	Grantor: *** Harvard School of Public Health	112150-5077626	82,094	-	-		-	-	82,094	-
	Grantor: *** Rush University Medical Center	1R21ES024700-01	28,101	-	-			-	28,101	-
	Total CFDA No. 93.113		193,570	-	-			-	193,570	-
93.143	NIEHS Superfund Hazardous Substances_Basic Resea	arch and Education								
	0	DOLOGOSERIA	40.000							
	Grantor: *** Michigan State University	RC102935PU	43,626	-	-				43,626	-
	Total CFDA No. 93.143		43,626	-	-			-	43,626	-
93.173	Research Related to Deafness and Communication Dis	orders								
	Grantor: *** Vanderbilt University	VUMC 37572	33,421						33,421	
	Canton various on voisity	. O O 07 07 E	00,421						55,421	
	Total CFDA No. 93.173		33,421	-	-			-	33,421	-

^{*} denotes major programs

				Research and Development Cluster		Student Financia	al Assistance Cluster*	0	her	Toto	1
	CFDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor	Number	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
	93.242	Mental Health Research Grants									
	30.L4L	Grantor: *** Indiana University	IN4676720PU	32,704						32,704	-
		Grantor: *** University of Minnesota	A003698601	5,892		-		-		5,892	
		Grantor: *** University of California - Santa	KK1518	92,085		_				92,085	
		Barbara	KKISIO	92,065					-	92,065	
		Total CFDA No. 93.242		130,681		-			-	130,681	-
	93.273	Alcohol Research Programs									
		Grantor: *** Georgia State University	SP00010913-01	241,842	-	-		-		241,842	-
		Grantor: *** Indiana University	BL-4631222-PU	15,444		-		-	-	15,444	-
		Grantor: *** IN Univ Purdue Univ at	IN4687108PU	19,453						19,453	-
		Indianapolis Total CFDA No. 93.273		276,739						276.739	
		70tal 01 D/1110. 30.270		270,703						270,700	
	93.279	Drug Abuse and Addiction Research Programs									
		Grantor: *** Indiana University	IN4693500PU	47,732	-	-		-	-	47,732	<u> </u>
		Grantor: *** University of Kentucky	3210000031-16-012	52,972	-	-		-	-	52,972	-
		Grantor: *** University of Kentucky Research	3049025512-15-014	557	-	-		-	-	557	-
		Fdn	3049025516-15-032	(1,426)						(1,426)	
		*** University of Kentucky Desease		(1,420)						(1,420)	
		*** University of Kentucky Research Fdn Total		(869)	-	-			-	(869)	-
		Total CFDA No. 93.279		99,835	-	-			-	99,835	-
		-									
	93.286	Discovery and Applied Research for Technological Inne	ovations to Improve Human He								
Departme	nt of Health	n and Human Services (continued)									
		(,									
56-		Grantor: *** University of Texas At Austin	UTA15-000332	75,104						75,104	
		Grantor. Oniversity of Texas At Austin	017/10 000002	75,104						75,104	
		Total CFDA No. 93.286		75,104	-	-			-	75,104	-
	00.040	Town NIII December Owners									
	93.310	Trans-NIH Research Support									
		Grantor: *** University of Kansas	FY2014-063	(1,094)	-	-		-	-	(1,094)	-
		Total CFDA No. 93.310		(1,094)	-	_			_	(1,094)	
		Total CFDA No. 93.310		(1,094)				-	-	(1,094)	
	93.350	National Center for Advancing Translational Sciences									
		Grantor: *** IU School of Medicine	CTSI COST SHARE 106533	3,762	-	-		- 829	-	4,591	-
		Grantor: *** IN Univ Purdue Univ at	IN4610360PU	777,098		-			_	777,098	-
		Indianapolis	IN4680860PU	7,078						7,078	
			IN4680863PU	7,078				- 4,092		4,092	<u> </u>
			IN4680883PU	-				- 44,145			
			NTP-CTSI	68,760							
		*** IN Univ Purdue Univ at	1111 0101								
		Indianapolis Total		852,936	-	-		- 48,237	-	901,173	-
		Total CFDA No. 93.350		856,698	-	-		- 49,066	-	905,764	
	93.394	Cancer Detection and Diagnosis Research									
		Grantor: *** University of Chicago	FP059852	45,687		•		-	-	45,687	
		Grantor: *** University of Minnesota	H004548301	78,203	-			-		-,	<u> </u>
		Grantor: *** University of Pennsylvania	568408	7,726						7,720	
		Grantor: *** Vibronix Inc	15098346	69,450	-						
		Total CFDA No. 93.394		201,066		-			-	201,066	-
	93.395	Cancer Treatment Research									
	00.000	Grantor: *** University of Minnesota	H004627901	41,367	-					41,367	-
		Grantor: *** Nanovis Incorporated	13055474	77,551	-	-			-	77,551	-

				Research and Dev	elopment Cluster	Student Financia	ıl Assistance Cluster*	0	ther	Total	al
	FDA		Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
rantor N	Vo.	CFDA Title/Pass-Through Grantor	Number 14109075	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients	Expended	Subrecipients
		Grantor: *** On Target Laboratories LLC	14109075	43,819				-		43,819	
		Total CFDA No. 93.395		162,737		-			-	162,737	
93.3	396	Cancer Biology Research									
		Grantor: *** University of Wisconsin-Madison	538K252	83,611						83,611	
		Grantor: *** SUNY Upstate Medical University	1129866/AWARD 737578	17,446	-	-		-	-	17,446	
		Total CFDA No. 93.396		101,057	-	-			-	101,057	
93.3	398	Cancer Research Manpower									
		Grantor: *** Case Western Reserve University	RES509812	73,916		-				73,916	
		Total CFDA No. 93.398		73,916		_				73,916	
		·		70,010						70,010	
93.8	337	Heart and Vascular Diseases Research									
		Grantor: *** Mount Sinai School of Medicine	0255-8171-4609	16,096		-		-	-	16,096	
			0255-8172-4609	8,918		-				8,918	
		*** Mount Sinai School of Medicine Total		25,014		-			-	25,014	
		Grantor: *** University of Chicago	FP056317-D	97,386						97,386	
		Grantor: *** IU School of Medicine	IUPUI4685946PURDUE	6,171						6,171	
		Grantor: *** IN Univ Purdue Univ at Indianapolis	IN4688149PURDUE	(6,301)		-				(6,301)	
		indianapolis									
Department of H	Health	and Human Services (continued)									
		Grantor: *** California Medical Innovations	15043964	49,622		_				49,622	
		Total CFDA No. 93.837		171,892	-	-			-	171,892	
00.0	140	Arthritis, Musculoskeletal and Skin Diseases Research									
93.8	040	Grantor: *** Nanovis Incorporated	13055484	33,943		_				33,943	
		Grantor: *** University of Louisville	OGMB101493-PURDUE	1,842		-				1,842	
		Grantor: *** Jackson Laboratory, The	5R01AR049288-11	141,791		-			-	141,791	
		Grantor: *** Virginia Commonwealth University	y PT109260-SC107146	49,656	-	-			-	49,656	
		Total CFDA No. 93.846		227,232		_			_	227,232	
93.8	247	Diabetes, Endocrinology and Metabolism Research									
33.0)+1	Grantor: *** Indiana University	IN-4683691-PU	(18)		_				(18)	
		Grantor: *** Tufts University	HH4013	181		-				181	
		Grantor: *** IU School of Medicine	IN4689905PU	9,201		-			-	9,201	
		Grantor: *** IN Univ Purdue Univ at Indianapolis	IN4685579PU	82,757		-				82,757	
		Grantor: *** Symic OA Co	15065614	37,364		_				37,364	
		Total CFDA No. 93.847		129,485	-	-			-	129,485	
93.8	252	Extramural Research Programs in the Neurosciences ar	ad Neurological Disorders								
33.0	555	Grantor: *** Columbia University	1 (ACCT 5-37351)	(41,352)		_				(41,352)	
		•	2(GG010373)	32,379		-				32,379	
		*** Columbia University Total		(8,973)	-	-			-	(8,973)	
		Grantor: *** Stanford University	61022832-114054	20,480		-				20,480	
		Grantor: *** Yale University	M16A12419 (A10551)	7,278						7,278	
		- Tale Children	NTP-15109418	76,787		-				76,787	
		*** Vala University Tet-1									
		*** Yale University Total		104,545		<u>-</u>			· -	104,545	
		Grantor: *** Jackson Laboratory, The	TBI	47,729						47,729	
		Grantor: *** John B Pierce Laboratory	220-04	51,526		-			-	51,526	

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Dev	relopment Cluster	Student Financia	ıl Assistance Cluster*	Of	her	Total	al
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
,		Total CFDA No. 93.853		194,827	-	-			-	194,827	-
	93.855	Allergy, Immunology and Transplantation Research									
		Grantor: *** Indiana University	IN4689685PU	34,644	-	-			-	34,644	-
		Grantor: *** Texas A&M Research Foundation	n 23-S132310	24,970	-	-			-	24,970	-
			23-S142305	42,413		-			-	42,413	-
		*** Texas A&M Research Foundation Total	n	67,383		-			-	67,383	-
		Grantor: *** University of Notre Dame	HHSN272200900039C	(28,592)		-			-	(28,592)	-
		Grantor: *** Vanderbilt University	VUMC 53180	217,676		-			-	217,676	
		Grantor: *** Washington University	WU-14-38	270,182		-			-	270,182	-
		Grantor: *** Wadsworth Center Health Res In	c 4198-01	162,726		-			-	162,726	-
		Grantor: *** Loyola University Chicago	202300/205524	4,085		-			-	4,085	-
			206944	243,558		-			-	243,558	-
		*** Loyola University Chicago Total		247,643		-			-	247,643	-
		Grantor: *** University of Rochester	416848-G	19,629		-			-	19,629	
		Grantor: *** University of Colorado Denver	FY16.526.001	3,487		-			-	3,487	-
		Total CFDA No. 93.855		994,778		-			-	994,778	-

93.859 Biomedical Research and Research Training

Department of Health and Human Services (continued)

ouitir uii	ia naman oo noo (oonanada)								
	Grantor: *** Northwestern University	SP0029058-PROJ0007627	74,606	-	-	-	-	-	74,606
	Grantor: *** University of California	KK1509	44,046	-	-	-	-	-	44,046
	Grantor: *** University of Minnesota	A004265801	55,618	-	-	-	-	-	55,618
		A529626301	(6)	-	-	-	-	-	(6)
		B5186816101	80,242	-	-	-	-	-	80,242
	*** University of Minnesota Total		135,854	-	-	-	-	-	135,854
	Grantor: *** University of Notre Dame	202564PU	126,918	-	-	-	-	-	126,918
	Grantor: *** Washington State University	111597_G003118	18,960	-	-	-	-	-	18,960
	Grantor: *** Anasys Instruments	14065775	62,819	-	-	-	-	-	62,819
	Grantor: *** Univ. of North Carolina At Chapel Hill	5100911	27,263	-	-	-	-	-	27,263
	Grantor: *** bioVidria Inc	14011813	144,621	-	-	-	-	-	144,621
	Grantor: *** Tymora Analytical Operations, LLC	13098408	82,342	-	-	-	-	-	82,342
		1R43GM105063-01	20	-	-	-	-	-	20
	*** Tymora Analytical Operations, LLC Total		82,362	-	-	-	-	-	82,362
	Grantor: *** Li-Cor Biosciences	14065776	66,553	-	-	-	-	-	66,553
	Total CFDA No. 93.859		784,002	-	-	-	-	-	784,002
5 C	Child Health and Human Development Extramural Rese	arch							
	Grantor: *** Yale University	M13A11537 (A09028)	50,415	-	-	-	-	-	50,415
	Total CFDA No. 93.865		50,415	-	-	-	-	-	50,415
66 A	aging Research								
	Grantor: *** Concordance Health Solutions LLC	12054898	19,221	-	-	-	-	-	19,221
	Grantor: *** Work Life Help LLC	14109066	53,545	-	-	-	-	-	53,545
	Total CFDA No. 93.866		72,766	-		-	-	-	72,766

^{*} denotes major programs

^{***}denotes pass-through agency

				Research and Deve	elopment Cluster	Student Financia	Assistance Cluster*	Oth	er	Tota	ı
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
		hrough Grantors	Homber	4,974,356	-	-	30biecipiems	- 86,078	-	5,060,434	-
		Institute of Health		35,313,362	2,927,289	328,972		- 991,858	18,000	36,634,192	2,945,289
		s and Services Administration									
	Direct Program	ns by CFDA									
	93.265	Comprehensive Geriatric Education Program(CGEP)	-	-	-	-		- 48,509	-	48,509	-
	93.342	Health Professions Student Loans, Including Primary Care Loans/Loans for Disadvantaged Students	-	-	-	6,168		-	-	6,168	-
	93.358	Advanced Education Nursing Traineeships	-	-	-	-		- 304,850	-	304,850	
	Total Direct F	Program		-	-	6,168		- 353,359	-	359,527	-
	Pass-Through	Grantors by CFDA									
	93.107	Model State-Supported Area Health Education Centers									
		Grantor: *** Indiana University	U77HP23066-05-02 U77HP23068-04-00	32,737 49,426	11,990	-		<u> </u>	-	32,737 49,426	- 11 000
		*** Indiana Habaniba Tatal	077FP23068-04-00	82,163		-				82,163	11,990
		*** Indiana University Total		82,163	11,990	<u>-</u>			-	82,163	11,990
Departm	ent of Health	and Human Services (continued)									
		Total CFDA No. 93.107		82,163	11,990	-			-	82,163	11,990
^{ဂု}	93.241	State Rural Hospital Flexibility Program									
		Grantor: *** IN State Office of Rural Health Total CFDA No. 93.241	14227	-		-		- 85,719 - 85,719	<u> </u>	85,719 85,719	<u>-</u> _
	00.050							00,770		00,710	
	93.359	Nurse Education, Practice and Retention Grants Grantor: *** Community Health Network	14087124	45,556	_	_		_		45,556	_
		Total CFDA No. 93.359		45,556		-				45,556	
				40,000					-	45,556	
	93.912	Rural Health Care Services Outreach and Rural Health I Grantor: *** ASPIN	15098384	17,045	_	_			_	17,045	
		Giantoi. Aspin	13096364	17,045				-		17,045	
		Grantor: *** Boone County Community Ctr	13076508	1,526	-	-			-	1,526	-
		Total CFDA No. 93.912		18,571	-	-			-	18,571	-
	Total Pass-Ti	hrough Grantors		146,290	11,990	Ē		- 85,719	-	232,009	11,990
	Total Health F	Resources and Services Administration		146,290	11,990	6,168		- 439,078	-	591,536	11,990
Offic	e of the Seci	retary									
	Direct Program										
	93.718	ARRA - Health Information Technology Regional Extension Centers Program	-	-	-	-		- 23,385	-	23,385	-
	Total Direct F			-		-		- 23,385	-	23,385	-
•	Total Office of	f the Secretary			-	-		- 23,385	-	23,385	-

^{*} denotes major programs

			Research and Dev			Il Assistance Cluster*		ther	Tot	
CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures Subrecipient
			•							
	e And Mental Health Services Administration									
Direct Progran	тs by СРДА Substance Abuse and Mental Health									
93.243	Services_Projects of Regional and National Sig	-	-	-			- 56,959	-	56,959	
Total Direct I	Program			-			- 56,959	-	56,959	
Total Substar	nce Abuse And Mental Health Services Administration	,		-	-		- 56,959	-	56,959	
Total Depai	rtment of Health and Human Services Direct Pro	ograms	32,338,176	3,182,000	335,140		- 3,138,061	18,000	35,811,377	3,200
Total Depai	rtment of Health and Human Services Pass-Thro	ough Grantors	5,858,251	11,990	<u>-</u>		- 2,851,579	<u>-</u>	8,709,830	11
Total Depai	rtment of Health and Human Services		38,196,427	3,193,990	335,140		- 5,989,640	18,000	44,521,207	3,211
nont of Ho	meland Security									
Direct Program	•									
97.061	Centers for Homeland Security	-	2,694,125	1,352,389					2,694,125	1,352
97.065	Homeland Security Advanced Research Projects Agency		(3,351)	-	-				(3,351)	1
ent of Homela	land Security (continued)									
97.077	Homeland Security Testing, Evaluation, and Demonstration of Technologies		202,322	-	-			-	202,322	
97.104	Homeland Security-Related Science, Technology, Engr. & Math Career Dev. Program	-	-	-	-		- 17,476	-	17,476	
97.108	Homeland Security, Research, Testing, Evaluation and Demonstration of Technolog	_	5	-	-				5	
Total Direct I	Program		2,893,101	1,352,389	-		- 17,476	-	2,910,577	1,35
Pass-Through	Grantors by CFDA									
97.000	U.S. Department of Homeland Security									
	Grantor: *** Northeastern University	505092-78050	166,626	-	-		-	-	166,626	
	Grantor: *** Morpho Detection LLC	CF10881-PURDUE	27,939	-	-		-		27,939	
		CM10995-PURDUE	2,699	-	-				2,699	
	*** Morpho Detection LLC Total		30,638	-	-				30,638	
	Grantor: *** High Performance Imaging	15109520	87,626	-	-		-		87,626	
	Total CFDA No. 97.000		284,890	-	-				284,890	
97.001	Pilot Demonstration or Earmarked Projects									
	Grantor: *** Northrop Grumman Space Technology	7500119650	140,864	-	-		-		140,864	
	Total CFDA No. 97.001		140,864	-	-				140,864	
97.061	Centers for Homeland Security									
	Grantor: *** Northeastern University	505035-78054	455,035		_				455,035	

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financia	I Assistance Cluster*	Off	her	Toto	1
C	CFDA	CEDATW (Days Through Country	Identifying	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Grantor	No.	CFDA Title/Pass-Through Grantor Total CFDA No. 97.061	Number	Expended 455,035	Subrecipients -	Expended -	Subrecipients	Expended -	Subrecipients -	Expended 455,035	Subrecipients -
	97.062	Scholars and Fellows		<u> </u>						<u>-</u>	
	37.002	Grantor: *** Morgan State University	PU-DHS-01-12	9,283	-	-			-	9,283	-
		Total CFDA No. 97.062		9,283	-	-			-	9,283	-
	Total Pass-T	hrough Grantors		890,072	-	-			-	890,072	-
	Total Departr	nent of Homeland Security		3,783,173	1,352,389	-		- 17,476	-	3,800,649	1,352,389
Ageno	y for Interna	ational Development									
	98.000	Agency for International Development	AID-OAA-L-14-00003		-	_		- 1,074,562	234,569	1,074,562	234,569
		9 - 9	15055402	-	-	-		- 5,442	-	5,442	-
		Total CFDA No.98.000		-	-	-		- 1,080,004	234,569	1,080,004	234,569
	98.012	USAID Development Partnerships for University Cooperation and Development	-	-	-	-		- 352,253	121,088	352,253	121,088
	Total Direct	Program		-	-	-		- 1,432,257	355,657	1,432,257	355,657
Agency	on Internation	nal Development (continued)									
۲	Pass-Through	Grantors by CFDA									
-61-	98.000	Agency for International Development									
		Grantor: *** Indiana University	AID-623-A-12-00001	28,152	-	-		-	-	28,152	-
		Grantor: *** National Academy of Sciences	2000006100	11,688	-	-			-	11,688	-
		Grantor: *** Rutgers, The State University	5736	-	-	-		- 17,831	-	17,831	-
		Grantor: *** University of California - Davis	016258-136	-	-	-		- 14,119	-	14,119	-
			201400223-04		-	-		- 38,599	-	38,599	-
		*** University of California - Davis Total		-	-	-		- 52,718	-	52,718	-
		Grantor: *** Volunteers Economic Growth Alliance	PDP 2014-2	-	-	-		- 184,248	45,000	184,248	45,000
		Total CFDA No. 98.000		39,840	-	-		- 254,797	45,000	294,637	45,000
	98.001	USAID Foreign Assistance for Programs Overseas									_
		Grantor: *** Kansas State University	S14201		-	-		- 141,312	-	141,312	-
			S14207	-	-	-		- 161,852	-	161,852	-
			S15005	-	-	-		- 152,139	12,402	152,139	12,402
			S15006	-	-	-		- 250,170	65,514	250,170	65,514

^{*} denotes major programs

				Research and Dev	elopment Cluster	Student Financial	I Assistance Cluster*	Off	ier	Toto	ıl
Grantor	CFDA No.	CFDA Title/Pass-Through Grantor	ldentifying Number	Federal Awards Expended	Expenditures to Subrecipients						
		*** Kansas State University Total		-	-	-			77,916	705,473	77,916
		Grantor: *** Michigan State University	RC 100599		-	-		9,800	-	9,800	-
			RC102095	35,107	-	-			-	35,107	-
		*** Michigan State University Total		35,107	-	-	-	9,800	-	44,907	
		Grantor: *** Oregon State University	RD011G-D		-	-		- 221,466	146,888	221,466	146,888
		Grantor: *** Tufts University	AID-OAA-L-10-00005					- 21,825		21,825	
			AID-OAA-L-10-00006		-			- 93,641	-	93,641	
		*** Tufts University Total			-			115,466	-	115,466	
		Grantor: *** Virginia Tech	451242-19084			-		- 41,962	-	41,962	
		Grantor: *** Winrock International	6544-13-01		-			- 352,335	-	352,335	
Agency	on Internationa	al Development (continued)									
		Total CFDA No. 98.001		35,107	-		-	1,446,502	224,804	1,481,609	224,804
-62-	98.012	USAID Development Partnerships for University Coope	eration and Development								
17		Grantor: *** University of California - Davis	201500789-03		-	-		946,346	-	946,346	-
		Grantor: *** Family Health International	4576-01-PURDUE-01		-	-		901,452	-	901,452	-
		Total CFDA No. 98.012		-	-	-	-	1,847,798	-	1,847,798	-
	Total Pass-Th	rough Grantors		74,947	-	-		- 3,549,097	269,804	3,624,044	269,804
	Total Agency f	or International Development		74,947	-	-		- 4,981,354	625,461	5,056,301	625,461
Central	Intelligency	/ Agency									
	Direct Programs										
	99.000	Central Intelligence Agency	2013-13083000010	188,964	11,433	-	-	-	-	188,964	11,433
-	Total Direct Pi	rogram		188,964	11,433	-		-	-	188,964	11,433
	Pass-Through (Grantors by CFDA									
		Central Intelligence Agency									
		Grantor: *** Omnis Inc	OMNIS-CIRT-03	55,365	-	-		-	-	55,365	-
		Total CFDA No. 99.000		55,365	-	-	-		-	55,365	-
	Total Pass-Th	rough Grantors		55,365	-	-		-	-	55,365	-
	Total Central Ir	ntelligency Agency		244,329	11,433	-		-	-	244,329	11,433
					-			-			

^{*} denotes major programs

CFDA Grantor No. CFDA Title/Pass-Through Grantor Vietnam Education Foundation Direct Programs by CFDA	Identifying Number	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards Expended	Expenditures to Subrecipients	Federal Awards	Expenditures to	Federal Awards	Expenditures to
Vietnam Education Foundation	Number	Expended	30brecipieriis	Lxpended		Expended	Subrecipients	Expended	Subrecipients
					30D/eCipieriis	Expended	Subrecipierns	Expended	30brecipieriis
Direct Programs by CFDA									
99.000 Department of Veteran's Affairs	-	384,230	-	-		- 286,346	29,983	670,576	29,983
Total Direct Program		384,230	-	-		- 286,346	29,983	670,576	29,983
Total Vietnam Education Foundation		384,230	-	-		- 286,346	29,983	670,576	29,983
United States International Trade Commission									
Direct Programs by CFDA									
99.000 U.S. International Trade Commission	-	-	-	-		- 42,299	-	42,299	-
Total Direct Program			-	-		- 42,299	-	42,299	-
Total United States International Trade Commission		-	-	-		- 42,299	-	42,299	
United States Coast Guard									
Direct Programs by CFDA									
99.000 US Coast Guard	-	20,173	-	-			-	20,173	-
United States Coast Guard (continued)									
Total Direct Program		20,173	-	-			-	20,173	
Total United States Coast Guard		20,173	-	-		-	-	20,173	-
Summary of Direct Programs		166,535,192	20,668,255	278,651,350		- 32,274,649	3,707,668	477,461,191	24,375,923
Summary of Pass-Through Grantors		44,594,451	869,478	-		- 19,282,608	1,165,865	63,877,059	2,035,343
Summary of Total Federal Awards		211,129,643	21,537,733	278,651,350		- 51,557,257	4,873,533	541,338,250	26,411,266

^{*} denotes major programs

^{***}denotes pass-through agency

PURDUE UNIVERSITY NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS June 30, 2016

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, 2016 (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 2015-16 federal capital contributions were:

Balance, July 1, 2015	\$ 19,890,742
Net Federal Capital Contributions: Federal Perkins Loan Program	<u>(511,824)</u>
Balance, June 30, 2016	\$ <u>19,378,918</u>

Amounts loaned to students are recorded as notes receivable. Gross student notes receivable outstanding as of June 30, 2016 were:

<u>Program Title</u>	Federal CFDA Number	<u>Amount</u>
Federal Perkins Loan Program	m 84.038	\$ 26,242,168
Health Professions Student Lo	pans 93.342	<u>2,456,180</u>
Total Student Notes Receival	ole	\$ <u>28,698,348</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, 2016, the University had the following activity related to new loans under this program:

<u>Program</u>	Federal CFDA <u>Number</u>	Number of Loans Issued	<u>Amount</u>
Federal Stafford Loans	84.268	34,502	\$165,108,228
Federal PLUS Loans	84.268	<u>3,443</u>	49,747,314
Totals		<u>37,945</u>	\$ 214,855,542

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?

Significant deficiencies identified? none reported

Any audit findings disclosed that are required to be reported in accordance with 2 CFR 200.516(a)?

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
10.500	Student Financial Assistance Cluster Cooperative Extension Service TRIO Cluster	Unmodified Unmodified 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.

Section III - Federal Award Findings and Questioned Costs

No matters are reportable.

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/ .	