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Purdue University

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**Federal Awards Supplemental Information**  
**June 30, 2023**

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Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

**Independent Auditor's Report**

To the Board of Trustees  
Purdue University

We have audited the financial statements of the business-type activities, the fiduciary activities, and the aggregate discretely presented component units of Purdue University (the "University"), a component unit of the State of Indiana, as of and for the year ended June 30, 2023 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 23, 2023, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to October 23, 2023.

We did not audit the financial statements of Purdue Research Foundation, which represents 96 percent, 98 percent, and 97 percent of the assets, net position, and revenue, respectively, of the discretely presented component units. Purdue Research Foundation's financial statements were audited by other auditors, whose report has been furnished to us, and our opinion, insofar as it relates to the amounts included for Purdue Research Foundation, is based solely on the report of the other auditors.

The University's basic financial statements include the operations of Purdue University Global, Inc. (Purdue Global), a blended component unit. Purdue Global's expended federal awards are reported separately and are not included in the University's schedule of expenditures of federal awards for the year ended June 30, 2023.

The accompanying schedule of expenditures of federal awards is presented for the purpose of additional analysis, as required by the Uniform Guidance, and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The 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 financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

*Plante & Moran, PLLC*

January 25, 2024

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*

**Independent Auditor's Report**

To Management and the Board of Trustees  
Purdue University

We have audited, in accordance with 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, the fiduciary activities, and the aggregate discretely presented component units of Purdue University (the "University"), a component unit of the State of Indiana, as of and for the year ended June 30, 2023 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 23, 2023. Our report includes a reference to other auditors who audited the financial statements of Purdue Research Foundation, as described in our report on Purdue University's financial statements. The financial statements of Purdue International, Inc., a blended component unit, were not audited in accordance with *Government Auditing Standards*, and, accordingly, this report does not include reporting on internal control over financial reporting or compliance and other matters associated with Purdue International, Inc. or that are reported on separately by those auditors who audited the financial statements of Purdue Research Foundation.

**Report on 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) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the University's financial statements will not be prevented, or detected and corrected, on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

**Report on 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 financial statements. 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*.

To Management and the Board of Trustees  
Purdue University

**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.

*Plante & Moran, PLLC*

October 23, 2023

Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance  
Required by the Uniform Guidance

**Independent Auditor's Report**

To the Board of Trustees  
Purdue University

**Report on Compliance for Each Major Federal Program**

***Opinion on Each Major Federal Program***

We have audited Purdue University's (the "University") compliance with the types of compliance requirements identified as subject to audit in the Office of Management and Budget (OMB) Compliance Supplement that could have a direct and material effect on each of the University's major federal programs for the year ended June 30, 2023. 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.

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of the major federal programs for the year ended June 30, 2023.

***Basis for Opinion on Each Major Federal Program***

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); 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* (the "Uniform Guidance"). Our responsibilities under those standards and the Uniform Guidance are further described in the *Auditor's Responsibilities for the Audit of Compliance* section of our report.

We are required to be independent of the University and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the University's compliance with the compliance requirements referred to above.

***Other Matter - Federal Expenditures Not Included in the Compliance Audit***

The University's basic financial statements include the operations of Purdue University Global, Inc., a blended component unit, which expended federal awards that are not included in the University's schedule of expenditures of federal awards during the year ended June 30, 2023. Our compliance audit, described in the *Opinion on Each Major Federal Program* section above, does not include the operations of Purdue University Global, Inc. because Purdue University Global, Inc. engaged other auditors to perform an audit of compliance.

***Responsibilities of Management for Compliance***

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules, and provisions of contracts or grant agreements applicable to the University's federal programs.

To the Board of Trustees  
Purdue University

### ***Auditor's Responsibilities for the Audit of Compliance***

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the University's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and, therefore, is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the University's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the University's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the University's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances 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 the University's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

### **Report on Internal Control Over Compliance**

Our consideration of internal control over compliance was for the limited purpose described in the *Auditor's Responsibilities for the Audit of Compliance* section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance, and, therefore, material weaknesses or significant deficiencies may exist that were not identified. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, as discussed below, we did identify a deficiency in internal control over compliance that we consider to be a significant deficiency.

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 a combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance. We consider the deficiency in internal control over compliance described in the accompanying schedule of findings and questioned costs as Finding 2023-001 to be a significant deficiency.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

To the Board of Trustees  
Purdue University

Government Auditing Standards require the auditor to perform limited procedures on the University's response to the internal control over compliance finding identified in our audit and described in the accompanying schedule of findings and questioned costs. The University's response was not subjected to the other auditing procedures applied in the audit of compliance, and, accordingly, we express no opinion on it.

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.

*Plante & Moran, PLLC*

January 25, 2024



Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.007	Federal Supplemental Educational Opportunity Grants	2,489,974	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.033	Federal Work-Study Program	1,019,224	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.038	LOAN/LOAN GUARANTEE - Federal Perkins Loan Program_Federal Capital Contributions	6,446,928	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.063	Federal PELL Grant Program	48,377,114	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.268	LOAN/LOAN GUARANTEE - Federal Direct Student Loans	163,434,883	0
Student Financial Assistance Cluster	U.S. Department of Education	Direct			84.379	Teacher Education Asst for College & Higher Education Grants (TEACH Grants)	39,530	0
Student Financial Assistance Cluster	<b>Total - U.S. Department of Education</b>						<b>221,787,653</b>	<b>0</b>
Student Financial Assistance Cluster	U.S. Department of Health & Human Services	Direct			93.342	LOAN/LOAN GUARANTEE - Health Professions Student Loans, Including Primary Care Loan	3,295,276	0
<b>Total - Student Financial Assistance Cluster</b>							<b>225,082,929</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	3,344,663	79,219
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AGRICULTURAL RESEARCH SERVICE	59-5020-8-002	10.001	Agricultural Research_Basic and Applied Research	6,368	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AGRICULTURAL RESEARCH SERVICE	59-5020-9-003	10.001	Agricultural Research_Basic and Applied Research	89,178	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	FLORIDA ATLANTIC UNIVERSITY	PR-K195	10.001	Agricultural Research_Basic and Applied Research	85,625	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.001</b>		<b>3,525,834</b>	<b>79,219</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.025	Plant and Animal Disease, Pest Control, and Animal Care	1,237,244	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	62446	10.025	Plant and Animal Disease, Pest Control, and Animal Care	67,246	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	69280	10.025	Plant and Animal Disease, Pest Control, and Animal Care	3,005	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #55079	10.025	Plant and Animal Disease, Pest Control, and Animal Care	43,006	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #64450	10.025	Plant and Animal Disease, Pest Control, and Animal Care	237	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.025</b>		<b>1,350,738</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.028	Wildlife Services	204,869	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.163	Market Protection and Promotion	60,331	18,264
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S002825-COP	10.169	Specialty Crop Block Grant Program	3,488	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2021CPS12	10.170	Specialty Crop Block Grant Program - Farm Bill	132,817	9,602
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2022CPS10	10.170	Specialty Crop Block Grant Program - Farm Bill	82,668	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	THE CENTER FOR PRODUCE SAFETY	2023CPS11	10.170	Specialty Crop Block Grant Program - Farm Bill	56,944	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	57830	10.170	Specialty Crop Block Grant Program - Farm Bill	19,639	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	57833	10.170	Specialty Crop Block Grant Program - Farm Bill	6,746	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	67621	10.170	Specialty Crop Block Grant Program - Farm Bill	24,613	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-19-SCBG-18-006	10.170	Specialty Crop Block Grant Program - Farm Bill	-19,804	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-19SCBG-19-005 38043	10.170	Specialty Crop Block Grant Program - Farm Bill	16,735	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-21-SCBG-20-101	10.170	Specialty Crop Block Grant Program - Farm Bill	4,869	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-21-SCBG-20-102	10.170	Specialty Crop Block Grant Program - Farm Bill	34,403	0

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

Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	CONTRACT #57824	10.170	Specialty Crop Block Grant Program - Farm Bill	66,950	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	CONTRACT #57832	10.170	Specialty Crop Block Grant Program - Farm Bill	36,888	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2204099	10.170	Specialty Crop Block Grant Program - Farm Bill	7,270	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.170</b>		<b>470,738</b>	<b>9,602</b>
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF KENTUCKY	3200003709-21-207	10.174	Acer Access & Development Program	24,909	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585M	10.200	Grants for Agricultural Research, Special Research Grants	2,005	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585R	10.200	Grants for Agricultural Research, Special Research Grants	358	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585U	10.200	Grants for Agricultural Research, Special Research Grants	112,189	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022798C	10.200	Grants for Agricultural Research, Special Research Grants	444	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	PO 514073	10.200	Grants for Agricultural Research, Special Research Grants	30,535	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	PO 630500	10.200	Grants for Agricultural Research, Special Research Grants	13,577	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	PO NUMBER: 630501	10.200	Grants for Agricultural Research, Special Research Grants	11,918	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	PO NUMBER: 708098	10.200	Grants for Agricultural Research, Special Research Grants	7,287	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114349PU	10.200	Grants for Agricultural Research, Special Research Grants	3,887	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	COLORADO STATE UNIVERSITY	UV MONITORING 2008	10.200	Grants for Agricultural Research, Special Research Grants	110	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.200</b>		<b>182,310</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.202	Cooperative Forestry Research	694,824	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.203	Payments to Agricultural Experiment Stations Under the Hatch Act	6,896,362	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	240989A/EA240970	10.205	Payments to 1890 Land-Grant Colleges and Tuskegee University	1,880	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.207	Animal Health and Disease Research	31,229	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NUTRAMAIZE	22100814	10.212	Small Business Innovation Research	26,300	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CENTRAL STATE UNIVERSITY	8551-01	10.215	Sustainable Agriculture Research and Education	-1,132	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H005722957	10.215	Sustainable Agriculture Research and Education	14	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007179315	10.215	Sustainable Agriculture Research and Education	28,444	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008334008	10.215	Sustainable Agriculture Research and Education	-1,681	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008334009	10.215	Sustainable Agriculture Research and Education	5,598	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917105	10.215	Sustainable Agriculture Research and Education	75,359	26,466
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917109	10.215	Sustainable Agriculture Research and Education	57,097	33,045
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917112	10.215	Sustainable Agriculture Research and Education	96,236	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917120	10.215	Sustainable Agriculture Research and Education	4,827	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008917143	10.215	Sustainable Agriculture Research and Education	1,592	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009277408	10.215	Sustainable Agriculture Research and Education	85,055	29,900
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.215</b>		<b>351,409</b>	<b>89,411</b>

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

Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.219	Biotechnology Risk Assessment Research	50,122	39,552
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.250	Agricultural and Rural Economic Research	234,211	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0190-S001	10.250	Agricultural and Rural Economic Research	6,166	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.250</b>		<b>240,377</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.253	Consumer Data and Nutrition Research	-145	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.290	Agricultural Market and Economic Research	3,119	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	423634-19084	10.290	Agricultural Market and Economic Research	12,129	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	9500105314	10.290	Agricultural Market and Economic Research	18,714	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.290</b>		<b>33,962</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.303	Integrated Programs	543,917	93,342
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.304	Homeland Security_Agricultural	776,907	212,144
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC106556E	10.304	Homeland Security_Agricultural	-17	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC112910F	10.304	Homeland Security_Agricultural	4,905	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114390PU	10.304	Homeland Security_Agricultural	1,202	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.304</b>		<b>782,997</b>	<b>212,144</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.307	Organic Agriculture Research and Extension Initiative	752,346	326,791
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-3156-02	10.307	Organic Agriculture Research and Extension Initiative	103,393	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.307</b>		<b>855,739</b>	<b>326,791</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.309	Specialty Crop Research Initiative	1,044,912	483,134
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A23-1498-S002	10.309	Specialty Crop Research Initiative	23,337	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H006335003	10.309	Specialty Crop Research Initiative	1,817	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M1900056	10.309	Specialty Crop Research Initiative	56,443	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2200552	10.309	Specialty Crop Research Initiative	41,353	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110566PU	10.309	Specialty Crop Research Initiative	38,914	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	SYNERGISTIC HAWAII AG COUNCIL	SCRIPURDUE-2022	10.309	Specialty Crop Research Initiative	181,749	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003525	10.309	Specialty Crop Research Initiative	886	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.309</b>		<b>1,389,411</b>	<b>483,134</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.310	Agriculture and Food Research Initiative	7,469,919	1,197,514
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	025599A	10.310	Agriculture and Food Research Initiative	47,438	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	061300.364048.01	10.310	Agriculture and Food Research Initiative	5,761	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	099354-18805	10.310	Agriculture and Food Research Initiative	2,851	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	INDIANA WESLEYAN UNIVERSITY	101	10.310	Agriculture and Food Research Initiative	7,360	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-1507-03	10.310	Agriculture and Food Research Initiative	127,310	0

\* denotes major programs  
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Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NOTRE DAME	204064PU	10.310	Agriculture and Food Research Initiative	35,094	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MASSACHUSETTS	22-016957 A 00	10.310	Agriculture and Food Research Initiative	25,304	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	RUTGERS, THE STATE UNIVERSITY	2250	10.310	Agriculture and Food Research Initiative	28,072	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	241049A	10.310	Agriculture and Food Research Initiative	55,345	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6226-0664-002	10.310	Agriculture and Food Research Initiative	117,667	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CLEMSON UNIVERSITY	2505-207-2015906	10.310	Agriculture and Food Research Initiative	4,944	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	60076795	10.310	Agriculture and Food Research Initiative	3,908	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ARKANSAS	AWD-100401-02	10.310	Agriculture and Food Research Initiative	7,230	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH DAKOTA STATE UNIVERSITY	FAR0035357	10.310	Agriculture and Food Research Initiative	85,850	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M UNIVERSITY	M2202562	10.310	Agriculture and Food Research Initiative	34,336	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF IDAHO	NR3396-SB-691717	10.310	Agriculture and Food Research Initiative	43,557	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111174A	10.310	Agriculture and Food Research Initiative	19,715	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111302D	10.310	Agriculture and Food Research Initiative	91,565	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000006235 / GR12643	10.310	Agriculture and Food Research Initiative	32,319	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.310</b>		<b>8,245,545</b>	<b>1,197,514</b>
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A21-0692-S001	10.320	Sun Grant Program	29,519	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	74,286	6,397
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026461G	10.329	Crop Protection and Pest Management Competitive Grants Program	7,604	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-0465-01	10.329	Crop Protection and Pest Management Competitive Grants Program	15,097	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MISSOURI	C00059074-2	10.329	Crop Protection and Pest Management Competitive Grants Program	5,442	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108974BB	10.329	Crop Protection and Pest Management Competitive Grants Program	13,692	4,473
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108974L	10.329	Crop Protection and Pest Management Competitive Grants Program	9,879	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.329</b>		<b>126,000</b>	<b>10,870</b>
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000001579	10.330	Alfalfa and Forage Research Program	45,402	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022840F	10.332	Agricultural Genome to Phenome Initiative	7,481	5,071
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	026418G	10.332	Agricultural Genome to Phenome Initiative	11,592	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.332</b>		<b>19,073</b>	<b>5,071</b>
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	U OF KENTUCKY CTR FOR POVERTY RES	3200002889-20-241	10.565	Commodity Supplemental Food Program	998	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	CATHOLIC RELIEF SERVICES	SUBCON.20557.49515.01.00	10.606	Food for Progress	52,928	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.652	Forestry Research	103,998	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FRD-UGP-1015	10.652	Forestry Research	19,875	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	OREGON STATE UNIVERSITY	J2401A-A	10.652	Forestry Research	61,184	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.652</b>		<b>185,057</b>	<b>0</b>

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Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	9500075412	10.675	Urban and Community Forestry Program	-1,041	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.678	Forest Stewardship Program	22,753	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.680	Forest Health Protection	220	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.699	Partnership Agreement Program	132,149	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.707	Research Joint Ventures and Cost Reimbursable Agreements	66,281	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.777	Norman E. Borlaug International Agricultural Science and Technology Fellowship	28,629	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.902	Soil and Water Conservation	173,150	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	101917-18195	10.902	Soil and Water Conservation	26,724	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN	144-AAI4597	10.902	Soil and Water Conservation	42,916	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	WOLFE'S NECK CENTER	23067571	10.902	Soil and Water Conservation	76,354	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN	PURDUE_16100055	10.902	Soil and Water Conservation	8	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.902</b>		<b>319,152</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.903	Soil Survey	20,968	0
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.912	Environmental Quality Incentives Program	27,841	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	103926-18438	10.912	Environmental Quality Incentives Program	21,818	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	BROOKSIDE LABORATORIES, INC	20013295	10.912	Environmental Quality Incentives Program	61,094	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	A008715101	10.912	Environmental Quality Incentives Program	134,490	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.912</b>		<b>245,243</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	AMERICAN FARMLAND TRUST	21089769	10.913	Farm and Ranch Lands Protection Program	23,301	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2301517	10.960	Technical Agricultural Assistance	551	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111953-PU	10.960	Technical Agricultural Assistance	2,421	0
Research and Development Cluster*	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC113709 - PURDUE	10.960	Technical Agricultural Assistance	35,652	0
Research and Development Cluster*	U.S. Department of Agriculture				<b>Total - 10.960</b>		<b>38,624</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Agriculture	Direct			10.961	Scientific Cooperation and Research	3,030	0
Research and Development Cluster*	<b>Total - U.S. Department of Agriculture</b>						<b>27,325,432</b>	<b>2,564,914</b>
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.020	Cluster Grants	58,219	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	ECONOMIC DEVELOPMENT ADMINISTRATION	ED21HDQ3070043	11.307	Economic Adjustment Assistance	223,744	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.417	Sea Grant Support	453,628	331,786
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	MISSISSIPPI STATE UNIVERSITY	016200.320565.05	11.417	Sea Grant Support	821	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF MINNESOTA	D007941107	11.417	Sea Grant Support	28,263	0
Research and Development Cluster*	U.S. Department of Commerce				<b>Total - 11.417</b>		<b>482,712</b>	<b>331,786</b>
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #46760	11.419	Coastal Zone Management Administration Awards	16,423	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.420	Coastal Zone Management Estuarine Research Reserves	26,169	0

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Research and Development Cluster*	U.S. Department of Commerce	Direct			11.431	Climate and Atmospheric Research	72,498	0
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.459	Weather and Air Quality Research	3,534	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	TEXAS TECH UNIVERSITY	21B053-03	11.459	Weather and Air Quality Research	103,223	0
Research and Development Cluster*	U.S. Department of Commerce				<b>Total - 11.459</b>		<b>106,757</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.609	Measurement and Engineering Research and Standards	342,711	10,966
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	SEMICONDUCTOR RESEARCH CORPORATION	2018-NE-2819	11.609	Measurement and Engineering Research and Standards	1,295,382	868,532
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	STONY BROOK UNIVERSITY	86272/2/1157293	11.609	Measurement and Engineering Research and Standards	30,789	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	STONY BROOK UNIVERSITY	96960-1181283/2	11.609	Measurement and Engineering Research and Standards	13,179	0
Research and Development Cluster*	U.S. Department of Commerce				<b>Total - 11.609</b>		<b>1,682,061</b>	<b>879,498</b>
Research and Development Cluster*	U.S. Department of Commerce	Direct			11.619	Arrangements for Interdisciplinary Research Infrastructure	32,359	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	NATNL INST FOR INNOVATION IN MF BIO	PC4.1-307	11.619	Arrangements for Interdisciplinary Research Infrastructure	478,337	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000032 ARP-18	11.619	Arrangements for Interdisciplinary Research Infrastructure	483,106	0
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000116 ARP-11	11.619	Arrangements for Interdisciplinary Research Infrastructure	277,387	0
Research and Development Cluster*	U.S. Department of Commerce				<b>Total - 11.619</b>		<b>1,271,189</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Commerce	Pass-Through	NATIONAL SEVERE STORMS LAB	1305M320PNRMA0628	11.RD	U.S. Department of Commerce	54,867	0
Research and Development Cluster*	<b>Total - U.S. Department of Commerce</b>						<b>3,994,639</b>	<b>1,211,284</b>
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M2200866	12.005	Conservation and Rehabilitation of Natural Resources on Military Installations	48,797	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.006	National Defense Education Program	723,646	73,083
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TOWSON UNIVERSITY	62 PROJECT #5040389	12.114	Collaborative Research and Development	4,340	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.300	Basic and Applied Scientific Research	14,150,079	3,045,970
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF WISCONSIN	0000002120	12.300	Basic and Applied Scientific Research	173,198	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00010541	12.300	Basic and Applied Scientific Research	6,465	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CORNELL UNIVERSITY	137850-20943	12.300	Basic and Applied Scientific Research	168,583	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	162306817	12.300	Basic and Applied Scientific Research	52,825	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CONNECTICUT	163164	12.300	Basic and Applied Scientific Research	40,657	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT ARLINGTON	2020GC0760	12.300	Basic and Applied Scientific Research	42,568	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	2108977-AMEND1	12.300	Basic and Applied Scientific Research	36,067	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INTELLIGENT AUTOMATION INC	2280-2	12.300	Basic and Applied Scientific Research	505	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF PENNSYLVANIA	572339	12.300	Basic and Applied Scientific Research	166,364	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TEXAS A&M AGRILIFE RESEARCH	M1901497	12.300	Basic and Applied Scientific Research	-1,474	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TENNESSEE SPACE INSTITUTE	N00164-20-2008-PURDUE	12.300	Basic and Applied Scientific Research	-10,013	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002831	12.300	Basic and Applied Scientific Research	185,028	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R000002979	12.300	Basic and Applied Scientific Research	1,182	0

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA STATE UNIVERSITY	R01850	12.300	Basic and Applied Scientific Research	33	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2221-001-1	12.300	Basic and Applied Scientific Research	90,421	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00014010-02	12.300	Basic and Applied Scientific Research	160,632	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NORTH DAKOTA	UND0028082-S1	12.300	Basic and Applied Scientific Research	20,711	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.300</b>		<b>15,283,831</b>	<b>3,045,970</b>
Research and Development Cluster*	U.S. Department of Defense	Direct			12.351	Basic Scientific Research - Combating Weapons of Mass Destruction	-5,560	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.420	Military Medical Research and Development	2,734,955	147,418
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	COLUMBIA UNIVERSITY	1(GG015390-01)	12.420	Military Medical Research and Development	20,660	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-IRVINE	2021-1581	12.420	Military Medical Research and Development	64,150	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5782	12.420	Military Medical Research and Development	66,634	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INDIANA UNIVERSITY	9176-PU	12.420	Military Medical Research and Development	113,188	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2019-115	12.420	Military Medical Research and Development	-122	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.420</b>		<b>2,999,465</b>	<b>147,418</b>
Research and Development Cluster*	U.S. Department of Defense	Direct			12.431	Basic Scientific Research	17,155,384	5,143,560
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GROUP 4 DEVELOPMENT, LLC	104924	12.431	Basic Scientific Research	32,999	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	10900-GR	12.431	Basic Scientific Research	138,314	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	WORCESTER POLYTECHNIC INSTITUTE	11318-GR	12.431	Basic Scientific Research	12,651	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT DALLAS	1604768	12.431	Basic Scientific Research	468	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NOTRE DAME	203708PU	12.431	Basic Scientific Research	66,804	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA TECH	AWD-101190-G4	12.431	Basic Scientific Research	-25	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CHICAGO	AWD103405_A	12.431	Basic Scientific Research	85,026	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	YALE UNIVERSITY	CON-80003444(GR115165)	12.431	Basic Scientific Research	162,538	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF KANSAS	FY2023-036	12.431	Basic Scientific Research	141,070	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	PO# CCD-063020-01-CLC	12.431	Basic Scientific Research	1,422	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00010157	12.431	Basic Scientific Research	157,735	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000220	12.431	Basic Scientific Research	8,215	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.431</b>		<b>17,962,601</b>	<b>5,143,560</b>
Research and Development Cluster*	U.S. Department of Defense	Direct			12.630	Basic, Applied, and Advanced Research in Science and Engineering	312,849	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MISSISSIPPI STATE UNIVERSITY	191000.361536.02	12.630	Basic, Applied, and Advanced Research in Science and Engineering	59,155	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CONTINUOUS SOLUTIONS	20090760	12.630	Basic, Applied, and Advanced Research in Science and Engineering	280,120	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DELAWARE	56869	12.630	Basic, Applied, and Advanced Research in Science and Engineering	-23	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000009	12.630	Basic, Applied, and Advanced Research in Science and Engineering	100	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.630</b>		<b>652,201</b>	<b>0</b>

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Research and Development Cluster*	U.S. Department of Defense	Direct			12.800	Air Force Defense Research Sciences Program	9,519,576	1,940,691
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	EATON	0011-45119	12.800	Air Force Defense Research Sciences Program	109,709	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	EATON	0011-45229	12.800	Air Force Defense Research Sciences Program	153,886	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BOISE STATE UNIVERSITY	10287-PO140639	12.800	Air Force Defense Research Sciences Program	40,973	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	119-003-002	12.800	Air Force Defense Research Sciences Program	-4,941	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PRESIDENT & FELLOWS OF HARVARD	130427-5114548	12.800	Air Force Defense Research Sciences Program	172,836	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF SOUTHERN CALIFORNIA	136712590	12.800	Air Force Defense Research Sciences Program	304,105	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TULSA	14-2-12-153426-66019	12.800	Air Force Defense Research Sciences Program	51,851	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-IRVINE	2020-1389	12.800	Air Force Defense Research Sciences Program	66,428	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF NOTRE DAME	204152PU	12.800	Air Force Defense Research Sciences Program	40,985	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	3004428167	12.800	Air Force Defense Research Sciences Program	0	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SUNY COLL OF ENVIRONMTL SCI & FOR	550-1174245-94012	12.800	Air Force Defense Research Sciences Program	31,847	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STANFORD UNIVERSITY	62741613-204669	12.800	Air Force Defense Research Sciences Program	220,605	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLORIDA INTERNATIONAL UNIVERSITY	800011034-01UG/000143	12.800	Air Force Defense Research Sciences Program	187,899	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BOISE STATE UNIVERSITY	8583-PO132260	12.800	Air Force Defense Research Sciences Program	23,335	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MISSOURI-COLUMBIA	C00064537-5	12.800	Air Force Defense Research Sciences Program	169,577	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPACE DYNAMICS LABORATORY	CP0072458	12.800	Air Force Defense Research Sciences Program	113,644	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CENTAURI	PO# 1461	12.800	Air Force Defense Research Sciences Program	6	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF BUFFALO	R1304009	12.800	Air Force Defense Research Sciences Program	102,660	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CASE WESTERN RESERVE UNIVERSITY	RES600184	12.800	Air Force Defense Research Sciences Program	28,125	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA-RIVERSIDE	S-000701	12.800	Air Force Defense Research Sciences Program	23,643	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-119-030-008	12.800	Air Force Defense Research Sciences Program	44,999	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5941 PO#870863	12.800	Air Force Defense Research Sciences Program	24,467	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB1908-001-1	12.800	Air Force Defense Research Sciences Program	122,001	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF FLORIDA	SUB00002946	12.800	Air Force Defense Research Sciences Program	165,485	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.800</b>		<b>11,713,701</b>	<b>1,940,691</b>
Research and Development Cluster*	U.S. Department of Defense	Direct			12.903	GenCyber Grants Program	120,517	0
Research and Development Cluster*	U.S. Department of Defense	Direct			12.910	Research and Technology Development	3,388,920	637,689
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS	108335-18902	12.910	Research and Technology Development	169,501	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS	112290-19453	12.910	Research and Technology Development	10,682	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103299-01	12.910	Research and Technology Development	247,683	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ROCHESTER INSTITUTE OF TECHNOLOGY	417385/URFAO GR510841	12.910	Research and Technology Development	88,143	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	5621-PU-DARPA-0032	12.910	Research and Technology Development	7	0

\* denotes major programs  
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Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INTERIOR, U.S. DEPARTMENT OF	D18AC00024	12.910	Research and Technology Development	334,249	225,369
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INTERIOR, U.S. DEPARTMENT OF	D19AP00052	12.910	Research and Technology Development	-2,291	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIV OF CALIFORNIA-SANTA BARBARA	KK2318	12.910	Research and Technology Development	1,761	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTAUS-SUB00000647	12.910	Research and Technology Development	79,714	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.910</b>		<b>4,318,369</b>	<b>863,058</b>
Research and Development Cluster*	U.S. Department of Defense	Direct		2019-18101500002	12.RD	U.S. Department of Defense	212,804	0
Research and Development Cluster*	U.S. Department of Defense	Direct		2021-21090200002	12.RD	U.S. Department of Defense	904,429	218,224
Research and Development Cluster*	U.S. Department of Defense	Direct		F1SRQ22062M001	12.RD	U.S. Department of Defense	7,284	0
Research and Development Cluster*	U.S. Department of Defense	Direct		FA8650-19-C-2410	12.RD	U.S. Department of Defense	1,495,790	22,481
Research and Development Cluster*	U.S. Department of Defense	Direct		FA930022P6006 - 01	12.RD	U.S. Department of Defense	169,702	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112090010	12.RD	U.S. Department of Defense	-70	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112090083	12.RD	U.S. Department of Defense	913,953	31,359
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112090124	12.RD	U.S. Department of Defense	224,647	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112190006-04	12.RD	U.S. Department of Defense	47,286	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112190007	12.RD	U.S. Department of Defense	166,411	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112190038	12.RD	U.S. Department of Defense	1,481	0
Research and Development Cluster*	U.S. Department of Defense	Direct		HR00112390071	12.RD	U.S. Department of Defense	56,796	0
Research and Development Cluster*	U.S. Department of Defense	Direct		JROTC 23122404	12.RD	U.S. Department of Defense	32,743	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N0016420PJ176	12.RD	U.S. Department of Defense	9,449	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N0016421PG023	12.RD	U.S. Department of Defense	5,000	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N00178-21-P-6682	12.RD	U.S. Department of Defense	24,628	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N0017823P6674	12.RD	U.S. Department of Defense	7,139	0
Research and Development Cluster*	U.S. Department of Defense	Direct		N6893622P0099	12.RD	U.S. Department of Defense	166,885	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W911QY1910009	12.RD	U.S. Department of Defense	26,973	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ-22-P-0020	12.RD	U.S. Department of Defense	75,931	38,830
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HQ19C0063	12.RD	U.S. Department of Defense	88,412	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W912HZ20C0019	12.RD	U.S. Department of Defense	2,191	0
Research and Development Cluster*	U.S. Department of Defense	Direct		W9132V22C0002	12.RD	U.S. Department of Defense	153,629	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INST FOR ADVCD COMPOSITES MF INNOVATION	020-900-002-05	12.RD	U.S. Department of Defense	-135	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	IN TECH & MANUFACTURING CO	08012020SC1	12.RD	U.S. Department of Defense	148,373	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PHYSICAL SCIENCES, INC	10-18765-108129-46	12.RD	U.S. Department of Defense	155,560	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1105750-5	12.RD	U.S. Department of Defense	74,428	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	1119482-1	12.RD	U.S. Department of Defense	388,173	0

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Purdue University  
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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	VERUS RESEARCH	1178-00089	12.RD	U.S. Department of Defense	17,000	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF SOUTHERN CALIFORNIA	125053027	12.RD	U.S. Department of Defense	109,893	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TANGRAM FLEX, INC	131_01_PURDUE	12.RD	U.S. Department of Defense	89,733	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	APTIMA, INC.	1477-2220	12.RD	U.S. Department of Defense	62,564	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	JACOBS ENGINEERING GROUP INC	149001305	12.RD	U.S. Department of Defense	1,783	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF COLORADO	1563321	12.RD	U.S. Department of Defense	47,738	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16308A23	12.RD	U.S. Department of Defense	156,133	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ILLINOIS AT CHICAGO	18428	12.RD	U.S. Department of Defense	55,577	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PC KRAUSE AND ASSOCIATES	20035240	12.RD	U.S. Department of Defense	119,219	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BDYWR, LLC	20046553	12.RD	U.S. Department of Defense	4	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLIR SYSTEMS INC	20089402	12.RD	U.S. Department of Defense	203,067	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ADVANCED TECHNOLOGY INTERNATIONAL	2018-505 TASK NO. 2	12.RD	U.S. Department of Defense	25,744	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2019-016	12.RD	U.S. Department of Defense	126,255	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2020-017	12.RD	U.S. Department of Defense	71,959	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ADVANCED TECHNOLOGY INTERNATIONAL	2021-432	12.RD	U.S. Department of Defense	1,153,108	550,078
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SYSTEMS & TECHNOLOGY RESEARCH	2022-0014	12.RD	U.S. Department of Defense	99,062	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2022-003	12.RD	U.S. Department of Defense	160,760	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GALOIS, INC	2022-020	12.RD	U.S. Department of Defense	54,438	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CFD RESEARCH CORPORATION	206951	12.RD	U.S. Department of Defense	75,523	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CONTINUOUS SOLUTIONS	21013851	12.RD	U.S. Department of Defense	422,734	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BDYWR, LLC	21013954	12.RD	U.S. Department of Defense	2	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103014-02	12.RD	U.S. Department of Defense	16,142	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103190-02	12.RD	U.S. Department of Defense	-1,281	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103221-05	12.RD	U.S. Department of Defense	3	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103221-13	12.RD	U.S. Department of Defense	231,110	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103255-01	12.RD	U.S. Department of Defense	116,953	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103257-03	12.RD	U.S. Department of Defense	369,359	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	2103381-02	12.RD	U.S. Department of Defense	220,819	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INTRINSIX, INC	21035375	12.RD	U.S. Department of Defense	2,649	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SOFTWARE FACTORY LABS INC	21112206	12.RD	U.S. Department of Defense	77	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLIGHTPROFILER LLC	21123824	12.RD	U.S. Department of Defense	161,623	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SYNTHIO CHEMICALS, INC	22-01	12.RD	U.S. Department of Defense	83,566	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	NALAS ENGINEERING SERVICES INC	22046903	12.RD	U.S. Department of Defense	67,269	0

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ACME ATRONOMATIC, LLC	22057715	12.RD	U.S. Department of Defense	15,000	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	22089371	12.RD	U.S. Department of Defense	23,919	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HELICOID INDUSTRIES INC	22090329	12.RD	U.S. Department of Defense	83,000	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	AHMIC AEROSPACE	22101-SCA-001	12.RD	U.S. Department of Defense	25,004	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	1109 BRAVO LLC	22101391	12.RD	U.S. Department of Defense	65,276	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HELICON CHEMICAL COMPANY	221132	12.RD	U.S. Department of Defense	203	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FLIR SYSTEMS INC	22123185	12.RD	U.S. Department of Defense	142,004	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ANALYSWIFT LLC	23024320	12.RD	U.S. Department of Defense	21,274	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	281277B	12.RD	U.S. Department of Defense	123,910	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LUNA INNOVATIONS INCORPORATED	3682-DHA-2S/PURDUE	12.RD	U.S. Department of Defense	28,685	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LOCKHEED MARTIN CORP.	4105453439	12.RD	U.S. Department of Defense	175,996	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	IBM	4700059853	12.RD	U.S. Department of Defense	868	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GENERAL DYNAMICS INFORMATION TECH INC	4SK00008LB	12.RD	U.S. Department of Defense	-22,825	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MASSACHUSETTS INST OF TECH LINCOLN LAB	7000506291	12.RD	U.S. Department of Defense	71,879	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	703731	12.RD	U.S. Department of Defense	140,913	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	CFD RESEARCH CORPORATION	9391	12.RD	U.S. Department of Defense	42,307	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LYNNTECH INC	AF-002 II	12.RD	U.S. Department of Defense	16,228	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	APL 177536	12.RD	U.S. Department of Defense	19,201	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000424-06	12.RD	U.S. Department of Defense	63,884	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	AWARD NUMBER 2103399-02	12.RD	U.S. Department of Defense	83,401	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004308-S5	12.RD	U.S. Department of Defense	83,054	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-004311-S4	12.RD	U.S. Department of Defense	296,493	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B653219	12.RD	U.S. Department of Defense	53,699	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	RAYTHEON BBN TECHNOLOGIES	BBN REF #90189	12.RD	U.S. Department of Defense	91,708	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	EXPEDITION TECHNOLOGY INC	EXP-21-009	12.RD	U.S. Department of Defense	218,113	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	RHEA SPACE ACTIVITY	FA8649-21-9-9004	12.RD	U.S. Department of Defense	45,277	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	AXNANO LLC	FA864921P0368	12.RD	U.S. Department of Defense	9,632	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	GLOBAL ENGINEERING & MATERIALS, INC	FFP-2021-PU-0324	12.RD	U.S. Department of Defense	49,451	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEVENS INSTITUTE OF TECHNOLOGY	HQ003419D0003	12.RD	U.S. Department of Defense	29,787	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	IN SPACE, LLC	INS-22002-1	12.RD	U.S. Department of Defense	103,430	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	DEFENSE ENGINEERING CORP	J066 PO 10478	12.RD	U.S. Department of Defense	7,905	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MATERIALS & MANUFACTURING SYSTEMS	M-062122-PRD-01	12.RD	U.S. Department of Defense	2,982	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TEXAS A&M UNIVERSITY	M2200669-28-520510-00006	12.RD	U.S. Department of Defense	17,096	0

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Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-21-064G-P	12.RD	U.S. Department of Defense	17,863	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MRL MATERIALS RESOURCES LLC	MRL-22-0010	12.RD	U.S. Department of Defense	-23	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LEIDOS	P010234740	12.RD	U.S. Department of Defense	252,725	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LEIDOS	P010246279	12.RD	U.S. Department of Defense	-2,713	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LEIDOS	P010269653	12.RD	U.S. Department of Defense	358,186	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	LEIDOS	P010282527	12.RD	U.S. Department of Defense	114,926	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PALO ALTO RESEARCH CENTER	P316829	12.RD	U.S. Department of Defense	138,990	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	DEFENSE ENGINEERING CORP	PO 10312	12.RD	U.S. Department of Defense	44,622	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	PERSPECTA LABS	PO-0021592	12.RD	U.S. Department of Defense	351,955	71,966
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SAAB NORTH AMERICA INC	PO# 59246	12.RD	U.S. Department of Defense	51,068	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SRI INTERNATIONAL	POS1396	12.RD	U.S. Department of Defense	354,903	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FRONTIER TECHNOLOGY INC	PUR-19-208755-291	12.RD	U.S. Department of Defense	5,297	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	AXNANO LLC	PURDUE-2	12.RD	U.S. Department of Defense	54,558	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	MICHIGAN STATE UNIVERSITY	RC113206-PURDUE	12.RD	U.S. Department of Defense	340,925	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	RSC19028	12.RD	U.S. Department of Defense	176,252	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	RSC20028	12.RD	U.S. Department of Defense	346,177	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF DAYTON RESEARCH INSTITUTE	RSC21045	12.RD	U.S. Department of Defense	522,572	-223
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	APPLIED RESEARCH ASSOCIATES, INC	S-004517-01-PU	12.RD	U.S. Department of Defense	37,574	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	APPLIED RESEARCH ASSOCIATES, INC	S-004528-02-PURDUE	12.RD	U.S. Department of Defense	382,208	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	THE GENEVA FOUNDATION	S-10779-01	12.RD	U.S. Department of Defense	67,136	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-109-5Z6-001	12.RD	U.S. Department of Defense	-16	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-111-051-002	12.RD	U.S. Department of Defense	22	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-215-020-005	12.RD	U.S. Department of Defense	8,171	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	FREEDOM PHOTONICS, LLC.	S-7208	12.RD	U.S. Department of Defense	132,866	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UES INC.	S-987-001-001	12.RD	U.S. Department of Defense	12,592	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF IOWA	S02933-01	12.RD	U.S. Department of Defense	99,785	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB1921-001-1	12.RD	U.S. Department of Defense	287,234	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB1921-003C-03	12.RD	U.S. Department of Defense	98,295	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2003-001-1	12.RD	U.S. Department of Defense	7,505	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2012-001-1	12.RD	U.S. Department of Defense	43,370	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	INNOVATIVE SCIENTIFIC SOLUTIONS, INC.	SB20274	12.RD	U.S. Department of Defense	358,884	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2114-001-1	12.RD	U.S. Department of Defense	43,699	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2118-001-1	12.RD	U.S. Department of Defense	77,783	0

\* denotes major programs  
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Purdue University  
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For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2202-001-1	12.RD	U.S. Department of Defense	83,047	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2213-001-1	12.RD	U.S. Department of Defense	38,177	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2220-001-1	12.RD	U.S. Department of Defense	34,889	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2227-001-1	12.RD	U.S. Department of Defense	13,972	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2235-001-1	12.RD	U.S. Department of Defense	21,439	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2237-001-1	12.RD	U.S. Department of Defense	21,440	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SPECTRAL ENERGIES, LLC	SB2301-001-1	12.RD	U.S. Department of Defense	28,263	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	SOAR TECHNOLOGY, INC	SC-21-015	12.RD	U.S. Department of Defense	146,306	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STEEL FOUNDERS SOCIETY OF AMER	SPI009	12.RD	U.S. Department of Defense	103,790	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	BAE SYSTEMS ADVANCED TECHNOLOGIES, INC.	SUB NO. 1146893	12.RD	U.S. Department of Defense	299,192	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	HONEYWELL INC.	SUB10193	12.RD	U.S. Department of Defense	43,928	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00011570	12.RD	U.S. Department of Defense	171,080	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	TRITON SYSTEMS, INC	TSI-5065-22-20209038	12.RD	U.S. Department of Defense	17,445	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ-18-C-0021	12.RD	U.S. Department of Defense	-34,304	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ20C0020	12.RD	U.S. Department of Defense	327,785	0
Research and Development Cluster*	U.S. Department of Defense	Pass-Through	STRATEGIC ENVRNMTL RES & DEV PROGRAM	W912HQ23C0009	12.RD	U.S. Department of Defense	265,830	0
Research and Development Cluster*	U.S. Department of Defense				<b>Total - 12.RD</b>		<b>18,376,701</b>	<b>932,715</b>
Research and Development Cluster*	<b>Total - U.S. Department of Defense</b>						<b>72,198,609</b>	<b>12,146,495</b>
Research and Development Cluster*	Housing & Urban Development	Pass-Through	VIRGINIA TECH	451625-19084	14.906	Healthy Homes Technical Studies Grants	-348	0
Research and Development Cluster*	<b>Total - Housing &amp; Urban Development</b>						<b>-348</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Interior	Direct			15.246	BLM CA Threatened and Endangered Species	29,932	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.506	Water Desalination Research and Development Program	80,296	15,666
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #60805	15.605	Sport Fish Restoration	62,822	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.608	Fish and Wildlife Management Assistance	45,228	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TEXAS PARKS AND WILDLIFE DEPARTMENT	CA-0004020	15.611	Wildlife Restoration	166,058	118,500
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #27739	15.611	Wildlife Restoration	162,670	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #47460	15.611	Wildlife Restoration	46,145	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT #48711	15.611	Wildlife Restoration	241,677	10,452
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT ID 25141	15.611	Wildlife Restoration	1,748	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT NO 52496	15.611	Wildlife Restoration	625	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 71798	15.611	Wildlife Restoration	12,386	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	GRANT #46038	15.611	Wildlife Restoration	26,132	0
Research and Development Cluster*	U.S. Department of Interior				<b>Total - 15.611</b>		<b>657,441</b>	<b>128,952</b>

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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	KENTUCKY DEPT.-FISH & WILDLIFE RESOURCES	2300001985	15.615	Cooperative Endangered Species Conservation Fund	30,304	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TOLEDO ZOO AND AQUARIUM	18112181	15.634	State Wildlife Grants	3,059	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TOLEDO ZOO AND AQUARIUM	21101967	15.634	State Wildlife Grants	33,244	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	62431	15.634	State Wildlife Grants	43,055	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	66097	15.634	State Wildlife Grants	80,420	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT ID 23557	15.634	State Wildlife Grants	259	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	CONTRACT# 62185	15.634	State Wildlife Grants	48,732	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	GRANT: 00035792	15.634	State Wildlife Grants	178,563	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	TEXAS A&M UNIVERSITY	M2300860	15.634	State Wildlife Grants	564	0
Research and Development Cluster*	U.S. Department of Interior				<b>Total - 15.634</b>		<b>387,896</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Interior	Direct			15.678	Cooperative Ecosystem Studies Units	82,079	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.805	Assistance to State Water Resources Research Institutes	307,644	120,106
Research and Development Cluster*	U.S. Department of Interior	Direct			15.808	U.S. Geological Survey_ Research and Data Collection	66,778	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	AMERICAVIEW INC	AV18-IN-01	15.815	National Land Remote Sensing_Education Outreach and Research	26,213	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	IN DIV/HISTORIC PRESERV & ARCHAEOLOGY	65951	15.904	Historic Preservation Fund Grants-In-Aid	32,056	0
Research and Development Cluster*	U.S. Department of Interior	Direct			15.945	Cooperative Research and Training Programs – Resources of the National Park Syst	10,865	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0220F0338	15.RD	U.S. Department of Interior	8,696	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0221F0033	15.RD	U.S. Department of Interior	-360	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0222F0136	15.RD	U.S. Department of Interior	8,572	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0222F0202	15.RD	U.S. Department of Interior	17,779	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0318P0283	15.RD	U.S. Department of Interior	23,777	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0318P0326	15.RD	U.S. Department of Interior	2,713	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0320P0068	15.RD	U.S. Department of Interior	10,900	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0320P0193	15.RD	U.S. Department of Interior	-9	0
Research and Development Cluster*	U.S. Department of Interior	Direct		140G0321P0167	15.RD	U.S. Department of Interior	41,005	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	DELTA STEWARDSHIP COUNCIL	DSC-21007A1	15.RD	U.S. Department of Interior	151,393	0
Research and Development Cluster*	U.S. Department of Interior	Pass-Through	NATURE CONSERVANCY, THE	P103716-A106153	15.RD	U.S. Department of Interior	3,159	0
Research and Development Cluster*	U.S. Department of Interior				<b>Total - 15.RD</b>		<b>267,625</b>	<b>0</b>
Research and Development Cluster*	<b>Total - U.S. Department of Interior</b>						<b>2,087,179</b>	<b>264,724</b>
Research and Development Cluster*	U.S. Department of Justice	Direct			16.543	Missing Children's Assistance	354,771	2,462
Research and Development Cluster*	U.S. Department of Justice	Direct			16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	951,755	446,016
Research and Development Cluster*	U.S. Department of Justice	Pass-Through	FLORIDA STATE UNIVERSITY	R000002974	16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	62,852	0
Research and Development Cluster*	U.S. Department of Justice				<b>Total - 16.560</b>		<b>1,014,607</b>	<b>446,016</b>

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Purdue University  
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Research and Development Cluster*	<b>Total - U.S. Department of Justice</b>						<b>1,369,378</b>	<b>448,478</b>
Research and Development Cluster*	U.S. Department of Labor	Direct			17.502	Occupational Safety and Health_Susan Harwood Training Grants	32,252	0
Research and Development Cluster*	<b>Total - U.S. Department of Labor</b>						<b>32,252</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of State	Pass-Through	CRDF GLOBAL	G-202105-67839	19.878	EUR-Other	54,139	14,561
Research and Development Cluster*	<b>Total - U.S. Department of State</b>						<b>54,139</b>	<b>14,561</b>
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.109	Air Transportation Centers of Excellence	1,229,487	0
Research and Development Cluster*	U.S. Department of Transportation	Direct			20.200	Highway Research & Development Program	310,752	181,297
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	2019-2023 APPROPRIATION	20.200	Highway Research & Development Program	254,720	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	2042	20.200	Highway Research & Development Program	8,700	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	21090504	20.200	Highway Research & Development Program	31	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	22101424	20.200	Highway Research & Development Program	44,731	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	EDS# A249-20-ON200001	20.200	Highway Research & Development Program	173,652	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NATIONAL ACADEMY OF SCIENCES	HR 12-118	20.200	Highway Research & Development Program	122,994	52,348
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	PO00800-0020092869	20.200	Highway Research & Development Program	72,945	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-2352/4345	20.200	Highway Research & Development Program	58,473	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-3727; 4798	20.200	Highway Research & Development Program	516,970	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4153	20.200	Highway Research & Development Program	6,963	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4225	20.200	Highway Research & Development Program	29,121	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4234	20.200	Highway Research & Development Program	21,099	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4251	20.200	Highway Research & Development Program	746,970	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4252	20.200	Highway Research & Development Program	28,038	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4325	20.200	Highway Research & Development Program	24,018	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4327	20.200	Highway Research & Development Program	59,006	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4329	20.200	Highway Research & Development Program	39,328	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4332	20.200	Highway Research & Development Program	15,229	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4334	20.200	Highway Research & Development Program	-2,564	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4336	20.200	Highway Research & Development Program	1,934	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4407	20.200	Highway Research & Development Program	5,268	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4413	20.200	Highway Research & Development Program	6	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4415	20.200	Highway Research & Development Program	19,443	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4418	20.200	Highway Research & Development Program	5,230	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4420	20.200	Highway Research & Development Program	6,037	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4430	20.200	Highway Research & Development Program	57,269	0

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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4431	20.200	Highway Research & Development Program	56,627	56,627
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4432	20.200	Highway Research & Development Program	6,198	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4433	20.200	Highway Research & Development Program	60,075	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4438	20.200	Highway Research & Development Program	75,162	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4439	20.200	Highway Research & Development Program	-3,183	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4442	20.200	Highway Research & Development Program	13,999	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4443	20.200	Highway Research & Development Program	82,904	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4445	20.200	Highway Research & Development Program	244,615	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4450	20.200	Highway Research & Development Program	115,762	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4509	20.200	Highway Research & Development Program	58,956	24,994
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4511	20.200	Highway Research & Development Program	41,214	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4512	20.200	Highway Research & Development Program	289	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4513	20.200	Highway Research & Development Program	92,628	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4514	20.200	Highway Research & Development Program	45,778	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4516	20.200	Highway Research & Development Program	181,020	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4518	20.200	Highway Research & Development Program	70,973	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4521	20.200	Highway Research & Development Program	141,134	11,620
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4522	20.200	Highway Research & Development Program	-2,650	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4523	20.200	Highway Research & Development Program	12,978	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4524	20.200	Highway Research & Development Program	5,352	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4526	20.200	Highway Research & Development Program	65,291	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4527	20.200	Highway Research & Development Program	28,021	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4535	20.200	Highway Research & Development Program	39,738	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4536	20.200	Highway Research & Development Program	101,927	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4537	20.200	Highway Research & Development Program	32,268	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4540	20.200	Highway Research & Development Program	35,614	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4541	20.200	Highway Research & Development Program	-48,217	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4542	20.200	Highway Research & Development Program	1,409	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4547	20.200	Highway Research & Development Program	1,618	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4548	20.200	Highway Research & Development Program	11,226	11,226
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4549	20.200	Highway Research & Development Program	223,595	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4600	20.200	Highway Research & Development Program	65,390	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4601	20.200	Highway Research & Development Program	112,490	0

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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4603	20.200	Highway Research & Development Program	126,373	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4605	20.200	Highway Research & Development Program	83,333	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4606	20.200	Highway Research & Development Program	126,900	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4607	20.200	Highway Research & Development Program	176,383	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4608	20.200	Highway Research & Development Program	172,457	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4609	20.200	Highway Research & Development Program	217,341	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4610	20.200	Highway Research & Development Program	17,468	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4615	20.200	Highway Research & Development Program	70,984	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4616	20.200	Highway Research & Development Program	72,321	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4619	20.200	Highway Research & Development Program	56,941	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4620	20.200	Highway Research & Development Program	85,643	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4622	20.200	Highway Research & Development Program	12,222	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4623	20.200	Highway Research & Development Program	121,826	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4625	20.200	Highway Research & Development Program	111,826	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4628	20.200	Highway Research & Development Program	69,368	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4629	20.200	Highway Research & Development Program	132,835	1,204
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4630	20.200	Highway Research & Development Program	49,332	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4631	20.200	Highway Research & Development Program	82,093	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4634	20.200	Highway Research & Development Program	74,482	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4635	20.200	Highway Research & Development Program	72,034	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4636	20.200	Highway Research & Development Program	19,371	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4637	20.200	Highway Research & Development Program	60,006	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4638	20.200	Highway Research & Development Program	93,374	93,374
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4639	20.200	Highway Research & Development Program	221,320	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4640	20.200	Highway Research & Development Program	89,450	72,418
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4642	20.200	Highway Research & Development Program	47,762	47,762
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4646	20.200	Highway Research & Development Program	97,619	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4651	20.200	Highway Research & Development Program	97,401	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4652	20.200	Highway Research & Development Program	12,898	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4701	20.200	Highway Research & Development Program	57,927	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4702	20.200	Highway Research & Development Program	90,495	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4704	20.200	Highway Research & Development Program	38,407	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4706	20.200	Highway Research & Development Program	36,389	0

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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4710	20.200	Highway Research & Development Program	33,645	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4711	20.200	Highway Research & Development Program	24,023	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4713	20.200	Highway Research & Development Program	6,886	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4714	20.200	Highway Research & Development Program	25,071	25,071
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4715	20.200	Highway Research & Development Program	39,696	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4716	20.200	Highway Research & Development Program	63,406	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4717	20.200	Highway Research & Development Program	15,716	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4718	20.200	Highway Research & Development Program	11,797	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4720	20.200	Highway Research & Development Program	54,771	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4724	20.200	Highway Research & Development Program	63,386	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4727	20.200	Highway Research & Development Program	9,901	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4728	20.200	Highway Research & Development Program	12,358	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4729	20.200	Highway Research & Development Program	76,552	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4730	20.200	Highway Research & Development Program	49,782	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4732	20.200	Highway Research & Development Program	37,521	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4733	20.200	Highway Research & Development Program	22,151	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4734	20.200	Highway Research & Development Program	39,401	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4735	20.200	Highway Research & Development Program	90,942	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4736	20.200	Highway Research & Development Program	98,723	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4737	20.200	Highway Research & Development Program	96,061	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4738	20.200	Highway Research & Development Program	59,390	59,390
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4739	20.200	Highway Research & Development Program	98,790	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4741	20.200	Highway Research & Development Program	59,306	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4742	20.200	Highway Research & Development Program	34,829	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4743	20.200	Highway Research & Development Program	21,588	21,588
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4744	20.200	Highway Research & Development Program	28,536	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4751	20.200	Highway Research & Development Program	24,301	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4801	20.200	Highway Research & Development Program	285	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00013981	20.200	Highway Research & Development Program	119,727	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5 (471)	20.200	Highway Research & Development Program	213,603	210,002
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(281)	20.200	Highway Research & Development Program	360,066	17,509
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(377)	20.200	Highway Research & Development Program	72,646	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(387)	20.200	Highway Research & Development Program	125,030	0

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Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	TPF-5(436)	20.200	Highway Research & Development Program	100,885	0
Research and Development Cluster*	U.S. Department of Transportation				<b>Total - 20.200</b>		<b>9,681,916</b>	<b>886,430</b>
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MARYLAND	108765-Z9815203	20.205	Highway Planning and Construction	52,670	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NEVADA DEPT OF TRANSPORTATION	P302-19-803	20.205	Highway Planning and Construction	24,864	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	WY DEPARTMENT OF TRANSPORTATION	RS07220 2022	20.205	Highway Planning and Construction	11,625	0
Research and Development Cluster*	U.S. Department of Transportation				<b>Total - 20.205</b>		<b>89,159</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	56882	20.600	State and Community Highway Safety	134,471	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	71300	20.600	State and Community Highway Safety	143,008	0
Research and Development Cluster*	U.S. Department of Transportation				<b>Total - 20.600</b>		<b>277,479</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	CONTRACT #00061557	20.616	National Priority Safety Program	168,846	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN CRIMINAL JUSTICE INSTITUTE	CONTRACT #72477	20.616	National Priority Safety Program	157,914	0
Research and Development Cluster*	U.S. Department of Transportation				<b>Total - 20.616</b>		<b>326,760</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	UNIVERSITY OF MICHIGAN	3004631368	20.701	University Transportation Centers Program	698,822	109,618
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NORTH DAKOTA STATE UNIVERSITY	FAR0036229	20.724	Pipeline Safety Research Competitive Academic Agreement Program	12,296	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		693JJ321C000034	20.RD	U.S. Department of Transportation	80,963	5,407
Research and Development Cluster*	U.S. Department of Transportation	Direct		693JJ620C000032	20.RD	U.S. Department of Transportation	4,814	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		DOT-DESIGN_2021	20.RD	U.S. Department of Transportation	115,737	0
Research and Development Cluster*	U.S. Department of Transportation	Direct		HR 20-05(51-07)	20.RD	U.S. Department of Transportation	57	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	00800-0020090963	20.RD	U.S. Department of Transportation	213,643	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	CAMBRIDGE SYSTEMATICS INC	160140.029	20.RD	U.S. Department of Transportation	-1,400	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	ROLLS-ROYCE CORPORATION	22067952	20.RD	U.S. Department of Transportation	168,426	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	22111554	20.RD	U.S. Department of Transportation	9,000	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	FLIGHTPROFILER LLC	23089448	20.RD	U.S. Department of Transportation	51,968	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	STATE OF SOUTH CAROLINA	4400022446	20.RD	U.S. Department of Transportation	-3,390	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NATIONAL ACADEMY OF SCIENCES	ACRP A03-62	20.RD	U.S. Department of Transportation	92,780	55,539
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NATIONAL ACADEMY OF SCIENCES	ACRP A11-03(S01-27)	20.RD	U.S. Department of Transportation	44,295	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4731	20.RD	U.S. Department of Transportation	29,796	0
Research and Development Cluster*	U.S. Department of Transportation	Pass-Through	NATIONAL ACADEMY OF ENGINEERING	SUB0001608	20.RD	U.S. Department of Transportation	-185	0
Research and Development Cluster*	U.S. Department of Transportation				<b>Total - 20.RD</b>		<b>806,504</b>	<b>60,946</b>
Research and Development Cluster*	<b>Total - U.S. Department of Transportation</b>						<b>13,122,423</b>	<b>1,056,994</b>
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.001	Science	3,908,696	428,946
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTHERN ARIZONA UNIVERSITY	1004540-01	43.001	Science	6,967	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	PLANETARY SCIENCE INSTITUTE	1612-PU	43.001	Science	9,687	0

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Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1657892	43.001	Science	-344	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1681089	43.001	Science	82,168	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688677	43.001	Science	17,166	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1688742	43.001	Science	30,768	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1689676	43.001	Science	15,800	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	66016A16	43.001	Science	66,834	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MISSOURI-COLUMBIA	C00077406-1	43.001	Science	71,102	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	TEXAS A&M UNIVERSITY	M1900178	43.001	Science	55,759	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	Q99011EH	43.001	Science	22,774	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF HOUSTON	R-22-0100	43.001	Science	99,677	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CALIFORNIA-RIVERSIDE	S-001435	43.001	Science	84,731	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5011	43.001	Science	40,788	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPECTRAL ENERGIES, LLC	SB2215-001-1	43.001	Science	32,787	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTA22-000021	43.001	Science	33,423	0
Research and Development Cluster*	National Aeronautics & Space Administration				<b>Total - 43.001</b>		<b>4,578,783</b>	<b>428,946</b>
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.002	Aeronautics	792,138	417,953
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16306A16	43.002	Aeronautics	197,053	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	220072B	43.002	Aeronautics	699,253	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-100719-G2	43.002	Aeronautics	14,311	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF TEXAS AT AUSTIN	UTA21-000384	43.002	Aeronautics	186,730	0
Research and Development Cluster*	National Aeronautics & Space Administration				<b>Total - 43.002</b>		<b>1,889,485</b>	<b>417,953</b>
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.003	Exploration	106,856	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MASSACHUSETTS GENERAL HOSPITAL	236987	43.003	Exploration	17,913	0
Research and Development Cluster*	National Aeronautics & Space Administration				<b>Total - 43.003</b>		<b>124,769</b>	<b>0</b>
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.007	Space Operations	64,904	38,109
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.009	Cross Agency Support	1,143	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct			43.012	Space Technology	4,767,229	1,436,561
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	RENSSELAER POLYTECHNIC INSTITUTE	A20-0091-S001	43.012	Space Technology	27,207	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	TEXAS A&M UNIVERSITY	M2203786	43.012	Space Technology	3,264	0
Research and Development Cluster*	National Aeronautics & Space Administration				<b>Total - 43.012</b>		<b>4,797,700</b>	<b>1,436,561</b>
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		1547388	43.RD	National Aeronautics & Space Administration	30,008	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80GRC018C0055	43.RD	National Aeronautics & Space Administration	63,576	0
Research and Development Cluster*	National Aeronautics & Space Administration	Direct		80NSSC22P0200	43.RD	National Aeronautics & Space Administration	6,791	0

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Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SOFTINWAY INC	1422-03-SA1	43.RD	National Aeronautics & Space Administration	105,964	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ARIZONA STATE UNIVERSITY	15-704	43.RD	National Aeronautics & Space Administration	328,703	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	164329	43.RD	National Aeronautics & Space Administration	16,337	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1670452	43.RD	National Aeronautics & Space Administration	48,037	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1679870	43.RD	National Aeronautics & Space Administration	46,331	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1691738	43.RD	National Aeronautics & Space Administration	13,971	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS	169181	43.RD	National Aeronautics & Space Administration	13,737	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	VESTIGO AEROSPACE	20089549	43.RD	National Aeronautics & Space Administration	58,687	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ROBUST ANALYTICS	20122881	43.RD	National Aeronautics & Space Administration	7,731	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MMA DESIGN LLC	2021-193-ST SOW 7110-01	43.RD	National Aeronautics & Space Administration	5,710	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MUDAWAR THERMAL SYSTEMS	21068216	43.RD	National Aeronautics & Space Administration	11,219	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ANALYSWIFT LLC	21078753	43.RD	National Aeronautics & Space Administration	2,651	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	MUDAWAR THERMAL SYSTEMS	22067958	43.RD	National Aeronautics & Space Administration	62,492	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ANALYSWIFT LLC	22090162	43.RD	National Aeronautics & Space Administration	47,433	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	P. C. KRAUSE AND ASSOCIATES, INC.	22100788	43.RD	National Aeronautics & Space Administration	40,000	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ANALYSWIFT LLC	22122947	43.RD	National Aeronautics & Space Administration	3,236	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MICHIGAN	3002485426	43.RD	National Aeronautics & Space Administration	-14,049	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF ARIZONA	366623	43.RD	National Aeronautics & Space Administration	18,909	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF ARIZONA	CONTRACT# NNM10AA11C	43.RD	National Aeronautics & Space Administration	19,794	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	FRONTIER AEROSPACE CORPORATION	FAD000744	43.RD	National Aeronautics & Space Administration	110,034	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-15995.005-A	43.RD	National Aeronautics & Space Administration	14,288	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	HST-GO-16165.008-A	43.RD	National Aeronautics & Space Administration	11,213	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPACE TELESCOPE SCIENCE INSTITUTE	JWST-GO-01947.001-A	43.RD	National Aeronautics & Space Administration	38,768	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	FREEDOM PHOTONICS, LLC.	S-7210-PURDUE	43.RD	National Aeronautics & Space Administration	2,606	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SPECTRAL ENERGIES, LLC	SB2102-001-1	43.RD	National Aeronautics & Space Administration	58,887	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	SETI INSTITUTE	SC 3447	43.RD	National Aeronautics & Space Administration	11,729	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015917	43.RD	National Aeronautics & Space Administration	95,464	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	NATIONAL INSTITUTE OF AEROSPACE	T16-6500-PU TO 602022	43.RD	National Aeronautics & Space Administration	172,914	0
Research and Development Cluster*	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	TEAMS3-PURDUE	43.RD	National Aeronautics & Space Administration	12,063	0
Research and Development Cluster*	National Aeronautics & Space Administration				<b>Total - 43.RD</b>		<b>1,465,234</b>	<b>0</b>
Research and Development Cluster*	<b>Total - National Aeronautics &amp; Space Administration</b>						<b>12,922,018</b>	<b>2,321,569</b>
Research and Development Cluster*	National Endowment for the Arts & Humanities	Direct			45.149	Promotion of the Humanities_Division of Preservation and Access	1,940	0
Research and Development Cluster*	National Endowment for the Arts & Humanities	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-0512-0120-002	45.149	Promotion of the Humanities_Division of Preservation and Access	5,954	0

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

Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Endowment for the Arts & Humanities				<b>Total - 45.149</b>		<b>7,894</b>	<b>0</b>
Research and Development Cluster*	National Endowment for the Arts & Humanities	Direct			45.313	Laura Bush 21st Century Librarian Program	93,902	0
Research and Development Cluster*	National Endowment for the Arts & Humanities	Pass-Through	WESTERN CAROLINA UNIVERSITY	P22-032-SUB-01	45.313	Laura Bush 21st Century Librarian Program	27,859	0
Research and Development Cluster*	National Endowment for the Arts & Humanities				<b>Total - 45.313</b>		<b>121,761</b>	<b>0</b>
Research and Development Cluster*	<b>Total - National Endowment for the Arts &amp; Humanities</b>						<b>129,655</b>	<b>0</b>
Research and Development Cluster*	National Science Foundation	Direct			47.041	Engineering Grants	23,741,611	5,191,467
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	1000 G WD515	47.041	Engineering Grants	-17	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ZEROUI, INC	15121126	47.041	Engineering Grants	-42,315	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CONNECTICUT	157075239	47.041	Engineering Grants	49,913	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AUBURN UNIVERSITY	17-ENG-200641-PU	47.041	Engineering Grants	10,481	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NUTRAMAIZE	19089464	47.041	Engineering Grants	13,715	0
Research and Development Cluster*	National Science Foundation	Pass-Through	QCML LABS, LLC	20090076	47.041	Engineering Grants	-32,094	0
Research and Development Cluster*	National Science Foundation	Pass-Through	BDYWR, LLC	20122641	47.041	Engineering Grants	27,861	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2019-0901-01	47.041	Engineering Grants	4,432	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UTAH STATE UNIVERSITY	203085-731	47.041	Engineering Grants	1,207,133	0
Research and Development Cluster*	National Science Foundation	Pass-Through	RCAM TECHNOLOGIES	21057784	47.041	Engineering Grants	9,247	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF SOUTH FLORIDA	2106-1331-00-A	47.041	Engineering Grants	126,288	0
Research and Development Cluster*	National Science Foundation	Pass-Through	IF, LLC	21090367	47.041	Engineering Grants	85,118	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ZS SYSTEMS, LLC	21090636	47.041	Engineering Grants	10,462	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	3004362735	47.041	Engineering Grants	-12,645	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN UNIVERSITY	31663-A220027-S14	47.041	Engineering Grants	17,573	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480081-19084	47.041	Engineering Grants	36,533	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF PENNSYLVANIA	585700	47.041	Engineering Grants	995,868	0
Research and Development Cluster*	National Science Foundation	Pass-Through	AMERICAN SOCIETY FOR ENGINEERING EDUC	769-2055	47.041	Engineering Grants	125,148	0
Research and Development Cluster*	National Science Foundation	Pass-Through	RENSSELAER POLYTECHNIC INSTITUTE	A21-0044-S-001	47.041	Engineering Grants	18,589	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VALGOTECH LLC	NSF-21057822-02	47.041	Engineering Grants	162,567	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF BUFFALO	R1294352	47.041	Engineering Grants	19,477	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CALIFORNIA STATE UNIVERSITY FRESNO	SC360453-18-01	47.041	Engineering Grants	39,511	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00012978	47.041	Engineering Grants	478,926	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00015196	47.041	Engineering Grants	27,635	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF DELAWARE	UDR0000163	47.041	Engineering Grants	123,451	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.041</b>		<b>27,244,468</b>	<b>5,191,467</b>
Research and Development Cluster*	National Science Foundation	Direct			47.049	Mathematical and Physical Sciences	12,553,243	59,465

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Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WYOMING	1005638-PURDUE	47.049	Mathematical and Physical Sciences	82,213	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CARNEGIE-MELLON UNIVERSITY	1123266-388661	47.049	Mathematical and Physical Sciences	18,745	0
Research and Development Cluster*	National Science Foundation	Pass-Through	HARVARD UNIVERSITY	134149-5113572	47.049	Mathematical and Physical Sciences	133,272	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-0521-0244-013	47.049	Mathematical and Physical Sciences	649,576	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NEW MEXICO	271699-87V3	47.049	Mathematical and Physical Sciences	1,478	0
Research and Development Cluster*	National Science Foundation	Pass-Through	DUKE UNIVERSITY	333-2726	47.049	Mathematical and Physical Sciences	677	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MOLECULAR SCIENCES SOFTWARE INST	480718-19084	47.049	Mathematical and Physical Sciences	79,517	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTHEASTERN UNIVERSITY	512070-78050	47.049	Mathematical and Physical Sciences	4,438	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF PENNSYLVANIA	577550	47.049	Mathematical and Physical Sciences	7,375	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20682	47.049	Mathematical and Physical Sciences	1,648	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CORNELL UNIVERSITY	79433-20683	47.049	Mathematical and Physical Sciences	831,904	0
Research and Development Cluster*	National Science Foundation	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000730	47.049	Mathematical and Physical Sciences	28,811	0
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	CON-80003109(GR113508)	47.049	Mathematical and Physical Sciences	88,910	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NEW JERSEY INSTITUTE OF TECHNOLOGY	NJIT INDEX 997886	47.049	Mathematical and Physical Sciences	37,750	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PRINCETON UNIVERSITY	SUB0000181	47.049	Mathematical and Physical Sciences	-1,282	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.049</b>		<b>14,518,275</b>	<b>59,465</b>
Research and Development Cluster*	National Science Foundation	Direct			47.050	Geosciences	2,201,723	6,237
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101348-18071	47.050	Geosciences	78,496	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WISCONSIN-EAU CLAIRE	1918983-AGS	47.050	Geosciences	28,493	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480773-19084	47.050	Geosciences	30,204	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COLUMBIA UNIVERSITY	55B(GG009393-04	47.050	Geosciences	11,376	0
Research and Development Cluster*	National Science Foundation	Pass-Through	STONY BROOK UNIVERSITY	88933/11631412/2	47.050	Geosciences	153	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CALIFORNIA INSTITUTE OF TECHNOLOGY	S593329	47.050	Geosciences	39,636	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.050</b>		<b>2,390,081</b>	<b>6,237</b>
Research and Development Cluster*	National Science Foundation	Direct			47.070	Computer and Information Science and Engineering	16,426,906	229,587
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	0145 G ZA592	47.070	Computer and Information Science and Engineering	37,195	0
Research and Development Cluster*	National Science Foundation	Pass-Through	IOWA STATE UNIVERSITY	017917B	47.070	Computer and Information Science and Engineering	25,338	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	083842-16071	47.070	Computer and Information Science and Engineering	238,518	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106203-18636	47.070	Computer and Information Science and Engineering	423,833	0
Research and Development Cluster*	National Science Foundation	Pass-Through	THE KRELL INSTITUTE	2154495-03	47.070	Computer and Information Science and Engineering	9,911	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	480299-19084	47.070	Computer and Information Science and Engineering	61,096	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTHWESTERN UNIVERSITY	60054249 PURDUE	47.070	Computer and Information Science and Engineering	-578	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	78283280-011	47.070	Computer and Information Science and Engineering	45,701	0

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Research and Development Cluster*	National Science Foundation	Pass-Through	STONY BROOK UNIVERSITY	87901/2/1160759	47.070	Computer and Information Science and Engineering	5,309	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MINNESOTA	A006581302	47.070	Computer and Information Science and Engineering	5,016	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SANTA CRUZ	A21-0568-S002 P0756393	47.070	Computer and Information Science and Engineering	84,232	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PLATFORMS FOR ADVCD WIRELESS RES	AERPAW PH2 TO 1	47.070	Computer and Information Science and Engineering	49,898	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CNS2123180-CRA-PURDUE	47.070	Computer and Information Science and Engineering	20,352	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	CSGRD4RS2-PURDUE	47.070	Computer and Information Science and Engineering	19,238	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-032	47.070	Computer and Information Science and Engineering	49,984	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	KR 705565	47.070	Computer and Information Science and Engineering	37,252	0
Research and Development Cluster*	National Science Foundation	Pass-Through	OHIO STATE UNIVERSITY	SPC1000005450/GR124626	47.070	Computer and Information Science and Engineering	220,261	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00014127	47.070	Computer and Information Science and Engineering	108,874	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13244	47.070	Computer and Information Science and Engineering	231,970	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.070</b>		<b>18,100,306</b>	<b>229,587</b>
Research and Development Cluster*	National Science Foundation	Direct			47.074	Biological Sciences	9,587,543	1,319,459
Research and Development Cluster*	National Science Foundation	Pass-Through	OKLAHOMA STATE UNIVERSITY	2-580411.PURDUE1	47.074	Biological Sciences	117,758	0
Research and Development Cluster*	National Science Foundation	Pass-Through	SPIRROW THERAPEUTICS LLC	20101411	47.074	Biological Sciences	2	0
Research and Development Cluster*	National Science Foundation	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23218-P	47.074	Biological Sciences	29,424	0
Research and Development Cluster*	National Science Foundation	Pass-Through	NORTH CAROLINA A & T UNIVERSITY	260386A	47.074	Biological Sciences	47,290	0
Research and Development Cluster*	National Science Foundation	Pass-Through	WIDENER UNIVERSITY	33426-1	47.074	Biological Sciences	11,160	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COLD SPRING HARBOR LABORATORY	52670216	47.074	Biological Sciences	67,675	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ARIZONA	646436	47.074	Biological Sciences	101,976	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-022	47.074	Biological Sciences	4,968	0
Research and Development Cluster*	National Science Foundation	Pass-Through	YALE UNIVERSITY	GR111131(CON-800002649)	47.074	Biological Sciences	3,520	2,551
Research and Development Cluster*	National Science Foundation	Pass-Through	MICHIGAN STATE UNIVERSITY	RC110240PU	47.074	Biological Sciences	114,485	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PRINCETON UNIVERSITY	SUB0000572	47.074	Biological Sciences	14,327	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.074</b>		<b>10,100,128</b>	<b>1,322,010</b>
Research and Development Cluster*	National Science Foundation	Direct			47.075	Social, Behavioral, and Economic Sciences	1,411,975	313,797
Research and Development Cluster*	National Science Foundation	Pass-Through	INDIANA UNIVERSITY	7891	47.075	Social, Behavioral, and Economic Sciences	1,706	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF IOWA	S04060-01	47.075	Social, Behavioral, and Economic Sciences	19,617	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.075</b>		<b>1,433,298</b>	<b>313,797</b>
Research and Development Cluster*	National Science Foundation	Direct			47.076	Education and Human Resources	9,137,917	423,250
Research and Development Cluster*	National Science Foundation	Pass-Through	FLORIDA KEYS COMMUNITY COLLEGE	1928591-01	47.076	Education and Human Resources	145,609	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PASADENA CITY COLLEGE	2000281PURDUE-PACCD B210	47.076	Education and Human Resources	57,501	0
Research and Development Cluster*	National Science Foundation	Pass-Through	INSTITUTE FOR FUTURE INTELLIGENCE	2131097	47.076	Education and Human Resources	43,906	0

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Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF NOTRE DAME	22090588	47.076	Education and Human Resources	3,091	0
Research and Development Cluster*	National Science Foundation	Pass-Through	THE CONCORD CONSORTIUM INC	299-01	47.076	Education and Human Resources	957	0
Research and Development Cluster*	National Science Foundation	Pass-Through	VIRGINIA TECH	480963-19084	47.076	Education and Human Resources	1,755	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF MONTANA	PG20-66254-01	47.076	Education and Human Resources	2,713	0
Research and Development Cluster*	National Science Foundation	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S000601-NSF	47.076	Education and Human Resources	21,776	0
Research and Development Cluster*	National Science Foundation	Pass-Through	SINCLAIR COMMUNITY COLLEGE	SCC-1700531	47.076	Education and Human Resources	6,122	0
Research and Development Cluster*	National Science Foundation	Pass-Through	OHIO STATE UNIVERSITY	SPC1000006142/GR125910	47.076	Education and Human Resources	27,656	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.076</b>		<b>9,449,003</b>	<b>423,250</b>
Research and Development Cluster*	National Science Foundation	Direct			47.078	Polar Programs	163,593	0
Research and Development Cluster*	National Science Foundation	Direct			47.079	International Science and Engineering (OISE)	531,854	44,945
Research and Development Cluster*	National Science Foundation	Pass-Through	ARIZONA STATE UNIVERSITY	ASUB00000616	47.079	International Science and Engineering (OISE)	23,741	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.079</b>		<b>555,595</b>	<b>44,945</b>
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF CINCINNATI	013204-002	47.083	Office of Integrative Activities	1,359	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF WYOMING	20101048	47.083	Office of Integrative Activities	1,480	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF ARIZONA	642009	47.083	Office of Integrative Activities	26,181	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.083</b>		<b>29,020</b>	<b>0</b>
Research and Development Cluster*	National Science Foundation	Direct			47.084	NSF Technology, Innovation and Partnerships	743,080	0
Research and Development Cluster*	National Science Foundation	Pass-Through	GYROPALM LLC	22025515	47.084	NSF Technology, Innovation and Partnerships	68,312	0
Research and Development Cluster*	National Science Foundation	Pass-Through	LIFESPAN DIGITAL HEALTH, LLC	22057635	47.084	NSF Technology, Innovation and Partnerships	83,350	0
Research and Development Cluster*	National Science Foundation	Pass-Through	GEORGE MASON UNIVERSITY	E2061824	47.084	NSF Technology, Innovation and Partnerships	3	0
Research and Development Cluster*	National Science Foundation	Pass-Through	UNIVERSITY OF KANSAS	FY2023-006	47.084	NSF Technology, Innovation and Partnerships	190,984	0
Research and Development Cluster*	National Science Foundation	Pass-Through	MONTEREY BAY AQUARIUM RES INST	PO 2310240	47.084	NSF Technology, Innovation and Partnerships	49,809	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.084</b>		<b>1,135,538</b>	<b>0</b>
Research and Development Cluster*	National Science Foundation	Direct		2052860-CHE	47.RD	National Science Foundation	53,522	0
Research and Development Cluster*	National Science Foundation	Direct		2053097	47.RD	National Science Foundation	10,680	0
Research and Development Cluster*	National Science Foundation	Direct		21035873	47.RD	National Science Foundation	7,417	0
Research and Development Cluster*	National Science Foundation	Direct		21036089	47.RD	National Science Foundation	6,880	0
Research and Development Cluster*	National Science Foundation	Direct		2140612-IIS	47.RD	National Science Foundation	235,323	0
Research and Development Cluster*	National Science Foundation	Direct		2217255	47.RD	National Science Foundation	228,868	0
Research and Development Cluster*	National Science Foundation	Direct		2243777-DEB	47.RD	National Science Foundation	171,182	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	2021CIF-PURDUE-12	47.RD	National Science Foundation	123,240	0
Research and Development Cluster*	National Science Foundation	Pass-Through	COMPUTING RESEARCH ASSOCIATION	2021CIF-PURDUE-13	47.RD	National Science Foundation	45,441	0
Research and Development Cluster*	National Science Foundation	Pass-Through	CENTER FOR BIOANALYTIC METROLOGY	307915PU-LINNES	47.RD	National Science Foundation	-7,808	0

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Research and Development Cluster*	National Science Foundation	Pass-Through	IBM	CW3565842	47.RD	National Science Foundation	77,594	0
Research and Development Cluster*	National Science Foundation				<b>Total - 47.RD</b>		<b>952,339</b>	<b>0</b>
Research and Development Cluster*	<b>Total - National Science Foundation</b>						<b>86,071,644</b>	<b>7,590,758</b>
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	23024755 - NTP	59.037	Small Business Development Center	108,387	0
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-2-SBA-1070	59.037	Small Business Development Center	96,197	0
Research and Development Cluster*	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	CARES ACTA229-1-SBA-1039	59.037	Small Business Development Center	17,204	0
Research and Development Cluster*	Small Business Administration				<b>Total - 59.037</b>		<b>221,788</b>	<b>0</b>
Research and Development Cluster*	<b>Total - Small Business Administration</b>						<b>221,788</b>	<b>0</b>
Research and Development Cluster*	Department of Veterans Affairs	Direct			64.009	Veterans Medical Care Benefits	-758	0
Research and Development Cluster*	Department of Veterans Affairs	Pass-Through	R.L. ROUDEBUSH VA MEDICAL CENTER	583D35052	64.009	Veterans Medical Care Benefits	28,162	0
Research and Development Cluster*	Department of Veterans Affairs	Pass-Through	R.L. ROUDEBUSH VA MEDICAL CENTER	583D35053	64.009	Veterans Medical Care Benefits	32,016	0
Research and Development Cluster*	Department of Veterans Affairs				<b>Total - 64.009</b>		<b>59,420</b>	<b>0</b>
Research and Development Cluster*	Department of Veterans Affairs	Direct		583D35037	64.RD	Department of Veteran's Affairs	6,159	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		583D35090	64.RD	Department of Veteran's Affairs	10,806	0
Research and Development Cluster*	Department of Veterans Affairs	Direct		583D35091	64.RD	Department of Veteran's Affairs	7,653	0
Research and Development Cluster*	Department of Veterans Affairs				<b>Total - 64.RD</b>		<b>24,618</b>	<b>0</b>
Research and Development Cluster*	<b>Total - Department of Veterans Affairs</b>						<b>84,038</b>	<b>0</b>
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	CONTRACT #42559	66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper	76,916	0
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	MICHIGAN DEPT OF NATURAL RESOURCES	FISH112020-1	66.469	Great Lakes Program	27,840	0
Research and Development Cluster*	Environmental Protection Agency	Direct			66.509	Science To Achieve Results (STAR) Research Program	465,648	239,082
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	NEW YORK UNIVERSITY	F1842-01	66.509	Science To Achieve Results (STAR) Research Program	200,616	0
Research and Development Cluster*	Environmental Protection Agency				<b>Total - 66.509</b>		<b>666,264</b>	<b>239,082</b>
Research and Development Cluster*	Environmental Protection Agency	Direct			66.511	Office of Research and Development Consolidated Research/Training	464,832	353,706
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	WATER ENVIRONMENT RESEARCH FOUNDATION	5137	66.511	Office of Research and Development Consolidated Research/Training	112,770	0
Research and Development Cluster*	Environmental Protection Agency				<b>Total - 66.511</b>		<b>577,602</b>	<b>353,706</b>
Research and Development Cluster*	Environmental Protection Agency	Direct			66.608	Environmental Information Exchange Network Grant Program and Related Assistance	101,542	0
Research and Development Cluster*	Environmental Protection Agency	Direct			66.714	Pesticide Environmental Stewardship Regional Grants	61,042	0
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	AMEC	16098772	66.RD	Environmental Protection Agency	1,174	0
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	WOOD ENVRNT & INFRAS SOLUTIONS INC	F013201000	66.RD	Environmental Protection Agency	7,858	0
Research and Development Cluster*	Environmental Protection Agency	Pass-Through	PEGASUS TECHNICAL SERVICES INC	PUR-20-001	66.RD	Environmental Protection Agency	1	0
Research and Development Cluster*	Environmental Protection Agency				<b>Total - 66.RD</b>		<b>9,033</b>	<b>0</b>
Research and Development Cluster*	<b>Total - Environmental Protection Agency</b>						<b>1,520,239</b>	<b>592,788</b>
Research and Development Cluster*	Nuclear Regulatory Commission	Direct			77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	478,734	0

\* denotes major programs  
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Purdue University  
Schedule of Expenditures of Federal Awards  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	AUBURN UNIVERSITY	22-CIVENG-213503-PURDUE	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	6,522	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	AUBURN UNIVERSITY	23-MREC-213502-PURDUE	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	7,434	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	KANSAS STATE UNIVERSITY	A22-0262-S002	77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	33,185	0
Research and Development Cluster*	Nuclear Regulatory Commission				<b>Total - 77.008</b>		<b>525,875</b>	<b>0</b>
Research and Development Cluster*	Nuclear Regulatory Commission	Direct		31310022P0034	77.RD	Nuclear Regulatory Commission	11,468	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	NRC 31310020D0015	77.RD	Nuclear Regulatory Commission	72,838	0
Research and Development Cluster*	Nuclear Regulatory Commission	Pass-Through	ENERGY RESEARCH INC.	TO 31310022F0109 TO 4	77.RD	Nuclear Regulatory Commission	27,014	0
Research and Development Cluster*	Nuclear Regulatory Commission				<b>Total - 77.RD</b>		<b>111,320</b>	<b>0</b>
Research and Development Cluster*	<b>Total - Nuclear Regulatory Commission</b>						<b>637,195</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.049	Office of Science Financial Assistance Program	10,081,964	784,865
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE-MELLON UNIVERSITY	1070142-450786	81.049	Office of Science Financial Assistance Program	113,389	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CARNEGIE INSTITUTION OF WASHINGTON	21074-1312-06	81.049	Office of Science Financial Assistance Program	217	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RIKARBON, INC.	21090931	81.049	Office of Science Financial Assistance Program	63,323	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23706-P	81.049	Office of Science Financial Assistance Program	67,474	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	DONALD DANFORTH PLANT SCIENCE CENTER	23707-P	81.049	Office of Science Financial Assistance Program	8,694	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-1215-0208-004	81.049	Office of Science Financial Assistance Program	9,799	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000194294	81.049	Office of Science Financial Assistance Program	2,878,396	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF ARIZONA	688260	81.049	Office of Science Financial Assistance Program	66,942	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	GEOMETRIC DATA ANALYTICS, INC	DE-SC0020542	81.049	Office of Science Financial Assistance Program	240,010	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NEW YORK UNIVERSITY	F7600-06	81.049	Office of Science Financial Assistance Program	12,704	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIV OF CALIFORNIA-SANTA BARBARA	KK1935	81.049	Office of Science Financial Assistance Program	-1,155	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FLORIDA STATE UNIVERSITY	R01864	81.049	Office of Science Financial Assistance Program	5,437	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S001325-USDOE	81.049	Office of Science Financial Assistance Program	108,140	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	S002346-USDOE	81.049	Office of Science Financial Assistance Program	263,052	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00017475	81.049	Office of Science Financial Assistance Program	48,768	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.049</b>		<b>13,967,154</b>	<b>784,865</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.086	Conservation Research and Development	2,622,843	377,976
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000000464	81.086	Conservation Research and Development	124,563	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UTAH STATE UNIVERSITY	203220-744	81.086	Conservation Research and Development	89,852	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF TENNESSEE (THE)	PA16-0349-7.1-01	81.086	Conservation Research and Development	-195	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FORD MOTOR COMPANY	PR2096549	81.086	Conservation Research and Development	335,306	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.086</b>		<b>3,172,369</b>	<b>377,976</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.087	Renewable Energy Research and Development	1,875,141	245,438

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Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF UTAH	10039612-PURDUE-6-2557	81.087	Renewable Energy Research and Development	394,989	216,779
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THE REGENTS OF THE UNIV OF CA	4550 G YA226	81.087	Renewable Energy Research and Development	19,815	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA	4550 G ZA289	81.087	Renewable Energy Research and Development	46,548	45,256
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111121 - PU	81.087	Renewable Energy Research and Development	78,192	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.087</b>		<b>2,414,685</b>	<b>507,473</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.089	Fossil Energy Research and Development	554,876	37,894
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CENTRAL FLORIDA	16266A67	81.089	Fossil Energy Research and Development	61,583	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SOUTHWEST RESEARCH INSTITUTE	P99007RR	81.089	Fossil Energy Research and Development	127,198	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RURAL ELECTRIC COOPERATIVE ASSN	PURDUE-001-SUBK	81.089	Fossil Energy Research and Development	-55,361	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.089</b>		<b>688,296</b>	<b>37,894</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.121	Nuclear Energy Research, Development and Demonstration	1,118,672	138,975
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AUBURN UNIVERSITY	22-MREC-211754-PURDUE	81.121	Nuclear Energy Research, Development and Demonstration	69,402	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AUBURN UNIVERSITY	22-MREC-211755-PURDUE	81.121	Nuclear Energy Research, Development and Demonstration	69,494	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	A22-0008-S003	81.121	Nuclear Energy Research, Development and Demonstration	89,449	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	A22-0009-S003	81.121	Nuclear Energy Research, Development and Demonstration	61,376	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	KANSAS STATE UNIVERSITY	DE-NE0009152	81.121	Nuclear Energy Research, Development and Demonstration	45,212	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OHIO STATE UNIVERSITY	PO# RF 01579974	81.121	Nuclear Energy Research, Development and Demonstration	-2	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.121</b>		<b>1,453,603</b>	<b>138,975</b>
Research and Development Cluster*	U.S. Department of Energy	Direct			81.122	Electricity Delivery and Energy Reliability, Research, Development and Analysis	669,427	294,590
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	STANFORD UNIVERSITY	62486845-138242-01	81.124	Predictive Science Academic Alliance Program	254,642	0
Research and Development Cluster*	U.S. Department of Energy	Direct			81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	566,335	208,057
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SONRISA RESEARCH INC	19013714	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	95,448	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	COLORADO SCHOOL OF MINES	401567-5802	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	38,509	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OREGON STATE UNIVERSITY	G0210E-B	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	27,878	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S4894-PO397313	81.135	Advanced Research and Projects Agency – Energy Financial Assistance Program	96,121	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.135</b>		<b>824,291</b>	<b>208,057</b>
Research and Development Cluster*	U.S. Department of Energy	Direct		2041483	81.RD	U.S. Department of Energy	459,060	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2056944	81.RD	U.S. Department of Energy	-10,700	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2081656	81.RD	U.S. Department of Energy	44,531	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2084425	81.RD	U.S. Department of Energy	66,811	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2095505	81.RD	U.S. Department of Energy	23,704	0
Research and Development Cluster*	U.S. Department of Energy	Direct		21014224	81.RD	U.S. Department of Energy	4,685	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2167336	81.RD	U.S. Department of Energy	58,275	0

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Research and Development Cluster*	U.S. Department of Energy	Direct		2176317	81.RD	U.S. Department of Energy	1,822	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2189722	81.RD	U.S. Department of Energy	97,625	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2193858	81.RD	U.S. Department of Energy	47,196	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2195291	81.RD	U.S. Department of Energy	358,423	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2201442	81.RD	U.S. Department of Energy	26,266	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2204400	81.RD	U.S. Department of Energy	95,397	0
Research and Development Cluster*	U.S. Department of Energy	Direct		22046797	81.RD	U.S. Department of Energy	5,835	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2205519	81.RD	U.S. Department of Energy	33,997	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2206255	81.RD	U.S. Department of Energy	55,540	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2207382	81.RD	U.S. Department of Energy	128,749	0
Research and Development Cluster*	U.S. Department of Energy	Direct		220926	81.RD	U.S. Department of Energy	1	0
Research and Development Cluster*	U.S. Department of Energy	Direct		220928	81.RD	U.S. Department of Energy	7,347	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2210356	81.RD	U.S. Department of Energy	11,348	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2215195	81.RD	U.S. Department of Energy	52,658	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2248643	81.RD	U.S. Department of Energy	-1	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2304745	81.RD	U.S. Department of Energy	72,214	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2313225	81.RD	U.S. Department of Energy	99,332	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2313773	81.RD	U.S. Department of Energy	13,618	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2317516	81.RD	U.S. Department of Energy	119,208	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2317662	81.RD	U.S. Department of Energy	18,053	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2320621	81.RD	U.S. Department of Energy	98,230	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2330618	81.RD	U.S. Department of Energy	21,278	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2332029	81.RD	U.S. Department of Energy	50,346	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2340297	81.RD	U.S. Department of Energy	106,308	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2350208	81.RD	U.S. Department of Energy	73,494	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2352373	81.RD	U.S. Department of Energy	14,771	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2374461	81.RD	U.S. Department of Energy	74,047	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2378169	81.RD	U.S. Department of Energy	70,957	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2386331	81.RD	U.S. Department of Energy	10,000	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2394495	81.RD	U.S. Department of Energy	103,399	0
Research and Development Cluster*	U.S. Department of Energy	Direct		239544	81.RD	U.S. Department of Energy	5	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2424823	81.RD	U.S. Department of Energy	54,119	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2424999	81.RD	U.S. Department of Energy	31,984	0

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Purdue University  
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Research and Development Cluster*	U.S. Department of Energy	Direct		2426717	81.RD	U.S. Department of Energy	22,580	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2439589	81.RD	U.S. Department of Energy	81,021	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2440423	81.RD	U.S. Department of Energy	79,436	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2448081	81.RD	U.S. Department of Energy	18,004	0
Research and Development Cluster*	U.S. Department of Energy	Direct		2464514	81.RD	U.S. Department of Energy	22,601	0
Research and Development Cluster*	U.S. Department of Energy	Direct		4000192758	81.RD	U.S. Department of Energy	37,833	0
Research and Development Cluster*	U.S. Department of Energy	Direct		498532	81.RD	U.S. Department of Energy	33,068	0
Research and Development Cluster*	U.S. Department of Energy	Direct		CW:9421	81.RD	U.S. Department of Energy	120,974	0
Research and Development Cluster*	U.S. Department of Energy	Direct		PO 2210356 REV 2	81.RD	U.S. Department of Energy	22,203	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SAVANNAH RIVER NUCLEAR SOLUTIONS LLC	0000386328	81.RD	U.S. Department of Energy	-1,722	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SAVANNAH RIVER NUCLEAR SOLUTIONS LLC	0000483105	81.RD	U.S. Department of Energy	191,160	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE SAVANNAH RIVER ALLIANCE, LLC	0000557757	81.RD	U.S. Department of Energy	74,580	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	GE-HITACHI NUCLEAR ENERGY AMERICAS	02859160	81.RD	U.S. Department of Energy	1,008,890	260,500
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF TEXAS AT SAN ANTONIO	1000003891	81.RD	U.S. Department of Energy	912,162	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ELECTRIC POWER RESEARCH INSTITUTE (EPRI)	10014924	81.RD	U.S. Department of Energy	126,663	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	111119283	81.RD	U.S. Department of Energy	49,447	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FLUOR MARINE PROPULSION	115108	81.RD	U.S. Department of Energy	-116	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RAYTHEON TECHNOLOGIES RESEARCH CENTER	1259830	81.RD	U.S. Department of Energy	22,245	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	RAYTHEON TECHNOLOGIES RESEARCH CENTER	1261966	81.RD	U.S. Department of Energy	31,291	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FLUOR MARINE PROPULSION, LLC DNU	133569	81.RD	U.S. Department of Energy	10,522	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FLUOR MARINE PROPULSION	140520	81.RD	U.S. Department of Energy	112,786	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	1F-60318	81.RD	U.S. Department of Energy	56,319	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	1F-60386	81.RD	U.S. Department of Energy	99,040	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SONRISA RESEARCH INC	2014-0654-91	81.RD	U.S. Department of Energy	155,053	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	208358	81.RD	U.S. Department of Energy	225,953	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	21068148	81.RD	U.S. Department of Energy	11,884	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	XCMR INC	21080105	81.RD	U.S. Department of Energy	3	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	21123850	81.RD	U.S. Department of Energy	10,234	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	22025204 CW9868	81.RD	U.S. Department of Energy	108,328	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	CLEVELAND-CLIFFS STEEL LLC	22036238	81.RD	U.S. Department of Energy	2,492	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	22046850	81.RD	U.S. Department of Energy	1,005	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2300939	81.RD	U.S. Department of Energy	80,433	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SOLIDIA TECHNOLOGIES	23035841	81.RD	U.S. Department of Energy	74,828	0

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Research and Development Cluster*	U.S. Department of Energy	Pass-Through	XCMR INC	23046345	81.RD	U.S. Department of Energy	43,898	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	23067893	81.RD	U.S. Department of Energy	10,266	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2312343	81.RD	U.S. Department of Energy	24,734	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2313219	81.RD	U.S. Department of Energy	102,060	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	231417	81.RD	U.S. Department of Energy	76,450	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2334433	81.RD	U.S. Department of Energy	32,037	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2372131	81.RD	U.S. Department of Energy	31,000	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2378169	81.RD	U.S. Department of Energy	135,333	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421030	81.RD	U.S. Department of Energy	49,305	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2421478	81.RD	U.S. Department of Energy	31,428	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2429537	81.RD	U.S. Department of Energy	176,565	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	243477	81.RD	U.S. Department of Energy	211,770	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	245993	81.RD	U.S. Department of Energy	164,052	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2466028	81.RD	U.S. Department of Energy	25,321	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	246778	81.RD	U.S. Department of Energy	-33,928	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2484509	81.RD	U.S. Department of Energy	40,373	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2489340	81.RD	U.S. Department of Energy	14,841	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	254567	81.RD	U.S. Department of Energy	-3,811	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE ENERGY ALLIANCE LLC	260630	81.RD	U.S. Department of Energy	8,004	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	261560	81.RD	U.S. Department of Energy	47,601	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	261565	81.RD	U.S. Department of Energy	54,122	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	283724	81.RD	U.S. Department of Energy	6,179	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60033	81.RD	U.S. Department of Energy	51,956	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60054	81.RD	U.S. Department of Energy	4,786	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60113	81.RD	U.S. Department of Energy	255,151	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60296	81.RD	U.S. Department of Energy	19,897	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	2F-60308	81.RD	U.S. Department of Energy	29,180	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	SIEMENS ENERGY & AUTOMATION INC.	3010504729	81.RD	U.S. Department of Energy	-170	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BROOKHAVEN NATIONAL LABORATORY	382247	81.RD	U.S. Department of Energy	37,412	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000173789	81.RD	U.S. Department of Energy	139,718	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT-BATTELLE LLC	4000179033	81.RD	U.S. Department of Energy	83,752	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000191983	81.RD	U.S. Department of Energy	2,553	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	4000195879	81.RD	U.S. Department of Energy	91,888	0

\* denotes major programs  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PACIFIC NORTHWEST NATIONAL LABORATORY	539426	81.RD	U.S. Department of Energy	23,046	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	601213	81.RD	U.S. Department of Energy	78,149	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	PACIFIC NORTHWEST NATIONAL LABORATORY	649279	81.RD	U.S. Department of Energy	100,522	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BATTELLE MEMORIAL INSTITUTE	654646	81.RD	U.S. Department of Energy	124,253	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	668388	81.RD	U.S. Department of Energy	1,808,187	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	672713	81.RD	U.S. Department of Energy	3,503	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	677848	81.RD	U.S. Department of Energy	120,025	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	683463	81.RD	U.S. Department of Energy	295	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	692562	81.RD	U.S. Department of Energy	27,396	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FERMI NATIONAL ACCELERATOR LABORATORY	696167	81.RD	U.S. Department of Energy	11,100	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	BERKELEY, LAWRENCE LABORATORY	7674147	81.RD	U.S. Department of Energy	201	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	8F-30072	81.RD	U.S. Department of Energy	30,303	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	ARGONNE NATIONAL LABORATORY	9F-60152	81.RD	U.S. Department of Energy	15,788	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B646672	81.RD	U.S. Department of Energy	32,895	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B648789	81.RD	U.S. Department of Energy	128,478	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B649684	81.RD	U.S. Department of Energy	91,915	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B653836	81.RD	U.S. Department of Energy	41,035	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B654803	81.RD	U.S. Department of Energy	25,684	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LAWRENCE LIVERMORE NATNL LAB	B655261	81.RD	U.S. Department of Energy	31,707	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	C1716-V4	81.RD	U.S. Department of Energy	129,702	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	C2409	81.RD	U.S. Department of Energy	112,083	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	TRIAD NATIONAL SECURITY, LLC	C3141	81.RD	U.S. Department of Energy	248,272	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL ENGINEERING LABORATORY	CONTRACT NO. 269609	81.RD	U.S. Department of Energy	90,259	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	IDAHO NATIONAL LABORATORY	CONTRACT NO.274474	81.RD	U.S. Department of Energy	17,288	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	CW27959 589334	81.RD	U.S. Department of Energy	105,918	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW31464	81.RD	U.S. Department of Energy	318,302	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	OAK RIDGE NATIONAL LABORATORY	CW31597	81.RD	U.S. Department of Energy	170,668	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	UT BATTELLE LLC	CW36464	81.RD	U.S. Department of Energy	83,349	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	FREEDOM PHOTONICS, LLC.	S-7198	81.RD	U.S. Department of Energy	760	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-18-476	81.RD	U.S. Department of Energy	336,011	20,446
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-20-518	81.RD	U.S. Department of Energy	399,778	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	AMES LABORATORY	SC-23-5583	81.RD	U.S. Department of Energy	9,618	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	THE REGENTS OF THE UNIV OF CA	SUB NO 7655341	81.RD	U.S. Department of Energy	25,405	0

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Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2022-10243	81.RD	U.S. Department of Energy	16,629	0
Research and Development Cluster*	U.S. Department of Energy	Pass-Through	NATIONAL RENEWABLE ENERGY LAB	SUB-2022-10426	81.RD	U.S. Department of Energy	34,643	0
Research and Development Cluster*	U.S. Department of Energy				<b>Total - 81.RD</b>		<b>13,158,024</b>	<b>280,946</b>
Research and Development Cluster*	<b>Total - U.S. Department of Energy</b>						<b>36,602,491</b>	<b>2,630,776</b>
Research and Development Cluster*	U.S. Department of Education	Direct			84.305	Education Research, Development and Dissemination	275,510	140,775
Research and Development Cluster*	U.S. Department of Education	Direct			84.324	Research in Special Education	168,746	58,998
Research and Development Cluster*	<b>Total - U.S. Department of Education</b>						<b>444,256</b>	<b>199,773</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LEIDOS BIOMEDICAL RESEARCH INC	20X095 Q2	93.001	Civil Rights and Privacy Rule Compliance Activities	1,327	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TEICHOS LABORATORIES, LLC	21025128	93.083	Prevention of Disease, Disability, and Death through Immunization and Control of	20,087	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WISCONSIN	0000002361	93.084	Prevention of Diseases, Disability, and Death by Infectious Diseases	26,963	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	1,859,392	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BIRTH CONTROL PHARMACIST	21078634	93.103	Food and Drug Administration_Research	14,569	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	RUTGERS, THE STATE UNIVERSITY	2151	93.103	Food and Drug Administration_Research	248,206	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF DELAWARE	58082	93.103	Food and Drug Administration_Research	3,144	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NATNL INST FOR PHRMCTCL TECH & EDUC	NIPTE-U01-PU-2022-002	93.103	Food and Drug Administration_Research	54,784	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.103</b>		<b>2,180,095</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8119 4683364	93.107	Model State-Supported Area Health Education Centers	32,935	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9505	93.107	Model State-Supported Area Health Education Centers	82,602	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.107</b>		<b>115,537</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.113	Biological Response to Environmental Health Hazards	1,744,609	213,795
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ST. JOSEPH MEDICAL CENTER	1033935PURDUE	93.113	Biological Response to Environmental Health Hazards	31,843	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ALBERT EINSTEIN COLLEGE OF MEDICINE	311288	93.113	Biological Response to Environmental Health Hazards	243,353	83,191
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	ALBERT EINSTEIN COLLEGE OF MEDICINE	312096	93.113	Biological Response to Environmental Health Hazards	270,556	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC80773	93.113	Biological Response to Environmental Health Hazards	161,255	9,126
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.113</b>		<b>2,451,616</b>	<b>306,112</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNDERWRITERS LABORATORIES INC	97853	93.121	Oral Diseases and Disorders Research	62,021	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MARION COUNTY HEALTH DEPARTMENT	22046728	93.136	Injury Prevention and Control Research and State and Community Based Programs	-247	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	149,038	44,105
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MICHIGAN STATE UNIVERSITY	RC 114552PURDUE	93.143	NIEHS Superfund Hazardous Substances_Basic Research and Education	42,699	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.143</b>		<b>191,737</b>	<b>44,105</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.173	Research Related to Deafness and Communication Disorders	3,065,338	198,742
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BOSTON UNIVERSITY	4500004291	93.173	Research Related to Deafness and Communication Disorders	33,272	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	8652-PU	93.173	Research Related to Deafness and Communication Disorders	193,965	0

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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9052-PU	93.173	Research Related to Deafness and Communication Disorders	275,171	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	GR120213	93.173	Research Related to Deafness and Communication Disorders	26,540	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MICHIGAN STATE UNIVERSITY	RC111264A	93.173	Research Related to Deafness and Communication Disorders	28,314	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.173</b>		<b>3,622,600</b>	<b>198,742</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA CENTER FOR NURSING	22024770	93.178	Nursing Workforce Diversity	61,680	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.213	Research and Training in Complementary and Alternative Medicine	421,443	67,667
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.226	Research on Healthcare Costs, Quality and Outcomes	358,116	161,623
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106187-18696	93.233	National Center on Sleep Disorders Research	302,622	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.242	Mental Health Research Grants	2,419,702	427,041
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BROWN UNIVERSITY	00001446	93.242	Mental Health Research Grants	8,552	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OREGON HEALTH SCIENCES UNIVERSITY	1014657_PURDUE	93.242	Mental Health Research Grants	21,628	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OREGON HEALTH SCIENCES UNIVERSITY	1018022_PURDUE	93.242	Mental Health Research Grants	33,851	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CINCINNATI CHILDRENS HOSPITAL MED CTR	312122	93.242	Mental Health Research Grants	27,001	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8628-PU	93.242	Mental Health Research Grants	52,903	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA-MERCED	A22-0141-S001	93.242	Mental Health Research Grants	32,905	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FEINSTEIN INST FOR MEDICAL RES	AWD00001246-PU	93.242	Mental Health Research Grants	32,746	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF KANSAS	FY2022-005	93.242	Mental Health Research Grants	13,699	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MEDICAL COLLEGE OF WISCONSIN	PO6253990	93.242	Mental Health Research Grants	36,643	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HOUSTON	R-23-0048	93.242	Mental Health Research Grants	13,751	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	KAISER PERMANENTE	RNG210241-PURDUE	93.242	Mental Health Research Grants	45,308	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00010086	93.242	Mental Health Research Grants	-20,606	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00012614	93.242	Mental Health Research Grants	254,271	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WASHINGTON UNIVERSITY	WU-22-0027	93.242	Mental Health Research Grants	11,408	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.242</b>		<b>2,983,762</b>	<b>427,041</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	124,149	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	011910-00046	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	7,500	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	POLICY RESEARCH ASSOCIATES	23067828	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	23,375	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OKLAHOMA STATE UNIVERSITY	97695	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	39,385	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.243</b>		<b>194,409</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	94,772	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF CINCINNATI-EDU & RESEARCH CTR	013704-00037	93.262	Occupational Safety and Health Program	4,850	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	1930-G-ZA204	93.262	Occupational Safety and Health Program	20,431	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA	34-5420-2006-211	93.262	Occupational Safety and Health Program	7,196	0

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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF IOWA	S03755-01	93.262	Occupational Safety and Health Program	19,811	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00016038	93.262	Occupational Safety and Health Program	2,371	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00016152	93.262	Occupational Safety and Health Program	5,219	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.262</b>		<b>154,650</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.273	Alcohol Research Programs	528,403	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UTAH STATE UNIVERSITY	201356-490	93.273	Alcohol Research Programs	88,602	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8624_PUR	93.273	Alcohol Research Programs	32,488	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9215	93.273	Alcohol Research Programs	1,349	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9399-PU	93.273	Alcohol Research Programs	54,247	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9442-PU	93.273	Alcohol Research Programs	48,916	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9556	93.273	Alcohol Research Programs	24,716	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9591-PU	93.273	Alcohol Research Programs	15,315	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY23.621.001	93.273	Alcohol Research Programs	12,192	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	SUBAWARD 014707-00002	93.273	Alcohol Research Programs	13,658	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.273</b>		<b>819,886</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.279	Drug Abuse and Addiction Research Programs	1,445,545	149,562
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	013764-00025	93.279	Drug Abuse and Addiction Research Programs	17,595	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	013764-00035	93.279	Drug Abuse and Addiction Research Programs	8,809	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CINCINNATI	013764-00041	93.279	Drug Abuse and Addiction Research Programs	4,688	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PENNSYLVANIA STATE UNIVERSITY	5877-PU-DHHS-5108-04	93.279	Drug Abuse and Addiction Research Programs	131,341	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	EMORY UNIVERSITY	A652800	93.279	Drug Abuse and Addiction Research Programs	27,685	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	D009105902	93.279	Drug Abuse and Addiction Research Programs	197,595	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000003679/GR107769	93.279	Drug Abuse and Addiction Research Programs	-3,701	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000007173/GR129370	93.279	Drug Abuse and Addiction Research Programs	80,458	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-100001134/GR130563	93.279	Drug Abuse and Addiction Research Programs	15,002	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-100008741 / GR109354	93.279	Drug Abuse and Addiction Research Programs	-6,787	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	EMORY UNIVERSITY	T880310	93.279	Drug Abuse and Addiction Research Programs	25,026	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.279</b>		<b>1,943,256</b>	<b>149,562</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.286	Discovery and Applied Research for Technological Innovations to Improve Human He	425,821	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.307	Minority Health and Health Disparities Research	1,060,657	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHERN ARIZONA UNIVERSITY	1004937-02	93.307	Minority Health and Health Disparities Research	96,864	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.307</b>		<b>1,157,521</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.310	Trans-NIH Research Support	1,874,206	889,600

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

Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8715_PUR	93.310	Trans-NIH Research Support	-7	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	A03-5087	93.310	Trans-NIH Research Support	80,202	7,020
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MICHIGAN	SUBK00013663	93.310	Trans-NIH Research Support	33,577	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.310</b>		<b>1,987,978</b>	<b>896,620</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.350	National Center for Advancing Translational Sciences	1,653,185	174,981
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	00088780	93.350	National Center for Advancing Translational Sciences	-3,548	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8929	93.350	National Center for Advancing Translational Sciences	-2,383	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8940	93.350	National Center for Advancing Translational Sciences	5,196	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	8944	93.350	National Center for Advancing Translational Sciences	28,199	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8946	93.350	National Center for Advancing Translational Sciences	-77	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9336 - 5UL1TR002529-05	93.350	National Center for Advancing Translational Sciences	775,448	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9362	93.350	National Center for Advancing Translational Sciences	147,573	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9662_PUR	93.350	National Center for Advancing Translational Sciences	25,595	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN CLINICAL & TRANSLATIONAL SCI INST	NTP-22025359	93.350	National Center for Advancing Translational Sciences	-43	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	SUBAWARD NO 9315	93.350	National Center for Advancing Translational Sciences	365,160	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.350</b>		<b>2,994,305</b>	<b>174,981</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.351	Research Infrastructure Programs	281,442	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	234,067	59,114
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ALABAMA AT BIRMINGHAM	000516421-SC003	93.353	21st Century Cures Act - Beau Biden Cancer Moonshot	72,790	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.353</b>		<b>306,867</b>	<b>59,114</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.361	Nursing Research	95,500	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.390	Academic Research Enhancement	156,233	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.393	Cancer Cause and Prevention Research	257,874	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	HARVARD MEDICAL SCHOOL	1299705	93.393	Cancer Cause and Prevention Research	70,493	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303-000740	93.393	Cancer Cause and Prevention Research	96,062	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PITTSBURGH MEDICAL CENTER	CNVA00057797(130855-2)	93.393	Cancer Cause and Prevention Research	17,531	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HAWAII	KA1750	93.393	Cancer Cause and Prevention Research	352,426	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF HAWAII	KA1751	93.393	Cancer Cause and Prevention Research	46,546	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.393</b>		<b>840,932</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.394	Cancer Detection and Diagnosis Research	1,247,610	199,605
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TYMORA ANALYTICAL OPERATIONS, LLC	4R44CA239845-02	93.394	Cancer Detection and Diagnosis Research	71,547	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF PENNSYLVANIA	585224	93.394	Cancer Detection and Diagnosis Research	124,173	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.394</b>		<b>1,443,330</b>	<b>199,605</b>

\* denotes major programs  
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Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.395	Cancer Treatment Research	2,820,386	262,394
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LEIDOS BIOMEDICAL RESEARCH INC	20X095	93.395	Cancer Treatment Research	20	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9010	93.395	Cancer Treatment Research	67,728	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9014	93.395	Cancer Treatment Research	191,372	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF OKLAHOMA	RS20220526-01	93.395	Cancer Treatment Research	156,668	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.395</b>		<b>3,236,174</b>	<b>262,394</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.396	Cancer Biology Research	3,400,708	901,269
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.397	Cancer Centers Support Grants	1,882,400	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.398	Cancer Research Manpower	1,008,792	50,181
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.600	Head Start	3,965	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	24-6206-0007-003	93.600	Head Start	3,760	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.600</b>		<b>7,725</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CHILDHELP, INC	20123014	93.670	Child Abuse and Neglect Discretionary Activities	106,567	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9619	93.680	Medical Student Education	5,236	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.747	Elder Abuse Prevention Interventions Program	41,143	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	STATE OF MONTANA	APS-OP-2020-3	93.747	Elder Abuse Prevention Interventions Program	13,872	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.747</b>		<b>55,015</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.822	Health Careers Opportunity Program	737,630	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.837	Heart and Vascular Diseases Research	1,535,262	254,904
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	127872359	93.837	Heart and Vascular Diseases Research	73,440	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MICHIGAN TECHNOLOGICAL UNIVERSITY	170206323	93.837	Heart and Vascular Diseases Research	23,176	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF OKLAHOMA	2023-19	93.837	Heart and Vascular Diseases Research	67,785	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	AQUILO SPORTS LLC	21101919	93.837	Heart and Vascular Diseases Research	25,771	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.837</b>		<b>1,725,434</b>	<b>254,904</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5115293	93.839	Blood Diseases and Resources Research	-253	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5121821	93.839	Blood Diseases and Resources Research	8,262	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5125345	93.839	Blood Diseases and Resources Research	150,035	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.839</b>		<b>158,044</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NEW YORK UNIVERSITY	19-A0-00-1002663	93.840	Translation and Implementation Science Research for Heart, Lung, Blood Diseases,	2,417	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MOI UNIVERSITY	22014275	93.840	Translation and Implementation Science Research for Heart, Lung, Blood Diseases,	8,399	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.840</b>		<b>10,816</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.846	Arthritis, Musculoskeletal and Skin Diseases Research	2,281,836	453,967
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - BERKELEY	00010309	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	24,693	0

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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO AT BOULDER	1559695	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	1,829	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9441	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	1,714	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VIRGINIA COMMONWEALTH UNIVERSITY	FP00007737_SA001	93.846	Arthritis, Musculoskeletal and Skin Diseases Research	180,113	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.846</b>		<b>2,490,185</b>	<b>453,967</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.847	Diabetes, Endocrinology and Metabolism Research	1,360,791	154,952
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INSTITUTE FOR SYSTEMS BIOLOGY	2022.0006	93.847	Diabetes, Endocrinology and Metabolism Research	48,314	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	21123703	93.847	Diabetes, Endocrinology and Metabolism Research	-3,061	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	7916_PUR	93.847	Diabetes, Endocrinology and Metabolism Research	55,242	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8973_PUR	93.847	Diabetes, Endocrinology and Metabolism Research	297	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8975_PUR	93.847	Diabetes, Endocrinology and Metabolism Research	25,270	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	9379	93.847	Diabetes, Endocrinology and Metabolism Research	3,331	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY19.115.001	93.847	Diabetes, Endocrinology and Metabolism Research	14,568	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.847</b>		<b>1,504,752</b>	<b>154,952</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	2,206,410	184,011
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BRIGHAM AND WOMEN'S HOSPITAL	121802	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	389,573	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MASSACHUSETTS GENERAL HOSPITAL	234362	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	44,800	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TEACHERS COLLEGE, COLUMBIA UNIVERSITY	512164-02	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	128,199	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9302-PU	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	14,381	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF TEXAS S WSTN MEDICAL CENTER, THE	GMO211009 P00000002095	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	-8,097	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	IN4685646PU	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	252,443	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - SAN DIEGO	KR 705636	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	53,277	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	N008262301	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	210,193	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF IOWA	S00841-03	93.853	Extramural Research Programs in the Neurosciences and Neurological Disorders	318,939	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.853</b>		<b>3,610,118</b>	<b>184,011</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.855	Allergy, Immunology and Transplantation Research	8,191,030	1,810,637
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TEICHOS LABORATORIES, LLC	21046529	93.855	Allergy, Immunology and Transplantation Research	84,640	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	27909-01-123-408	93.855	Allergy, Immunology and Transplantation Research	713	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	27909-03-123-408	93.855	Allergy, Immunology and Transplantation Research	10,109	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	27909-04-123-408	93.855	Allergy, Immunology and Transplantation Research	168,005	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	THE CATHOLIC UNIVERSITY OF AMERICA	348263 SUB 1	93.855	Allergy, Immunology and Transplantation Research	32,184	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	412642-19084	93.855	Allergy, Immunology and Transplantation Research	249,172	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ROCHESTER	417319G/UR FAO GR510776	93.855	Allergy, Immunology and Transplantation Research	255,311	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	STANFORD UNIVERSITY	62649495-192167	93.855	Allergy, Immunology and Transplantation Research	285,649	0

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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	8514-PU	93.855	Allergy, Immunology and Transplantation Research	192,196	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9357-PU	93.855	Allergy, Immunology and Transplantation Research	20,853	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A20-0624-S001-02	93.855	Allergy, Immunology and Transplantation Research	66,965	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY16.526.001	93.855	Allergy, Immunology and Transplantation Research	15,210	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF COLORADO DENVER	FY23.526.001	93.855	Allergy, Immunology and Transplantation Research	16,523	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	LA JOLLA INST FOR ALLERGY & IMMUNOLOGY	NTP-23099987	93.855	Allergy, Immunology and Transplantation Research	33,730	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	GEORGIA STATE UNIVERSITY	SP00015689-03	93.855	Allergy, Immunology and Transplantation Research	43,828	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WASHINGTON UNIVERSITY	WU-17-36	93.855	Allergy, Immunology and Transplantation Research	-551	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WASHINGTON UNIVERSITY	WU-18-457	93.855	Allergy, Immunology and Transplantation Research	409,761	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.855</b>		<b>10,075,328</b>	<b>1,810,637</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.859	Biomedical Research and Research Training	10,846,735	116,076
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BRIGHTSPEC, INC	000101263	93.859	Biomedical Research and Research Training	61,736	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ILLINOIS	108905-19027	93.859	Biomedical Research and Research Training	5,804	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	TYMORA ANALYTICAL OPERATIONS, LLC	19100468	93.859	Biomedical Research and Research Training	21,123	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NOTRE DAME	204032PU	93.859	Biomedical Research and Research Training	166,755	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	Q-CHEM, INC.	22035702	93.859	Biomedical Research and Research Training	51,545	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MATERIALS DEVELOPMENT INC.	2R44GM117701-02	93.859	Biomedical Research and Research Training	24,981	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	BL-4648727-PU	93.859	Biomedical Research and Research Training	3	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF VIRGINIA	GB11056.169317	93.859	Biomedical Research and Research Training	56,730	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC12039	93.859	Biomedical Research and Research Training	72,971	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WASHINGTON	UWSC13365	93.859	Biomedical Research and Research Training	115,438	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.859</b>		<b>11,423,821</b>	<b>116,076</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.865	Child Health and Human Development Extramural Research	1,475,619	187,088
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF ARIZONA	686095	93.865	Child Health and Human Development Extramural Research	98,242	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	BRADLEY HOSPITAL	7127549	93.865	Child Health and Human Development Extramural Research	29,079	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IN UNIV PURDUE UNIV AT INDIANAPOLIS	9334-PU	93.865	Child Health and Human Development Extramural Research	34,182	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NEW YORK UNIVERSITY	F0998-010	93.865	Child Health and Human Development Extramural Research	71	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FLORIDA STATE UNIVERSITY	R000002943	93.865	Child Health and Human Development Extramural Research	2,382	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	FLORIDA STATE UNIVERSITY	R000003060	93.865	Child Health and Human Development Extramural Research	8,087	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CONNECTICUT	UCHC7-145205302	93.865	Child Health and Human Development Extramural Research	-618	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.865</b>		<b>1,647,044</b>	<b>187,088</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.866	Aging Research	3,256,496	865,421
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WORK LIFE HELP LLC	20101357	93.866	Aging Research	122,297	0

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Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	22014114	93.866	Aging Research	62,579	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303001457	93.866	Aging Research	46,567	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	DUKE UNIVERSITY	303001462	93.866	Aging Research	46,420	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF KENTUCKY	3200004317-22-113	93.866	Aging Research	190,779	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	WRIGHT STATE UNIVERSITY	671660-1	93.866	Aging Research	1,692	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8160_PUR	93.866	Aging Research	2,490,774	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	8471-PU	93.866	Aging Research	16,155	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9102	93.866	Aging Research	5,893	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9398	93.866	Aging Research	66,290	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	BL 9351	93.866	Aging Research	80,027	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF MINNESOTA	P009824601 CON# 96970	93.866	Aging Research	129,903	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIV OF TX HEALTH SCIENCE CTR AT HOUSTON	SA0000226	93.866	Aging Research	11,977	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	SUBAWARD#: 8943	93.866	Aging Research	211,166	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.866</b>		<b>6,739,015</b>	<b>865,421</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.867	Vision Research	1,150,814	273,423
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	CORNELL UNIVERSITY	211848 - 222709	93.867	Vision Research	-215	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.867</b>		<b>1,150,599</b>	<b>273,423</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.879	Medical Library Assistance	44,160	5,516
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	10,717	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	MARION GENERAL HOSPITAL	22014635	93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	30,167	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9017	93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	9,592	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.912</b>		<b>50,476</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000006465/GR125070	93.958	Block Grants for Community Mental Health Services	11,879	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	19078529	93.969	Geriatric Education Centers	-17	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	22122594	93.969	Geriatric Education Centers	10,922	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.969</b>		<b>10,905</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct			93.989	International Research and Research Training	64,899	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	9213-PU	93.991	Preventive Health and Health Services Block Grant	26,857	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	IU SCHOOL OF MEDICINE	PO0635161	93.991	Preventive Health and Health Services Block Grant	20,702	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.991</b>		<b>47,559</b>	<b>0</b>
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		19024324 - PIOTROWSKI	93.RD	U.S. Department of Health & Human Services	6,665	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		19122519 - DAVIS	93.RD	U.S. Department of Health & Human Services	6,665	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21014254 - HUANG	93.RD	U.S. Department of Health & Human Services	8,763	0

\* denotes major programs  
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Purdue University  
Schedule of Expenditures of Federal Awards  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21067911	93.RD	U.S. Department of Health & Human Services	111,312	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112227	93.RD	U.S. Department of Health & Human Services	103,345	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21112231	93.RD	U.S. Department of Health & Human Services	37,106	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		21123658	93.RD	U.S. Department of Health & Human Services	15,659	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA10078	93.RD	U.S. Department of Health & Human Services	10,343	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210076	93.RD	U.S. Department of Health & Human Services	22,050	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		22IPA2210079	93.RD	U.S. Department of Health & Human Services	31,663	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Direct		HHSN271201700022I	93.RD	U.S. Department of Health & Human Services	252,885	141,697
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF CALIFORNIA-LOS ANGELES	1930-S-YA349	93.RD	U.S. Department of Health & Human Services	31,404	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INDIANA UNIVERSITY	21024489	93.RD	U.S. Department of Health & Human Services	1,954	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NATNL ADULT PROTECTIVE SERVICE ASSOC	21112463	93.RD	U.S. Department of Health & Human Services	201,030	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	GEORGIA TECH	AWD-004404-S1	93.RD	U.S. Department of Health & Human Services	15,732	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NATNL INST FOR PHRMCTCL TECH & EDUC	NIPT-75F-PU-2021-001	93.RD	U.S. Department of Health & Human Services	-291	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	SRI INTERNATIONAL	PO64784	93.RD	U.S. Department of Health & Human Services	36,745	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0040139 60047648 PU OQ	93.RD	U.S. Department of Health & Human Services	27,737	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0040139 60047653 PU	93.RD	U.S. Department of Health & Human Services	147,800	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	NORTHWESTERN UNIVERSITY	SP0071158 60062908	93.RD	U.S. Department of Health & Human Services	120,195	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	PRINCETON UNIVERSITY	SUB000686	93.RD	U.S. Department of Health & Human Services	11,187	0
Research and Development Cluster*	U.S. Department of Health & Human Services	Pass-Through	INTEGRATED RESEARCH ASSOCIATES, LLC	T*3740	93.RD	U.S. Department of Health & Human Services	21,363	0
Research and Development Cluster*	U.S. Department of Health & Human Services				<b>Total - 93.RD</b>		<b>1,221,312</b>	<b>141,697</b>
Research and Development Cluster*	<b>Total - U.S. Department of Health &amp; Human Services</b>						<b>78,028,072</b>	<b>8,346,708</b>
Research and Development Cluster*	U.S. Department of Homeland Security	Direct			97.077	Homeland Security Testing, Evaluation, and Demonstration of Technologies	378,286	145,154
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	106487-18811	97.RD	U.S. Department of Homeland Security	46,469	0
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	AUBURN UNIVERSITY	22-CVM-210123-PURDUE	97.RD	U.S. Department of Homeland Security	59,836	0
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	AUBURN UNIVERSITY	23-CVM-215001-PURDUE	97.RD	U.S. Department of Homeland Security	67,047	0
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	NORTHEASTERN UNIVERSITY	505210-78054	97.RD	U.S. Department of Homeland Security	99,239	0
Research and Development Cluster*	U.S. Department of Homeland Security	Pass-Through	NORTHEASTERN UNIVERSITY	505270-78052	97.RD	U.S. Department of Homeland Security	23,088	0
Research and Development Cluster*	U.S. Department of Homeland Security				<b>Total - 97.RD</b>		<b>295,679</b>	<b>0</b>
Research and Development Cluster*	<b>Total - U.S. Department of Homeland Security</b>						<b>673,965</b>	<b>145,154</b>
Research and Development Cluster*	Agency for International Development	Direct			98.001	USAID Foreign Assistance for Programs Overseas	11,605,103	7,900,238
Research and Development Cluster*	Agency for International Development	Pass-Through	CIMMYT, INT.	17121882	98.001	USAID Foreign Assistance for Programs Overseas	173,270	0
Research and Development Cluster*	Agency for International Development	Pass-Through	INTERNATIONAL FOOD POLICY RESEARCH INST	2022X098.PUR	98.001	USAID Foreign Assistance for Programs Overseas	76,678	0
Research and Development Cluster*	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108887-PURDUE	98.001	USAID Foreign Assistance for Programs Overseas	470,623	0

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Purdue University  
Schedule of Expenditures of Federal Awards  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
Research and Development Cluster*	Agency for International Development				<b>Total - 98.001</b>		<b>12,325,674</b>	<b>7,900,238</b>
Research and Development Cluster*	<b>Total - Agency for International Development</b>						<b>12,325,674</b>	<b>7,900,238</b>
Research and Development Cluster*	Central Intelligence Agency	Pass-Through	DEFENSEWERX	22068384	99.RD	Central Intelligence Agency	511,885	99,700
Research and Development Cluster*	Central Intelligence Agency	Pass-Through	DEFENSEWERX	22089314	99.RD	Central Intelligence Agency	94,297	0
Research and Development Cluster*	Central Intelligence Agency	Pass-Through	DEFENSEWERX	23089375	99.RD	Central Intelligence Agency	108,578	0
Research and Development Cluster*	Central Intelligence Agency	Pass-Through	UNIVERSITY OF VIRGINIA	PO#2346080	99.RD	Central Intelligence Agency	37,991	0
Research and Development Cluster*	Central Intelligence Agency				<b>Total - 99.RD</b>		<b>752,751</b>	<b>99,700</b>
Research and Development Cluster*	<b>Total - Central Intelligence Agency</b>						<b>752,751</b>	<b>99,700</b>
<b>Total - Research and Development Cluster*</b>							<b>350,597,489</b>	<b>47,534,914</b>
SNAP Cluster	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	59504	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	3,515	0
SNAP Cluster	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	69221	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	2,657,669	0
SNAP Cluster	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #47205	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	2,006,670	0
SNAP Cluster	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #59506	10.561	State Admin Matching Grants for the Supplemental Nutrition Assistance Program	1,483	0
SNAP Cluster	U.S. Department of Agriculture				<b>Total - 10.561</b>		<b>4,669,337</b>	<b>0</b>
<b>Total - SNAP Cluster</b>							<b>4,669,337</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.001	Agricultural Research_Basic and Applied Research	93,037	0
	U.S. Department of Agriculture	Pass-Through	IN DEPARTMENT OF NATURAL RESOURCES	57127	10.028	Wildlife Services	27,521	0
	U.S. Department of Agriculture	Pass-Through	IN ASSOC OF SOIL & WATER CONSERV DIST	23067944	10.069	Conservation Reserve Program	11,759	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-20-FSMIP-19-#38350	10.156	Federal-State Marketing Improvement Program	21,361	0
	U.S. Department of Agriculture	Direct			10.163	Market Protection and Promotion	37,348	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	A337-19-SCBG-18-005	10.170	Specialty Crop Block Grant Program - Farm Bill	-1,134	0
	U.S. Department of Agriculture	Direct			10.174	Acer Access & Development Program	129,119	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	019585T	10.200	Grants for Agricultural Research, Special Research Grants	25,427	1,017
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022798I	10.200	Grants for Agricultural Research, Special Research Grants	57,170	0
	U.S. Department of Agriculture				<b>Total - 10.200</b>		<b>82,597</b>	<b>1,017</b>
	U.S. Department of Agriculture	Direct			10.210	Food and Agricultural Sciences National Needs Graduate Fellowship Grants	270,566	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007179311	10.215	Sustainable Agriculture Research and Education	13,987	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007179330	10.215	Sustainable Agriculture Research and Education	40,557	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813909	10.215	Sustainable Agriculture Research and Education	23,732	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H007813943	10.215	Sustainable Agriculture Research and Education	1,243	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568305	10.215	Sustainable Agriculture Research and Education	39,287	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568314	10.215	Sustainable Agriculture Research and Education	65,914	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H008568334	10.215	Sustainable Agriculture Research and Education	20,241	0

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Purdue University  
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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009277401	10.215	Sustainable Agriculture Research and Education	5,089	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF MINNESOTA	H009987625	10.215	Sustainable Agriculture Research and Education	4,611	0
	U.S. Department of Agriculture				<b>Total - 10.215</b>		<b>214,661</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	LANGSTON UNIVERSITY	2017-38821-26445	10.216	1890 Institution Capacity Building Grants	50,353	0
	U.S. Department of Agriculture				<b>Total - 10.216</b>		<b>50,353</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.217	Higher Education Challenge Grants	539,829	182,003
	U.S. Department of Agriculture	Direct			10.220	Higher Education Multicultural Scholars Program	2,226	0
	U.S. Department of Agriculture	Direct			10.226	Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	12,253	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	104641-18555	10.229	Extension Collaborative on Immunization Teaching & Engagement	90,674	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	EXC1-2021-2060	10.229	Extension Collaborative on Immunization Teaching & Engagement	3,305	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	EXC3-2022-2258	10.229	Extension Collaborative on Immunization Teaching & Engagement	9,997	0
	U.S. Department of Agriculture				<b>Total - 10.229</b>		<b>103,976</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	25-6205-0083-008	10.233	Open Data Framework	38,034	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF FLORIDA	SUB00003435	10.309	Specialty Crop Research Initiative	6,892	0
	U.S. Department of Agriculture	Direct			10.310	Agriculture and Food Research Initiative	905,034	2,322
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	018000.342094.03	10.310	Agriculture and Food Research Initiative	19,218	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF ILLINOIS	103655-18414	10.310	Agriculture and Food Research Initiative	51,685	0
	U.S. Department of Agriculture	Pass-Through	NATIONAL 4-H COUNCIL	2021-67037-33376	10.310	Agriculture and Food Research Initiative	14,905	0
	U.S. Department of Agriculture	Pass-Through	OHIO STATE UNIVERSITY	SPC-1000005970 GR126641	10.310	Agriculture and Food Research Initiative	15,460	0
	U.S. Department of Agriculture				<b>Total - 10.310</b>		<b>1,006,302</b>	<b>2,322</b>
	U.S. Department of Agriculture	Direct			10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	196,048	0
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	024575G	10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	14,454	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF CALIFORNIA - DAVIS	A21-1335-S003	10.328	Natnl Food Safety Training, Educ, Extn, Outreach & Tech Asst Compet.Grant Prog	18,889	0
	U.S. Department of Agriculture				<b>Total - 10.328</b>		<b>229,391</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.329	Crop Protection and Pest Management Competitive Grants Program	261,357	0
	U.S. Department of Agriculture	Pass-Through	MICHIGAN STATE UNIVERSITY	RC108974M	10.329	Crop Protection and Pest Management Competitive Grants Program	2,206	0
	U.S. Department of Agriculture				<b>Total - 10.329</b>		<b>263,563</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	IOWA STATE UNIVERSITY	022840M	10.332	Agricultural Genome to Phenome Initiative	19,993	8,000
	U.S. Department of Agriculture	Pass-Through	FLORIDA A & M UNIVERSITY	C-5140	10.332	Agricultural Genome to Phenome Initiative	19,999	0
	U.S. Department of Agriculture				<b>Total - 10.332</b>		<b>39,992</b>	<b>8,000</b>
	U.S. Department of Agriculture	Pass-Through	HOOSIER UPLANDS ECONOMIC DEV CORP	2019-77028-29971	10.334	Enhancing Agricultural Opportunities for Military Veterans Competitive Grants	106,952	0
	U.S. Department of Agriculture	Direct			10.351	Rural Business Development Grant	16,153	0
	U.S. Department of Agriculture	Pass-Through	PEOPLES FOUNDATION	AO222501X443G039	10.443	Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers	185	0

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	U.S. Department of Agriculture	Pass-Through	PEOPLES FOUNDATION	LIFE 00087918	10.443	Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers	54,597	0
	U.S. Department of Agriculture				<b>Total - 10.443</b>		<b>54,782</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.475	Cooperative Agreements with States for Intrastate Meat and Poultry Inspection	11,886	0
	U.S. Department of Agriculture	Direct			10.500	Cooperative Extension Service	2,212,993	683,259
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2020-0885-01	10.500	Cooperative Extension Service	89,221	0
	U.S. Department of Agriculture	Pass-Through	NORTH CAROLINA STATE UNIVERSITY	2023-0590-01	10.500	Cooperative Extension Service	452	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0187-311	10.500	Cooperative Extension Service	2,903	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0187-312	10.500	Cooperative Extension Service	6,759	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0187-315	10.500	Cooperative Extension Service	29,074	0
	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0256-S002	10.500	Cooperative Extension Service	94,921	0
	U.S. Department of Agriculture	Pass-Through	KANSAS STATE UNIVERSITY	A22-0394-S009	10.500	Cooperative Extension Service	2,867	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION	NTAE-2021-2140	10.500	Cooperative Extension Service	14,508	0
	U.S. Department of Agriculture	Pass-Through	EXTENSION FOUNDATION - DO NOT USE	NTAE-2022-2200	10.500	Cooperative Extension Service	39,262	0
	U.S. Department of Agriculture	Pass-Through	ILLINOIS COOPERATIVE EXTENSION SERVICE	PO:P2288730	10.500	Cooperative Extension Service	51,430	0
	U.S. Department of Agriculture				<b>Total - 10.500</b>		<b>2,544,390</b>	<b>683,259</b>
	U.S. Department of Agriculture	Direct			10.511	Smith-Lever	8,872,678	0
	U.S. Department of Agriculture	Direct			10.514	Expanded Food and Nutrition Education Program	1,850,806	0
	U.S. Department of Agriculture	Direct			10.515	Renewable Resources Extension Act and National Focus Fund Project	38,625	0
	U.S. Department of Agriculture	Direct			10.516	Rural Health and Safety Education (RHSE)	218,487	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0207-019	10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	24,680	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF NEBRASKA	25-6324-0207-081	10.520	Agriculture Risk Management Education Partnerships Competitive Grants Program	8,497	0
	U.S. Department of Agriculture				<b>Total - 10.520</b>		<b>33,177</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101598-18251	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	143,209	0
	U.S. Department of Agriculture	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	101598-18253	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	49,766	0
	U.S. Department of Agriculture	Pass-Through	WASHINGTON STATE UNIVERSITY	139244 SPC002311	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	71,263	0
	U.S. Department of Agriculture	Pass-Through	IN STATE DEPARTMENT OF AGRICULTURE	56943 A337-22-NIFA21002	10.525	Farm and Ranch Stress Assistance Network Competitive Grants Program	120,948	0
	U.S. Department of Agriculture				<b>Total - 10.525</b>		<b>385,186</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	WELLS CTY REVITALIZATION COMMITTEE INC	USDA FARM TO SCHOOL	10.575	Farm to School Grant Program	5,315	0
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	215015	10.606	Food for Progress	150,737	0
	U.S. Department of Agriculture	Pass-Through	INTERNATIONAL EXECUTIVE SERVICE CORPS	235007	10.606	Food for Progress	5,643	0
	U.S. Department of Agriculture				<b>Total - 10.606</b>		<b>156,380</b>	<b>0</b>
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	080500.330891.02	10.674	Forest Products Lab: Technology Marketing Unit (TMU)	3,194	0
	U.S. Department of Agriculture	Pass-Through	VIRGINIA POLYTECHNIC INST & STATE UNIV	549123-19084	10.674	Forest Products Lab: Technology Marketing Unit (TMU)	1,714	0

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Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Agriculture				<b>Total - 10.674</b>		<b>4,908</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.680	Forest Health Protection	42,354	5,822
	U.S. Department of Agriculture	Direct			10.902	Soil and Water Conservation	17,959	0
	U.S. Department of Agriculture	Pass-Through	IN ASSOC OF SOIL & WATER CONSERV DIST	21014457	10.902	Soil and Water Conservation	52,350	0
	U.S. Department of Agriculture	Pass-Through	AMER SOC OF AG & BIO ENGINEERS	NR183A750007C006	10.902	Soil and Water Conservation	14,847	0
	U.S. Department of Agriculture				<b>Total - 10.902</b>		<b>85,156</b>	<b>0</b>
	U.S. Department of Agriculture	Direct			10.932	Regional Conservation Partnership Program	7,727	0
	U.S. Department of Agriculture	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000000703	10.U00	U.S. Department of Agriculture	9,523	0
	U.S. Department of Agriculture	Pass-Through	MISSISSIPPI STATE UNIVERSITY	025075	10.U01	U.S. Department of Agriculture	492	0
	<b>Total - U.S. Department of Agriculture</b>						<b>22,293,960</b>	<b>882,423</b>
Economic Development Cluster	U.S. Department of Commerce	Direct			11.307	Economic Adjustment Assistance	220,755	11,888
<b>Total - Economic Development Cluster</b>							<b>220,755</b>	<b>11,888</b>
	U.S. Department of Commerce	Direct			11.023	Science, Technology, Engineering, and Mathematics (STEM) Talent Challenge Progra	145,688	0
	U.S. Department of Commerce	Direct			11.303	Economic Development_Technical Assistance	136,364	0
	U.S. Department of Commerce	Direct			11.417*	Sea Grant Support	3,398,608	1,542,881
	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF MINNESOTA	D010061404	11.417*	Sea Grant Support	1,999	0
	U.S. Department of Commerce				<b>Total - 11.417*</b>		<b>3,400,607</b>	<b>1,542,881</b>
	U.S. Department of Commerce	Pass-Through	UNIVERSITY CORP FOR ATMOSPHERIC RESEARCH	SUBAWD001801	11.431	Climate and Atmospheric Research	13,375	0
	U.S. Department of Commerce	Direct			11.611	Manufacturing Extension Partnership	3,495,320	64,000
	U.S. Department of Commerce	Pass-Through	MISSOURI ENTERPRISE	21101569	11.611	Manufacturing Extension Partnership	118	0
	U.S. Department of Commerce	Pass-Through	MISSOURI ENTERPRISE	23024716	11.611	Manufacturing Extension Partnership	9,028	0
	U.S. Department of Commerce				<b>Total - 11.611</b>		<b>3,504,466</b>	<b>64,000</b>
	U.S. Department of Commerce	Direct			11.619	Arrangements for Interdisciplinary Research Infrastructure	125,271	25,000
	U.S. Department of Commerce	Pass-Through	UNIVERSITY OF NEW HAMPSHIRE	PZL0240	11.619	Arrangements for Interdisciplinary Research Infrastructure	11,523	0
	U.S. Department of Commerce				<b>Total - 11.619</b>		<b>136,794</b>	<b>25,000</b>
	U.S. Department of Commerce	Direct			11.620	Science, Technology, Business and/or Education Outreach	9,970	0
	U.S. Department of Commerce	Direct		1332KP21FNEEN0020	11.U00	U.S. Department of Commerce	668,183	0
	U.S. Department of Commerce	Direct		T.O.1332P22FNEEN0043	11.U01	U.S. Department of Commerce	52,501	0
	<b>Total - U.S. Department of Commerce</b>						<b>8,067,948</b>	<b>1,631,881</b>
	U.S. Department of Defense	Direct			12.355	Pest Management and Vector Control Research	22,863	0
	U.S. Department of Defense	Direct			12.617	Economic Adjustment Assistance for State Governments	191,754	0
	U.S. Department of Defense	Pass-Through	OFFICE OF LOCAL DEFENSE COMMUNITY COOP	HQ00052110029	12.617	Economic Adjustment Assistance for State Governments	619,496	0
	U.S. Department of Defense				<b>Total - 12.617</b>		<b>811,250</b>	<b>0</b>

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	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5635	12.750	Uniformed Services University Medical Research Projects	26,113	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5636	12.750	Uniformed Services University Medical Research Projects	3,276	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5797	12.750	Uniformed Services University Medical Research Projects	36,609	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	5798	12.750	Uniformed Services University Medical Research Projects	205,652	0
	U.S. Department of Defense	Pass-Through	HENRY M JACKSON FOUNDATION FOR THE	6016	12.750	Uniformed Services University Medical Research Projects	29,334	0
	U.S. Department of Defense				<b>Total - 12.750</b>		<b>300,984</b>	<b>0</b>
	U.S. Department of Defense	Direct			12.800	Air Force Defense Research Sciences Program	460,099	0
	U.S. Department of Defense	Pass-Through	CORNERSTONE RESEARCH GROUP	22122734	12.800	Air Force Defense Research Sciences Program	5,804	0
	U.S. Department of Defense				<b>Total - 12.800</b>		<b>465,903</b>	<b>0</b>
	U.S. Department of Defense	Direct			12.903	GenCyber Grants Program	143,307	0
	U.S. Department of Defense	Direct			12.905*	CyberSecurity Core Curriculum	4,042,271	1,668,023
	U.S. Department of Defense	Pass-Through	UNIVERSITY OF ALABAMA HUNTSVILLE	2020-1268	12.905*	CyberSecurity Core Curriculum	39,905	0
	U.S. Department of Defense	Pass-Through	NORWICH UNIVERSITY	22596-RS019	12.905*	CyberSecurity Core Curriculum	90,058	0
	U.S. Department of Defense				<b>Total - 12.905*</b>		<b>4,172,234</b>	<b>1,668,023</b>
	U.S. Department of Defense	Direct		CONTRACTF41999-20-D-0001	12.U00	U.S. Department of Defense	1,200,920	0
	U.S. Department of Defense	Pass-Through	EXO-ATMOSPHERIC TECHNOLOGIES LLC	190620-1	12.U01	U.S. Department of Defense	23,459	0
	U.S. Department of Defense	Direct		F1SRQ21092M002	12.U02	U.S. Department of Defense	94	0
	U.S. Department of Defense	Pass-Through	HYSONIC TECHNOLOGIES, LLC	21089929	12.U03	U.S. Department of Defense	-9	0
	U.S. Department of Defense	Direct		F1SRQ21287M001	12.U04	U.S. Department of Defense	2,118	0
	U.S. Department of Defense	Pass-Through	GHKN ENGINEERING, LLC	22079030	12.U05	U.S. Department of Defense	121,947	0
	U.S. Department of Defense	Pass-Through	EXO-ATMOSPHERIC TECHNOLOGIES LLC	131221-1	12.U06	U.S. Department of Defense	36,809	0
	U.S. Department of Defense	Pass-Through	TEXAS ENGINEERING EXPERIMENT STATION	M2103122	12.U07	U.S. Department of Defense	25,000	0
	U.S. Department of Defense	Pass-Through	MERCURY SYSTEMS, INC	PO22-1004	12.U08	U.S. Department of Defense	8,458	0
	U.S. Department of Defense	Direct		JROTC 23013621	12.U09	U.S. Department of Defense	577,147	0
	U.S. Department of Defense	Pass-Through	STREAMLINE AUTOMATION LLC	22067997	12.U10	U.S. Department of Defense	177,876	0
	U.S. Department of Defense	Pass-Through	IN SPACE, LLC	INS-42106-1	12.U11	U.S. Department of Defense	49,957	0
	U.S. Department of Defense	Pass-Through	CANOPY AEROSPACE, INC	23024255	12.U12	U.S. Department of Defense	35,000	0
	U.S. Department of Defense	Pass-Through	HYSONIC TECHNOLOGIES, LLC	23024685	12.U13	U.S. Department of Defense	51,111	0
	<b>Total - U.S. Department of Defense</b>						<b>8,226,428</b>	<b>1,668,023</b>
CDBG-Disaster Recover Grants Cluster	Housing & Urban Development	Pass-Through	FORT WAYNE, CITY OF	CO# 175PF193-5369-3067	14.272	National Disaster Resilience Competition	46,030	0
<b>Total - CDBG-Disaster Recover Grants Cluster</b>							<b>46,030</b>	<b>0</b>
	<b>Total - Housing &amp; Urban Development</b>						<b>46,030</b>	<b>0</b>
	U.S. Department of Interior	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	0000002241	15.662	Great Lakes Restoration	7,942	0

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	U.S. Department of Interior	Direct			15.945	Cooperative Research and Training Programs – Resources of the National Park Syst	20,614	0
	<b>Total - U.S. Department of Interior</b>						<b>28,556</b>	<b>0</b>
	U.S. Department of Justice	Pass-Through	UNIV. OF NORTH CAROLINA AT CHAPEL HILL	5125750	16.560	National Institute of Justice Research, Evaluation, and Development Project Gran	45,783	0
	U.S. Department of Justice	Pass-Through	NATIONAL 4-H COUNCIL	20881-008	16.726	Juvenile Mentoring Program	14,600	772
	U.S. Department of Justice	Direct			16.752	Economic, High-Tech, and Cyber Crime Prevention	235,705	54,571
	U.S. Department of Justice	Direct			16.839	STOP School Violence	160,231	0
	<b>Total - U.S. Department of Justice</b>						<b>456,319</b>	<b>55,343</b>
	U.S. Department of Labor	Direct			17.268	H-1B Job Training Grants	843,363	8,336
	<b>Total - U.S. Department of Labor</b>						<b>843,363</b>	<b>8,336</b>
	U.S. Department of State	Pass-Through	INTERNATIONAL RESEARCH & EXCHANGE BOARD	FY22-YALI-BE-PU-04	19.009	Academic Exchange Programs - Undergraduate Programs	139,078	0
	U.S. Department of State	Pass-Through	INTERNATIONAL RESEARCH & EXCHANGE BOARD	FY23-YALI-BE-PU-05	19.009	Academic Exchange Programs - Undergraduate Programs	56,160	0
	U.S. Department of State				<b>Total - 19.009</b>		<b>195,238</b>	<b>0</b>
	U.S. Department of State	Pass-Through	WORLD LEARNING	WLPURDUEILUA01-04	19.021	Investing in People in The Middle East and North Africa	58,594	0
	U.S. Department of State	Pass-Through	SAKARYA UNION OF CHAMBERS	19101220	19.040	Public Diplomacy Programs	2	0
	U.S. Department of State	Direct			19.415	Professional Exchanges_Annual Open Grant	238,088	0
	U.S. Department of State	Direct		100820A0336	19.U00	U.S. Department of State	-4	0
	U.S. Department of State	Pass-Through	THE HASHEMITE UNIVERSITY	22057321	19.U01	U.S. Department of State	-2,503	0
	<b>Total - U.S. Department of State</b>						<b>489,415</b>	<b>55,343</b>
	U.S. Department of Transportation	Direct			20.106	Airport Improvement Program	269,788	0
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4350	20.200	Highway Research & Development Program	47,746	0
	U.S. Department of Transportation	Pass-Through	IN DEPARTMENT OF TRANSPORTATION	SPR-4752	20.200	Highway Research & Development Program	3,388	0
	U.S. Department of Transportation				<b>Total - 20.200</b>		<b>51,134</b>	<b>0</b>
	U.S. Department of Transportation	Direct			20.215	Highway Training and Education	4,174	0
	U.S. Department of Transportation	Pass-Through	INTERVISTAS CONSULTING, INC	21090407	20.U00	U.S. Department of Transportation	762	0
	U.S. Department of Transportation	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	23035224	20.U01	U.S. Department of Transportation	6,000	0
	<b>Total - U.S. Department of Transportation</b>						<b>331,858</b>	<b>0</b>
	U.S. Department of Treasury	Pass-Through	NORTHWEST INDIANA FORUM FOUNDATION	23035774	21.027	COVID-19 CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	23,421	0
	U.S. Department of Treasury	Pass-Through	GREATER LAFAYETTE COMMERCE	23046583	21.027	COVID-19 CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	63,403	0
	U.S. Department of Treasury	Pass-Through	SCHNECK MEDICAL CENTER	23089199	21.027	COVID-19 CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	135	0
	U.S. Department of Treasury	Pass-Through	IN STATE DEPARTMENT OF HEALTH	66238	21.027	COVID-19 CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	112,693	0
	U.S. Department of Treasury	Pass-Through	IN STATE DEPARTMENT OF HEALTH	66239	21.027	COVID-19 CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	75,203	0
	U.S. Department of Treasury				<b>Total - 21.027</b>		<b>274,855</b>	<b>0</b>
	<b>Total - U.S. Department of Treasury</b>						<b>274,855</b>	<b>0</b>

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	National Aeronautics & Space Administration	Direct			43.001	Science	239,152	0
	National Aeronautics & Space Administration	Direct			43.008	Education	888,389	224,020
	National Aeronautics & Space Administration	Direct			43.012	Space Technology	540,783	0
	National Aeronautics & Space Administration	Pass-Through	IN SPACE, LLC	INS-41703-1	43.U00	National Aeronautics & Space Administration	-3,050	0
	National Aeronautics & Space Administration	Pass-Through	ROCKET PROPULSION SYSTEMS LLC	20067514	43.U01	National Aeronautics & Space Administration	7,149	0
	National Aeronautics & Space Administration	Pass-Through	STENNIS SPACE CENTER	80NSSC20P2088	43.U02	National Aeronautics & Space Administration	86	0
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0583-FY21	43.U03	National Aeronautics & Space Administration	-5,991	0
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0584-FY21	43.U04	National Aeronautics & Space Administration	56,131	0
	National Aeronautics & Space Administration	Pass-Through	JET PROPULSION LABORATORY	1665509	43.U05	National Aeronautics & Space Administration	93,633	0
	National Aeronautics & Space Administration	Pass-Through	OLD DOMINION UNIV RESEARCH FDN	21112656	43.U06	National Aeronautics & Space Administration	3,000	0
	National Aeronautics & Space Administration	Pass-Through	ULTRAMET	P.O. NO. 18634	43.U07	National Aeronautics & Space Administration	-6,481	0
	National Aeronautics & Space Administration	Direct		80NSSC22PA046	43.U08	National Aeronautics & Space Administration	112,760	0
	National Aeronautics & Space Administration	Pass-Through	ANALYTICAL MECHANICS ASSOC, INC	T3-0651-FY22	43.U09	National Aeronautics & Space Administration	174,270	0
	National Aeronautics & Space Administration	Pass-Through	FRONTIER AEROSPACE CORPORATION	22090356	43.U10	National Aeronautics & Space Administration	322,327	80,087
	National Aeronautics & Space Administration	Pass-Through	UNIVERSITY OF ARIZONA	GA-2021-8468	43.U11	National Aeronautics & Space Administration	3,767	0
	National Aeronautics & Space Administration	Pass-Through	IN SPACE, LLC	INS-42204-1	43.U12	National Aeronautics & Space Administration	14,458	0
	<b>Total - National Aeronautics &amp; Space Administration</b>						<b>2,440,383</b>	<b>304,107</b>
	National Endowment for the Arts & Humanities	Pass-Through	INDIANA HUMANITIES	20-2006	45.129	Promotion of the Humanities_Federal/State Partnership	21	0
	National Endowment for the Arts & Humanities	Direct			45.161	Promotion of the Humanities_Research	121,882	0
	National Endowment for the Arts & Humanities	Direct			45.313	Laura Bush 21st Century Librarian Program	104,629	4,317
	<b>Total - National Endowment for the Arts &amp; Humanities</b>						<b>226,532</b>	<b>4,317</b>
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	21090669	59.037	Small Business Development Center	-105	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-1-SBA-1061	59.037	Small Business Development Center	104,888	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-1-SBA-1071	59.037	Small Business Development Center	107,985	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-2-SBA-1069	59.037	Small Business Development Center	130,965	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1076 10008	59.037	Small Business Development Center	80,678	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1077	59.037	Small Business Development Center	149,651	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	A229-3-SBA-1079 424275	59.037	Small Business Development Center	73,876	0
	Small Business Administration	Pass-Through	IN ECONOMIC DEVELOPMENT CORPORATION	EDS A229-2-SBA-1063	59.037	Small Business Development Center	53,115	0
	Small Business Administration				<b>Total - 59.037</b>		<b>701,053</b>	<b>0</b>
	Small Business Administration	Direct			59.075	COVID-19 Shuttered Venue Operators Grant Program	359,259	0
	Small Business Administration	Pass-Through	NORTHEAST IN INNOVATION CTR, INC	22014402	59.U00	Small Business Administration	45,432	0
	<b>Total - Small Business Administration</b>						<b>1,105,744</b>	<b>0</b>

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	Department of Veterans Affairs	Direct		583C20272	64.U00	Department of Veteran's Affairs	81,488	0
	<b>Total - Department of Veterans Affairs</b>						<b>81,488</b>	<b>0</b>
	Environmental Protection Agency	Direct			66.436	Surveys, Studies, Investigations, Demonstrations, and Training Grants and Cooper	21,472	20,107
	Environmental Protection Agency	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	SUBAWARD 000001458	66.475	Gulf of Mexico Program	54,795	0
	Environmental Protection Agency	Direct			66.700	Consolidated Pesticide Enforcement Cooperative Agreements	771,000	0
	Environmental Protection Agency	Pass-Through	IN DEPARTMENT OF ENVIRONMENTAL MGMT	CONTRACT #38626	66.708	Pollution Prevention Grants Program	24,842	0
	Environmental Protection Agency	Pass-Through	IN DEPARTMENT OF ENVIRONMENTAL MGMT	CONTRACT #58554	66.708	Pollution Prevention Grants Program	32,760	0
	Environmental Protection Agency				<b>Total - 66.708</b>		<b>57,602</b>	<b>0</b>
	Environmental Protection Agency	Direct		68HERH23P0025	66.U00	Environmental Protection Agency	22,770	0
	<b>Total - Environmental Protection Agency</b>						<b>927,639</b>	<b>20,107</b>
	Nuclear Regulatory Commission	Direct			77.008	Nuclear Regulatory Commission Scholarship & Fellowship Program	158,064	0
	<b>Total - Nuclear Regulatory Commission</b>						<b>158,064</b>	<b>0</b>
	U.S. Department of Energy	Pass-Through	INDIANA OFFICE OF ENERGY DEVELOPMENT	68819	81.041	State Energy Program	2,500	0
	U.S. Department of Energy	Direct			81.121	Nuclear Energy Research, Development and Demonstration	155,392	0
	U.S. Department of Energy	Pass-Through	LOS ALAMOS NATIONAL LABORATORY	EP#50365	81.U00	U.S. Department of Energy	23,854	0
	U.S. Department of Energy	Direct		22046640	81.U01	U.S. Department of Energy	17,000	0
	U.S. Department of Energy	Direct		22122394	81.U02	U.S. Department of Energy	23,513	0
	U.S. Department of Energy	Pass-Through	SANDIA NATIONAL LABORATORIES	2479350	81.U03	U.S. Department of Energy	8,203	0
	<b>Total - U.S. Department of Energy</b>						<b>230,462</b>	<b>0</b>
TRIO Cluster	U.S. Department of Education	Direct			84.042	TRIO_Student Support Services	1,094,217	0
TRIO Cluster	U.S. Department of Education	Direct			84.044	TRIO_Talent Search	603,720	0
TRIO Cluster	U.S. Department of Education	Direct			84.047	TRIO_Upward Bound	768,352	0
TRIO Cluster	U.S. Department of Education	Direct			84.047A	TRIO_Regular Upward Bound Program	381,902	0
TRIO Cluster	U.S. Department of Education	Direct			84.047M	TRIO_Upward Bound Math-Science	113,397	0
TRIO Cluster	U.S. Department of Education	Direct			84.217	TRIO_McNair Post-Baccalaureate Achievement	165,439	0
TRIO Cluster	U.S. Department of Education	Direct			84.217A	TRIO_Ronald E. McNair Postbaccalaureate Achievement Program	161,255	0
<b>Total - TRIO Cluster</b>							<b>3,288,282</b>	<b>0</b>
	U.S. Department of Education	Pass-Through	INDIANA UNIVERSITY	4228746	84.015A	Title VI National Resource Centers (NRC) Program	4	0
	U.S. Department of Education	Pass-Through	INDIANA UNIVERSITY	ANTH 523	84.015A	Title VI National Resource Centers (NRC) Program	1,035	0
	U.S. Department of Education				<b>Total - 84.015A</b>		<b>1,039</b>	<b>0</b>
	U.S. Department of Education	Direct			84.206	Javits Gifted and Talented Students Education Grant Program	765,208	0
	U.S. Department of Education	Direct			84.305	Education Research, Development and Dissemination	54,105	0
	U.S. Department of Education	Pass-Through	LEHIGH UNIVERSITY	544220-78002	84.305	Education Research, Development and Dissemination	15,708	0

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	U.S. Department of Education				<b>Total - 84.305</b>		<b>69,813</b>	<b>0</b>
	U.S. Department of Education	Pass-Through	UNIVERSITY OF OREGON	281630A	84.325	Special Education - Personnel Development to Improve Services and Results for Ch	282,353	0
	U.S. Department of Education	Direct			84.325K	Interprofessional Education Supporting the High Intensity Needs	218,022	0
	U.S. Department of Education	Direct			84.334*	Gaining Early Awareness and Readiness for Undergraduate Programs	3,025,674	447,242
	U.S. Department of Education	Direct			84.336	Teacher Quality Enhancement Grants	477,147	0
	U.S. Department of Education	Direct			84.365	English Language Acquisition State Grants	794,300	0
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT# 43709	84.367	Improving Teacher Quality State Grants	-1,680	0
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT# 47253	84.367	Improving Teacher Quality State Grants	14,924	0
	U.S. Department of Education				<b>Total - 84.367</b>		<b>13,244</b>	<b>0</b>
	U.S. Department of Education	Direct			84.422B	American History and Civics National Activities	98,919	12,925
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT #48827	84.425C*	COVID-19 Governors Emergency Education Stabilization Fund	290,347	0
	U.S. Department of Education	Direct			84.425E*	COVID-19 Higher Education Education Stabilization Fund	1,763,884	0
	U.S. Department of Education	Direct			84.425F*	COVID-19 Higher Education Education Stabilization Fund	476,679	0
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT # 61754	84.425U*	COVID-19 Elementary and Secondary School Education Stabilization Fund	1,005,572	0
	U.S. Department of Education	Pass-Through	IN DEPARTMENT OF EDUCATION	CONTRACT 00071332	84.425U*	COVID-19 Elementary and Secondary School Education Stabilization Fund	59,886	0
	U.S. Department of Education				<b>Total - 84.425U*</b>		<b>1,065,458</b>	<b>0</b>
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84.U01	U.S. Department of Education	68,116	0
	U.S. Department of Education	Pass-Through	NISWONGER FOUNDATION	S411B200035	84.U02	U.S. Department of Education	24,601	0
	<b>Total - U.S. Department of Education</b>						<b>12,723,086</b>	<b>460,167</b>
	National Archives	Direct			89.003	National Historical Publications and Records Grants	56,990	0
	<b>Total - National Archives</b>						<b>56,990</b>	<b>0</b>
Health Center Program Cluster	U.S. Department of Health & Human Services	Direct			93.224	Consolidated Health Centers (Community Health Centers, Migrant Health Centers, H	4,013,131	0
Health Center Program Cluster	U.S. Department of Health & Human Services	Direct			93.527	Grants for New and Expanded Services under the Health Center Program	26,948	0
<b>Total - Health Center Program Cluster</b>							<b>4,040,079</b>	<b>0</b>
Head Start Cluster	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NEBRASKA-LINCOLN	24-6206-0003-003	93.600	Head Start	2,001	0
<b>Total - Head Start Cluster</b>							<b>2,001</b>	<b>0</b>
Medicaid Cluster	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	CONTRACT# 18963	93.778	Medical Assistance Program	-3,228	0
<b>Total - Medicaid Cluster</b>							<b>-3,228</b>	<b>0</b>
	U.S. Department of Health & Human Services	Direct			93.103	Food and Drug Administration_Research	26,725	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00062380	93.103	Food and Drug Administration_Research	34	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #56495	93.103	Food and Drug Administration_Research	5,298	0
	U.S. Department of Health & Human Services	Pass-Through	NATNL INST FOR PHRMCTCL TECH & EDUC	NIPE-U01-PU-2022-001	93.103	Food and Drug Administration_Research	1,674	0
	U.S. Department of Health & Human Services				<b>Total - 93.103</b>		<b>33,731</b>	<b>0</b>

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

Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT# 61735	93.136	Injury Prevention and Control Research and State and Community Based Programs	47,070	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT# 70327	93.136	Injury Prevention and Control Research and State and Community Based Programs	30,014	0
	U.S. Department of Health & Human Services				<b>Total - 93.136</b>		<b>77,084</b>	<b>0</b>
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF NORTH TEXAS	RAWD000050-SUB00212	93.155	Rural Health Research Centers	23,796	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE OFFICE OF RURAL HEALTH	64481	93.241	State Rural Hospital Flexibility Program	79,900	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE OFFICE OF RURAL HEALTH	CONTRACT #57361	93.241	State Rural Hospital Flexibility Program	14,000	0
	U.S. Department of Health & Human Services				<b>Total - 93.241</b>		<b>93,900</b>	<b>0</b>
	U.S. Department of Health & Human Services	Direct			93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	1,845	0
	U.S. Department of Health & Human Services	Pass-Through	UNIVERSITY OF WISCONSIN-MADISON	000002559	93.243	Substance Abuse and Mental Health Services_Projects of Regional and National Sig	32,439	0
	U.S. Department of Health & Human Services				<b>Total - 93.243</b>		<b>34,284</b>	<b>0</b>
	U.S. Department of Health & Human Services	Direct			93.247	Advanced Education Nursing Grant Program	733,505	62,814
	U.S. Department of Health & Human Services	Direct			93.262	Occupational Safety and Health Program	154,200	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT # 60019	93.391	Activities to Support (STLT) Health Department Response to Public Health	3,001	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00062889	93.391	Activities to Support (STLT) Health Department Response to Public Health	4,690	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #00063056	93.391	Activities to Support (STLT) Health Department Response to Public Health	9,532	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #55180	93.391	Activities to Support (STLT) Health Department Response to Public Health	2,759,669	35,927
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #6224	93.391	Activities to Support (STLT) Health Department Response to Public Health	166,664	0
	U.S. Department of Health & Human Services				<b>Total - 93.391</b>		<b>2,943,556</b>	<b>35,927</b>
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT #44744	93.426	Improving the Health of Americans through Prevention and Management of Diabetes	49,997	0
	U.S. Department of Health & Human Services	Direct			93.516	Public Health Training Centers Program	180,703	0
	U.S. Department of Health & Human Services	Direct			93.526	Affordable Care Act (ACA) Grants for Capital Development in Health Centers	522,099	0
	U.S. Department of Health & Human Services	Direct			93.788	Opioid STR	284,273	49,947
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	68206	93.788	Opioid STR	272,063	0
	U.S. Department of Health & Human Services	Pass-Through	IN FAMILY & SOCIAL SERVICES ADMIN	GRANT ID: 46898	93.788	Opioid STR	191,731	0
	U.S. Department of Health & Human Services				<b>Total - 93.788</b>		<b>748,067</b>	<b>49,947</b>
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT 63229	93.898	Cancer Prevention and Control Programs for State, Territorial and Tribal Organiz	9,710	0
	U.S. Department of Health & Human Services	Pass-Through	IN STATE DEPARTMENT OF HEALTH	CONTRACT 64906	93.898	Cancer Prevention and Control Programs for State, Territorial and Tribal Organiz	9,999	0
	U.S. Department of Health & Human Services				<b>Total - 93.898</b>		<b>19,709</b>	<b>0</b>
	U.S. Department of Health & Human Services	Direct			93.912	Rural Health Care Services Outreach and Rural Health Network Development Program	332,467	97,015
	U.S. Department of Health & Human Services	Pass-Through	OHIO STATE UNIVERSITY	SPC-100007407/GR128842	93.958	Block Grants for Community Mental Health Services	12,784	0
	U.S. Department of Health & Human Services	Pass-Through	GREENE COUNTY FOUNDATION	22046471	93.959	Block Grants for Prevention and Treatment of Substance Abuse	10,243	0
	U.S. Department of Health & Human Services	Direct		20112138	93.U00	U.S. Department of Health & Human Services	3,607	0
	U.S. Department of Health & Human Services	Direct		IPA- JOEL NICOLAS	93.U01	U.S. Department of Health & Human Services	539	0

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

Purdue University  
Schedule of Expenditures of Federal Awards  
For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	U.S. Department of Health & Human Services	Direct		HHSF223201850066A	93.U02	U.S. Department of Health & Human Services	51,837	0
	U.S. Department of Health & Human Services	Direct		21112239	93.U03	U.S. Department of Health & Human Services	6,957	0
	U.S. Department of Health & Human Services	Direct		21112238	93.U04	U.S. Department of Health & Human Services	20,833	0
	U.S. Department of Health & Human Services	Direct		HHSF223201850066A	93.U05	U.S. Department of Health & Human Services	86,212	0
	U.S. Department of Health & Human Services	Direct		23024452	93.U06	U.S. Department of Health & Human Services	29,191	0
	U.S. Department of Health & Human Services	Direct		75F40123C00043	93.U07	U.S. Department of Health & Human Services	9,026	0
	<b>Total - U.S. Department of Health &amp; Human Services</b>						<b>10,215,178</b>	<b>245,703</b>
	AmeriCorps	Pass-Through	IN DEPT OF WORKFORCE DEVELOPMENT	56405	94.006	AmeriCorps	36	0
	AmeriCorps	Pass-Through	IN DEPT OF WORKFORCE DEVELOPMENT	CONTRACT #57030	94.006	AmeriCorps	43,668	0
	AmeriCorps	Pass-Through	IN DEPT OF WORKFORCE DEVELOPMENT	CONTRACT #67758	94.006	AmeriCorps	147,992	0
	AmeriCorps				<b>Total - 94.006</b>		<b>191,696</b>	<b>0</b>
	<b>Total - AmeriCorps</b>						<b>191,696</b>	<b>0</b>
	U.S. Department of Homeland Security	Direct			97.005	State and Local Homeland Security Training Program	389,282	88,033
	<b>Total - U.S. Department of Homeland Security</b>						<b>389,282</b>	<b>88,033</b>
	Agency for International Development	Direct			98.001*	USAID Foreign Assistance for Programs Overseas	2,657,192	1,171,709
	Agency for International Development	Pass-Through	PUBLIC HEALTH INSTITUTE	02155	98.001*	USAID Foreign Assistance for Programs Overseas	794	0
	Agency for International Development	Pass-Through	UNIV OF ILLINOIS AT CHAMPAIGN-URBANA	072112-18044	98.001*	USAID Foreign Assistance for Programs Overseas	951	0
	Agency for International Development	Pass-Through	TUFTS UNIVERSITY	104042	98.001*	USAID Foreign Assistance for Programs Overseas	90,214	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	A00-0868-S020	98.001*	USAID Foreign Assistance for Programs Overseas	117,847	0
	Agency for International Development	Pass-Through	INTNL INST OF TROPICAL AGRICULTURE	AG-5557	98.001*	USAID Foreign Assistance for Programs Overseas	59,630	0
	Agency for International Development	Pass-Through	CIMMYT, INT.	AIDI-2023	98.001*	USAID Foreign Assistance for Programs Overseas	27,148	0
	Agency for International Development	Pass-Through	ACDI/VOCA	J2052-02	98.001*	USAID Foreign Assistance for Programs Overseas	21,823	0
	Agency for International Development	Pass-Through	U.S. PHARMACOPEIA	PQM+-21-11	98.001*	USAID Foreign Assistance for Programs Overseas	226,856	0
	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114878 - PU2	98.001*	USAID Foreign Assistance for Programs Overseas	68,423	0
	Agency for International Development	Pass-Through	MICHIGAN STATE UNIVERSITY	RC114879 - PU3	98.001*	USAID Foreign Assistance for Programs Overseas	178,513	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19170	98.001*	USAID Foreign Assistance for Programs Overseas	256,420	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19172	98.001*	USAID Foreign Assistance for Programs Overseas	147,473	0
	Agency for International Development	Pass-Through	KANSAS STATE UNIVERSITY	S19186	98.001*	USAID Foreign Assistance for Programs Overseas	143,867	42,614
	Agency for International Development	Pass-Through	PARTNERS OF THE AMERICAS INC	SG-2020-1	98.001*	USAID Foreign Assistance for Programs Overseas	220,433	89,314
	Agency for International Development				<b>Total - 98.001*</b>		<b>4,217,584</b>	<b>1,303,637</b>
	Agency for International Development	Pass-Through	UNIV NACIONAL AGRARIA LA MOLINA	7200AA21CA00030	98.012	USAID Development Partnerships for University Cooperation and Development	273,798	0
	Agency for International Development	Direct		720BHA21CA00012	98.U00	Agency for International Development	173,364	116,156
	Agency for International Development	Pass-Through	FLORIDA INTERNATIONAL UNIVERSITY	000447	98.U01	Agency for International Development	113,224	0

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

Purdue University  
 Schedule of Expenditures of Federal Awards  
 For the Year Ended June 30, 2023

Clusters	Federal Grantor	Type	Pass-Through Grantor	Award Identifier	ALN	ALN Program Title	Federal Expenditures	Subrecipient Expenditures
	Agency for International Development	Pass-Through	UNIVERSITY OF GEORGIA	20220114	98.U02	Agency for International Development	5,504	0
	Agency for International Development	Pass-Through	EGYPTIAN CULTURAL AND EDUCATIONAL BUREAU	GSP-T 179	98.U03	Agency for International Development	10,284	0
	Agency for International Development	Pass-Through	EGYPTIAN CULTURAL AND EDUCATIONAL BUREAU	GSP-T 178	98.U04	Agency for International Development	10,284	0
	<b>Total - Agency for International Development</b>						<b>4,804,042</b>	<b>1,419,793</b>
<b>Total - Other Programs</b>							<b>74,832,074</b>	<b>6,800,121</b>
<b>Grand Total</b>							<b>650,512,492</b>	<b>54,335,035</b>

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

**PURDUE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**June 30, 2023**

**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.

**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.

Classification of expenditures is based on management's evaluation of whether the activity type and objective of the federal award or individual project, as explained in the federal award, meets the definitions of organized research, instruction and other sponsored programs, as defined in Uniform Guidance (Appendix III to Part 200). 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.

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

**PURDUE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**June 30, 2023**  
**(Continued)**

**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 2022-23 federal capital contributions and adjustments were:

Balance, July 1, 2022	\$ 1,901,699
Net Federal Capital Contributions: Federal Perkins Loan Program	<u>5,052,217</u>
Balance, June 30, 2023	<u>\$ 6,953,916</u>

Amounts loaned to students are recorded as notes receivable. Gross student notes receivable outstanding as of June 30, 2023 were:

<u>Program Title</u>	<u>Federal ALN Number</u>	<u>Amount</u>
Federal Perkins Loan Program	84.038	\$ 4,532,905
Health Professions Student Loans	93.342	<u>3,264,004</u>
Total Student Notes Receivable		<u>\$ 7,796,909</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, 2023, the University had the following gross loan activity related to new loans under this program:

<u>Program</u>	<u>Federal ALN</u>	<u>Number of Loans Issued</u>	<u>Amount</u>
Federal Stafford Loans	84.268	23,795	\$120,873,106
Federal PLUS Loans	84.268	<u>2,373</u>	<u>42,561,777</u>
Totals		<u>26,168</u>	<u>\$ 163,434,883</u>

**Note 5. Adjustments and Transfers**

As allowable and in accordance with federal regulations issued by the U.S. Department of Education, the University transferred \$494,670 of Federal Work-Study Program (ALN 84.033) funds to the Federal Supplemental Educational Opportunity Grant (ALN 84.007).

The University carried forward \$157,572 of the 2022-2023 Federal Work-Study Program (ALN 84.033) funds to provide aid to students in 2023-2024. In addition, the University carried forward \$85,987 of the 2021-2022 Federal Work-Study Program funds to provide aid to students in 2022-2023.

**PURDUE UNIVERSITY**  
**NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
**June 30, 2023**  
**(Continued)**

**Note 6. Assistance Listing Numbers**

All programs with identifiable Assistance Listing numbers have been listed separately. Award numbers have been provided for all programs for which Assistance Listing numbers were not available. Programs without an identifiable Assistance Listing number are identified by agency number only. If the agency number is not known, the program is listed using an agency number of 99.



## Schedule of Findings and Questioned Costs

Year Ended June 30, 2023

### Section I - Summary of Auditor's Results

#### Financial Statements

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

- Material weakness(es) identified? \_\_\_\_\_ Yes      X   No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? \_\_\_\_\_ Yes      X   None reported
- Noncompliance material to financial statements noted? \_\_\_\_\_ Yes      X   None reported

#### Federal Awards

Internal control over major programs:

- Material weakness(es) identified? \_\_\_\_\_ Yes      X   No
- Significant deficiency(ies) identified that are not considered to be material weaknesses?   X   Yes    \_\_\_\_\_ None reported

Any audit findings disclosed that are required to be reported in accordance with Section 2 CFR 200.516(a)?   X   Yes    \_\_\_\_\_ No

Identification of major programs:

ALN	Name of Federal Program or Cluster	Opinion
Various	Research and Development Cluster	Unmodified
11.417	Sea Grant Support	Unmodified
12.905	CyberSecurity Core Curriculum	Unmodified
84.334	Gaining Early Awareness and Readiness for Undergraduate Programs	Unmodified
84.425	COVID-19 Education Stabilization Fund	Unmodified
98.001	USAID Foreign Assistance for Programs Overseas	Unmodified

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

Auditee qualified as low-risk auditee? \_\_\_\_\_ Yes      X   No

### Section II - Financial Statement Audit Findings

**Current Year**    None

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2023

Section III - Federal Program Audit Findings

Reference Number	Finding
2023-001	<p><b>Assistance Listing Number, Federal Agency, and Program Name</b> - Research and Development Cluster:</p> <ul style="list-style-type: none"> <li>- 47.041, National Science Foundation, Engineering Grants</li> <li>- 93.855, U.S. Department of Health and Human Services, Allergy, Immunology and Transplantation Research</li> <li>- 12.910, U.S. Department of Interior, Research and Technology Development (R &amp; D)</li> <li>- 12.431, U.S. Department of Defense, Basic Scientific Research</li> </ul> <p><b>Federal Award Identification Number and Year</b></p> <ul style="list-style-type: none"> <li>- 47.041 - 1855937-CBET</li> <li>- 93.855 - 5R01AI158220-02</li> <li>- 12.910 - D18AC00024</li> <li>- 12.431 - W52P1J-22-9-3009; W52P1J-20-9-3009-10</li> </ul> <p><b>Pass-through Entity</b> - N/A</p> <p><b>Finding Type</b> - Significant deficiency</p> <p><b>Repeat Finding</b> - No</p> <p><b>Criteria</b> - As outlined in 2 CFR 200.305(b)(3), when the reimbursement method is used for payment, organizations must make a payment within 30 calendar days after receipt of the billing unless the federal awarding agency or pass-through entity reasonably believes the request to be improper.</p> <p><b>Condition</b> - The University did not have adequate controls in place to ensure invoices to subrecipients were paid timely within the 30-calendar-day requirement.</p> <p><b>Questioned Costs</b> - There were no questioned costs identified.</p> <p><b>Identification of How Questioned Costs Were Computed</b> - There were no questioned costs identified.</p> <p><b>Context</b> - Out of 60 payments to subrecipients that were tested related to the R&amp;D Cluster, 8 were made after the 30-calendar-day requirement. In all samples tested, payment was made to the subrecipient; however, the delayed payments ranged from 31-49 days between the invoice being received by the University and payment being made to the subrecipient.</p> <p><b>Cause and Effect</b> - While the University had effective controls that were successful in achieving the 30-calendar-day requirement for 52 samples, the University failed to provide supplemental support and preventive controls during a period when it was addressing an issue that prevented timely payment for certain subrecipients.</p> <p><b>Recommendation</b> - The University should ensure appropriate training of employees is taking place and a preventive control is implemented to ensure that payments are made within the required timeline.</p>

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## Schedule of Findings and Questioned Costs (Continued)

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Year Ended June 30, 2023

### Section III - Federal Program Audit Findings (Continued)

Reference Number	Finding
2023-001 (cont.)	<p><b>Views of Responsible Officials and Corrective Action Plan</b> - Purdue University will address the recommendations and implement the following preventive controls to ensure that payments are made within the required timeline.</p> <ol style="list-style-type: none"><li>1. The Office of Research will increase the priority around the 30-day processing deadline mandated by the Uniform Guidance 2 FR 200.305 (b)(3). This will be accomplished through communications, training, and expectation setting with the following audiences:<ol style="list-style-type: none"><li>a. Principal investigators of active grants with sub-awards<ol style="list-style-type: none"><li>i. Blanket communication</li><li>ii. Add the expected turnaround time on each subrecipient communication when seeking principal investigator review and approval</li></ol></li><li>b. Sub-award team in sponsored program<ol style="list-style-type: none"><li>i. Blanket communication</li><li>ii. Add the expected turnaround time to the expectations document for each sub-award team member</li><li>iii. Add sub-recipient payment deadlines to the mandatory training for the sub-award team</li><li>iv. Update payment terms to “Payable immediately Due net; Based on Doc Date” for all subrecipient invoices</li></ol></li></ol></li><li>2. We will begin using the date the invoice is received at Purdue University in our financial system instead of the date on the invoice for tracking purposes.</li><li>3. Create a report for internal reporting and tracking of pending subinvoices to improve awareness of payments approaching the 30-day deadline.</li></ol>