
Michigan State University

Federal Awards Supplemental Information
June 30, 2024

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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
Michigan State University

We have audited the financial statements of the business-type activities and discretely presented component unit of Michigan State University (the "University") as of and for the year ended June 30, 2024 and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 25, 2024, which contained an unmodified opinion on the financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to October 25, 2024. We did not audit the financial statements of Michigan State University Research Foundation, which represent all of the assets, net assets, and revenue of the discretely presented component unit. Those financial statements were audited by other auditors, whose report thereon has been furnished to us, and our opinion, insofar as it relates to the amounts included for Michigan State University Research Foundation, is based on the report of the other auditors.

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 basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the financial statements as a whole.

Plante & Moran, PLLC

March 19, 2025

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
Michigan State 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 basic financial statements of the business-type activities and discretely presented component unit of Michigan State University (the "University") as of and for the year ended June 30, 2024 and the related notes to the basic financial statements, which collectively comprise the University's basic financial statements and have issued our report thereon dated October 25, 2024. Our report includes a reference to other auditors who audited the financial statements of Michigan State University Research Foundation (the "Foundation"), as described in our report on Michigan State University's financial statements. The financial statements of the Foundation 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 the Foundation or that are reported on separately by those auditors who audited the financial statements of the 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
Michigan State 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 25, 2024

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
Michigan State University

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited Michigan State 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, 2024. 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, 2024.

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.

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
Michigan State 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 certain 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 2024-001 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
Michigan State University

Government Auditing Standards requires the auditor to perform limited procedures on Michigan State 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 & Moreau, PLLC

March 19, 2025

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER						
U.S. Dept of Agriculture	Direct	10.001	58-0202-0-177	AGRICULTURAL RESEARCH SERVICE	\$ 761,471	\$ -
U.S. Dept of Agriculture	Direct	10.001	58-0206-1-187	AGRICULTURAL RESEARCH SERVICE	58,692	-
U.S. Dept of Agriculture	Direct	10.001	58-2034-3-432	AGRICULTURAL RESEARCH SERVICE	7,076	-
U.S. Dept of Agriculture	Direct	10.001	58-2054-2-002	AGRICULTURAL RESEARCH SERVICE	4,350	-
U.S. Dept of Agriculture	Direct	10.001	58-2072-0-059	AGRICULTURAL RESEARCH SERVICE	87,743	-
U.S. Dept of Agriculture	Direct	10.001	58-3020-3-016	AGRICULTURAL RESEARCH SERVICE	3,814	-
U.S. Dept of Agriculture	Direct	10.001	58-3060-1-024	AGRICULTURAL RESEARCH SERVICE	55,406	-
U.S. Dept of Agriculture	Direct	10.001	58-3060-2-018	AGRICULTURAL RESEARCH SERVICE	71,131	10,337
U.S. Dept of Agriculture	Direct	10.001	58-3060-2-020	AGRICULTURAL RESEARCH SERVICE	51,054	-
U.S. Dept of Agriculture	Direct	10.001	58-3060-2-038	AGRICULTURAL RESEARCH SERVICE	77,549	-
U.S. Dept of Agriculture	Direct	10.001	58-3060-8-022	AGRICULTURAL RESEARCH SERVICE	(6,143)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-0-001	AGRICULTURAL RESEARCH SERVICE	16,819	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-0-002	AGRICULTURAL RESEARCH SERVICE	(353)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-1-001	AGRICULTURAL RESEARCH SERVICE	(26,902)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-1-002	AGRICULTURAL RESEARCH SERVICE	2,359	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-1-004	AGRICULTURAL RESEARCH SERVICE	(944)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-1-008	AGRICULTURAL RESEARCH SERVICE	(177)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-1-007	AGRICULTURAL RESEARCH SERVICE	(29,482)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-004	AGRICULTURAL RESEARCH SERVICE	6,430	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-005	AGRICULTURAL RESEARCH SERVICE	702	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-006	AGRICULTURAL RESEARCH SERVICE	(5,967)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-007	AGRICULTURAL RESEARCH SERVICE	7,322	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-008	AGRICULTURAL RESEARCH SERVICE	44,485	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-009	AGRICULTURAL RESEARCH SERVICE	8,616	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-010	AGRICULTURAL RESEARCH SERVICE	18,690	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-011	AGRICULTURAL RESEARCH SERVICE	17,121	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-2-012	AGRICULTURAL RESEARCH SERVICE	38,860	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-003	AGRICULTURAL RESEARCH SERVICE	27,651	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-005	AGRICULTURAL RESEARCH SERVICE	115,547	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-006	AGRICULTURAL RESEARCH SERVICE	164,516	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-007	AGRICULTURAL RESEARCH SERVICE	84,191	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-009	AGRICULTURAL RESEARCH SERVICE	96,082	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-010	AGRICULTURAL RESEARCH SERVICE	1,502	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-3-012	AGRICULTURAL RESEARCH SERVICE	95,746	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-4-002	AGRICULTURAL RESEARCH SERVICE	7,920	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-4-004	AGRICULTURAL RESEARCH SERVICE	5,867	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-8-008	AGRICULTURAL RESEARCH SERVICE	(991)	-
U.S. Dept of Agriculture	Direct	10.001	58-5050-9-001	AGRICULTURAL RESEARCH SERVICE	2,267	-
U.S. Dept of Agriculture	Direct	10.001	58-5070-2-018	US DEPT OF AGRICULTURE	60,615	20,984
U.S. Dept of Agriculture	Direct	10.001	58-5082-3-028	AGRICULTURAL RESEARCH SERVICE	26,031	-
U.S. Dept of Agriculture	Direct	10.001	58-5082-8-023	AGRICULTURAL RESEARCH SERVICE	23,202	-
U.S. Dept of Agriculture	Direct	10.001	58-5090-0-025	AGRICULTURAL RESEARCH SERVICE	(4,521)	-
U.S. Dept of Agriculture	Direct	10.001	58-5090-3-027	AGRICULTURAL RESEARCH SERVICE	37,468	-
U.S. Dept of Agriculture	Direct	10.001	58-8042-1-034	AGRICULTURAL RESEARCH SERVICE	(192)	-
U.S. Dept of Agriculture	Direct	10.001	58-8042-2-062	AGRICULTURAL RESEARCH SERVICE	2,807	-
U.S. Dept of Agriculture	Direct	10.001	58-8042-3-060	AGRICULTURAL RESEARCH SERVICE	1,851	-
U.S. Dept of Agriculture	Direct	10.001	58-8042-4-146	AGRICULTURAL RESEARCH SERVICE	3,694	-
U.S. Dept of Agriculture	Direct	10.001	58-8060-1-004	AGRICULTURAL RESEARCH SERVICE	(9,253)	-
U.S. Dept of Agriculture	Direct	10.001	58-8060-2-009	AGRICULTURAL RESEARCH SERVICE	116,230	-
U.S. Dept of Agriculture	Direct	10.001	58-8064-2-013	AGRICULTURAL RESEARCH SERVICE	18,393	-
U.S. Dept of Agriculture	Direct	10.001	59-0206-0-114	AGRICULTURAL RESEARCH SERVICE	(12,785)	-
U.S. Dept of Agriculture	Direct	10.001	59-0206-2-100	AGRICULTURAL RESEARCH SERVICE	69,534	-
U.S. Dept of Agriculture	Direct	10.001	59-0206-2-135	AGRICULTURAL RESEARCH SERVICE	69,592	-
U.S. Dept of Agriculture	Direct	10.001	59-0206-8-215	AGRICULTURAL RESEARCH SERVICE	(2,341)	-
U.S. Dept of Agriculture	Direct	10.001	59-5050-3-001	AGRICULTURAL RESEARCH SERVICE	99,541	-
U.S. Dept of Agriculture	Direct	10.001	59-8062-4-002	US DEPT OF AGRICULTURE	1,488	-
U.S. Dept of Agriculture	Direct	10.025	AP21PPQS&T00C018	ANIMAL & PLANT HEALTH INSPECTION SERVICE	(26)	-
U.S. Dept of Agriculture	Direct	10.025	AP21PPQS&T00C136	ANIMAL & PLANT HEALTH INSPECTION SERVICE	(7)	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQF0000C459	ANIMAL & PLANT HEALTH INSPECTION SERVICE	67,761	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQS& T00C010	ANIMAL & PLANT HEALTH INSPECTION SERVICE	12,629	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQS&T00C017	ANIMAL & PLANT HEALTH INSPECTION SERVICE	37,519	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQS&T00C066	ANIMAL & PLANT HEALTH INSPECTION SERVICE	46,953	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQS&T00C169	ANIMAL & PLANT HEALTH INSPECTION SERVICE	30,060	-
U.S. Dept of Agriculture	Direct	10.025	AP22PPQS&T00C181	ANIMAL & PLANT HEALTH INSPECTION SERVICE	3,930	-
U.S. Dept of Agriculture	Direct	10.025	AP22VSD&800C021	ANIMAL & PLANT HEALTH INSPECTION SERVICE	160,966	-
U.S. Dept of Agriculture	Direct	10.025	AP23PPQF0000C533	ANIMAL & PLANT HEALTH INSPECTION SERVICE	34,926	-
U.S. Dept of Agriculture	Direct	10.025	AP23PPQS&T00C115	ANIMAL & PLANT HEALTH INSPECTION SERVICE	146,637	-
U.S. Dept of Agriculture	Direct	10.025	AP23PPQS&T00C141	ANIMAL & PLANT HEALTH INSPECTION SERVICE	20,232	-
U.S. Dept of Agriculture	Direct	10.025	AP23PPQS&T00C145	ANIMAL & PLANT HEALTH INSPECTION SERVICE	25,000	-
U.S. Dept of Agriculture	Direct	10.025	AP24PPQS&T00C015	ANIMAL & PLANT HEALTH INSPECTION SERVICE	1,520	-
U.S. Dept of Agriculture	Direct	10.028	AP22WSNWR00C0024	ANIMAL & PLANT HEALTH INSPECTION SERVICE	134,844	-
U.S. Dept of Agriculture	Direct	10.028	AP22WSNWR00C00C86	ANIMAL & PLANT HEALTH INSPECTION SERVICE	54,256	-
U.S. Dept of Agriculture	Direct	10.028	AP23WSNWR00C0C127	ANIMAL & PLANT HEALTH INSPECTION SERVICE	1,306	-
U.S. Dept of Agriculture	Direct	10.069	FBC21CPT0011802	USDA- FARM SERVICE AGENCY	812,631	47,550
U.S. Dept of Agriculture	Direct	10.164	21-TMMSD-MI-0002	AGRICULTURAL MARKETING SERVICE	39,642	-
U.S. Dept of Agriculture	Direct	10.164	22-TMMSD-MI-0011	AGRICULTURAL MARKETING SERVICE	73,999	30,974
U.S. Dept of Agriculture	Direct	10.164	23-TMLRF-MI-0027	AGRICULTURAL MARKETING SERVICE	79,168	11,334
U.S. Dept of Agriculture	Direct	10.174	21ACERMI1009	AGRICULTURAL MARKETING SERVICE	173,084	-
U.S. Dept of Agriculture	Direct	10.174	23ACERMI1026-00	AGRICULTURAL MARKETING SERVICE	51,023	39,410
U.S. Dept of Agriculture	Direct	10.174	AM200100XXXG010	US DEPT OF AGRICULTURE	102,401	-
U.S. Dept of Agriculture	Direct	10.175	23FMPPM1184-00	US DEPT OF AGRICULTURE	1,555	-
U.S. Dept of Agriculture	Direct	10.200	2020-70007-32410	NATIONAL INST OF FOOD & AGRICULTURE	70,778	-
U.S. Dept of Agriculture	Direct	10.200	2021-34114-135447	NATIONAL INST OF FOOD & AGRICULTURE	483,758	389,330
U.S. Dept of Agriculture	Direct	10.200	2022-38624-38368	NATIONAL INST OF FOOD & AGRICULTURE	250,343	174,956
U.S. Dept of Agriculture	Direct	10.200	2023-34114-141020	NATIONAL INST OF FOOD & AGRICULTURE	492,733	307,336
U.S. Dept of Agriculture	Direct	10.202	N21MSCFRXXXG021-MCINTIRE-STENNIS	US DEPT OF AGRICULTURE	6,780	-
U.S. Dept of Agriculture	Direct	10.202	N21MSCFRXXXG021-MCINTIRE-STENNIS	US DEPT OF AGRICULTURE	9,026	-
U.S. Dept of Agriculture	Direct	10.202	N21MSCFRXXXG021-MCINTIRE-STENNIS	US DEPT OF AGRICULTURE	34,667	-
U.S. Dept of Agriculture	Direct	10.202	N21MSCFRXXXG021-MCINTIRE-STENNIS	US DEPT OF AGRICULTURE	79,423	-
U.S. Dept of Agriculture	Direct	10.202	N21MSCFRXXXG021-MCINTIRE-STENNIS	US DEPT OF AGRICULTURE	173,068	-
U.S. Dept of Agriculture	Direct	10.202	N23MSCFRXXXG003	US DEPT OF AGRICULTURE	26,258	-
U.S. Dept of Agriculture	Direct	10.202	N23MSCFRXXXG003	US DEPT OF AGRICULTURE	32,311	-
U.S. Dept of Agriculture	Direct	10.202	N23MSCFRXXXG003	US DEPT OF AGRICULTURE	44,447	-
U.S. Dept of Agriculture	Direct	10.202	N24MSCFRXXXG019	US DEPT OF AGRICULTURE	15,492	-
U.S. Dept of Agriculture	Direct	10.202	N24MSCFRXXXG019	US DEPT OF AGRICULTURE	19,909	-
U.S. Dept of Agriculture	Direct	10.202	N24MSCFRXXXG019	US DEPT OF AGRICULTURE	34,409	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	\$ 7,443	\$ -
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	7,591	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	11,790	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	18,805	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	20,084	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	54,043	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	109,346	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	129,348	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	154,898	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	192,862	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	206,097	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	216,884	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	234,950	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	331,736	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	430,628	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	464,509	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	511,157	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	597,655	-
U.S. Dept of Agriculture	Direct	10.203	N21HFPXXXXG005-HATCH	US DEPT OF AGRICULTURE	967,921	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	(15,133)	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	(6,467)	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	2,568	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	5,735	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	5,820	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	6,246	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	6,569	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	10,897	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	25,581	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	27,475	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	31,654	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	33,640	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	43,000	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	67,290	-
U.S. Dept of Agriculture	Direct	10.203	N21HMFXXXXG027-HATCH MULTISTATE	US DEPT OF AGRICULTURE	80,843	-
U.S. Dept of Agriculture	Direct	10.203	N22HFPXXXXG010-HATCH	US DEPT OF AGRICULTURE	81,056	-
U.S. Dept of Agriculture	Direct	10.203	N22HFPXXXXG010-HATCH	US DEPT OF AGRICULTURE	126,025	-
U.S. Dept of Agriculture	Direct	10.203	N22HFPXXXXG010-HATCH	US DEPT OF AGRICULTURE	184,827	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	(3,372)	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	(1,833)	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	(1,271)	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	2,025	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	3,488	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	4,397	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	5,304	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	7,430	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	8,779	-
U.S. Dept of Agriculture	Direct	10.203	N22HMFXXXXG053-HATCH MULTISTATE	US DEPT OF AGRICULTURE	14,145	-
U.S. Dept of Agriculture	Direct	10.203	N23HFPXXXXG018	US DEPT OF AGRICULTURE	17,556	-
U.S. Dept of Agriculture	Direct	10.203	N23HMFXXXXG001	US DEPT OF AGRICULTURE	1,839	-
U.S. Dept of Agriculture	Direct	10.203	N23HMFXXXXG001	US DEPT OF AGRICULTURE	13,494	-
U.S. Dept of Agriculture	Direct	10.203	N23HMFXXXXG001	US DEPT OF AGRICULTURE	22,276	-
U.S. Dept of Agriculture	Direct	10.203	N23HMFXXXXG001	US DEPT OF AGRICULTURE	23,285	-
U.S. Dept of Agriculture	Direct	10.203	N23HMFXXXXG001	US DEPT OF AGRICULTURE	29,625	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	5,247	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	9,420	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	13,304	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	14,112	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	23,392	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	24,607	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	30,773	-
U.S. Dept of Agriculture	Direct	10.203	N24HMFXXXXG002	US DEPT OF AGRICULTURE	57,384	-
U.S. Dept of Agriculture	Direct	10.207	N234HDRXXXXG024	US DEPT OF AGRICULTURE	11,016	-
U.S. Dept of Agriculture	Direct	10.207	N244HDRXXXXG030	US DEPT OF AGRICULTURE	9,798	-
U.S. Dept of Agriculture	Direct	10.219	2018-33522-28736	NATIONAL INST OF FOOD & AGRICULTURE	7,976	-
U.S. Dept of Agriculture	Direct	10.250	58-3000-1-0108	ECONOMIC RESEARCH SERVICE	56,871	-
U.S. Dept of Agriculture	Direct	10.250	58-3000-3-0067	ECONOMIC RESEARCH SERVICE	45,373	-
U.S. Dept of Agriculture	Direct	10.250	58-6000-1-0125	ECONOMIC RESEARCH SERVICE	182,434	-
U.S. Dept of Agriculture	Direct	10.303	2018-51106-28776	NATIONAL INST OF FOOD & AGRICULTURE	(52,317)	-
U.S. Dept of Agriculture	Direct	10.304	2016-37620-25765	NATIONAL INST OF FOOD & AGRICULTURE	(131,622)	-
U.S. Dept of Agriculture	Direct	10.304	2021-37621-38278	NATIONAL INST OF FOOD & AGRICULTURE	48,777	23,843
U.S. Dept of Agriculture	Direct	10.304	2022-37621-38278	NATIONAL INST OF FOOD & AGRICULTURE	368,061	258,618
U.S. Dept of Agriculture	Direct	10.304	2022-37624-38230	NATIONAL INST OF FOOD & AGRICULTURE	110,192	-
U.S. Dept of Agriculture	Direct	10.304	2023-37624-40793	US DEPT OF AGRICULTURE	171,869	-
U.S. Dept of Agriculture	Direct	10.309	2017-51181-26828	NATIONAL INST OF FOOD & AGRICULTURE	2,573	-
U.S. Dept of Agriculture	Direct	10.309	2017-51181-26828	NATIONAL INST OF FOOD & AGRICULTURE	23,334	-
U.S. Dept of Agriculture	Direct	10.309	2017-51181-26828	NATIONAL INST OF FOOD & AGRICULTURE	164,121	149,642
U.S. Dept of Agriculture	Direct	10.309	2019-51181-30017	NATIONAL INST OF FOOD & AGRICULTURE	12,835	-
U.S. Dept of Agriculture	Direct	10.309	2019-51181-30017	NATIONAL INST OF FOOD & AGRICULTURE	86,413	-
U.S. Dept of Agriculture	Direct	10.309	2019-51181-30017	NATIONAL INST OF FOOD & AGRICULTURE	387,953	274,232
U.S. Dept of Agriculture	Direct	10.309	2020-51181-32139	NATIONAL INST OF FOOD & AGRICULTURE	19,062	-
U.S. Dept of Agriculture	Direct	10.309	2020-51181-32139	NATIONAL INST OF FOOD & AGRICULTURE	937,710	796,946
U.S. Dept of Agriculture	Direct	10.309	2020-51181-32155	NATIONAL INST OF FOOD & AGRICULTURE	445,403	284,053
U.S. Dept of Agriculture	Direct	10.309	2020-51181-32158	NATIONAL INST OF FOOD & AGRICULTURE	1,349,242	1,205,104
U.S. Dept of Agriculture	Direct	10.309	2022-51181-38331	NATIONAL INST OF FOOD & AGRICULTURE	35,843	-
U.S. Dept of Agriculture	Direct	10.309	2022-51181-38331	NATIONAL INST OF FOOD & AGRICULTURE	60,536	-
U.S. Dept of Agriculture	Direct	10.309	2022-51181-38331	NATIONAL INST OF FOOD & AGRICULTURE	75,868	-
U.S. Dept of Agriculture	Direct	10.309	2022-51181-38331	NATIONAL INST OF FOOD & AGRICULTURE	480,779	390,673
U.S. Dept of Agriculture	Direct	10.309	2023-51181-41160	NATIONAL INST OF FOOD & AGRICULTURE	228,198	99,533
U.S. Dept of Agriculture	Direct	10.309	2023-51181-41322	NATIONAL INST OF FOOD & AGRICULTURE	6	-
U.S. Dept of Agriculture	Direct	10.309	2023-51181-41322	NATIONAL INST OF FOOD & AGRICULTURE	47,650	-
U.S. Dept of Agriculture	Direct	10.309	2023-51181-41322	NATIONAL INST OF FOOD & AGRICULTURE	115,455	2,840
U.S. Dept of Agriculture	Direct	10.310	2016-68004-24931	NATIONAL INST OF FOOD & AGRICULTURE	1,848	-
U.S. Dept of Agriculture	Direct	10.310	2017-67015-26084	NATIONAL INST OF FOOD & AGRICULTURE	152,557	-
U.S. Dept of Agriculture	Direct	10.310	2017-67015-26676	NATIONAL INST OF FOOD & AGRICULTURE	(702)	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Agriculture	Direct	10.310	2017-67015-26806	NATIONAL INST OF FOOD & AGRICULTURE	\$ 1	\$ -
U.S. Dept of Agriculture	Direct	10.310	2017-67023-26271	NATIONAL INST OF FOOD & AGRICULTURE	(145,333)	-
U.S. Dept of Agriculture	Direct	10.310	2017-67023-26395	NATIONAL INST OF FOOD & AGRICULTURE	5,768	-
U.S. Dept of Agriculture	Direct	10.310	2018-67003-27406	NATIONAL INST OF FOOD & AGRICULTURE	227,192	-
U.S. Dept of Agriculture	Direct	10.310	2018-67003-40256	NATIONAL INST OF FOOD & AGRICULTURE	283,328	-
U.S. Dept of Agriculture	Direct	10.310	2018-67013-27404	NATIONAL INST OF FOOD & AGRICULTURE	3,795	-
U.S. Dept of Agriculture	Direct	10.310	2018-67013-27457	NATIONAL INST OF FOOD & AGRICULTURE	56,806	-
U.S. Dept of Agriculture	Direct	10.310	2018-67013-27592	NATIONAL INST OF FOOD & AGRICULTURE	64,786	-
U.S. Dept of Agriculture	Direct	10.310	2018-67013-28065	NATIONAL INST OF FOOD & AGRICULTURE	(10)	-
U.S. Dept of Agriculture	Direct	10.310	20186701528242	NATIONAL INST OF FOOD & AGRICULTURE	114,426	-
U.S. Dept of Agriculture	Direct	10.310	2018-67015-28288	NATIONAL INST OF FOOD & AGRICULTURE	73	-
U.S. Dept of Agriculture	Direct	10.310	2018-67015-28302	NATIONAL INST OF FOOD & AGRICULTURE	10,414	-
U.S. Dept of Agriculture	Direct	10.310	2018-67017-27876	NATIONAL INST OF FOOD & AGRICULTURE	50,362	-
U.S. Dept of Agriculture	Direct	10.310	2018-67021-27967	NATIONAL INST OF FOOD & AGRICULTURE	(18,207)	-
U.S. Dept of Agriculture	Direct	10.310	2018-68003-28151	NATIONAL INST OF FOOD & AGRICULTURE	162,548	155,797
U.S. Dept of Agriculture	Direct	10.310	2018-68006-34968	NATIONAL INST OF FOOD & AGRICULTURE	105,989	23,538
U.S. Dept of Agriculture	Direct	10.310	2019-67012-37587	NATIONAL INST OF FOOD & AGRICULTURE	11,845	-
U.S. Dept of Agriculture	Direct	10.310	2019-67013-29203	NATIONAL INST OF FOOD & AGRICULTURE	(1,880)	-
U.S. Dept of Agriculture	Direct	10.310	2019-67013-29203	NATIONAL INST OF FOOD & AGRICULTURE	372	-
U.S. Dept of Agriculture	Direct	10.310	2019-67015-29323	NATIONAL INST OF FOOD & AGRICULTURE	25,131	-
U.S. Dept of Agriculture	Direct	10.310	2019-67015-29443	NATIONAL INST OF FOOD & AGRICULTURE	80,479	-
U.S. Dept of Agriculture	Direct	10.310	2019-67015-29483	NATIONAL INST OF FOOD & AGRICULTURE	(2,268)	-
U.S. Dept of Agriculture	Direct	10.310	2019-67017-29112	NATIONAL INST OF FOOD & AGRICULTURE	68,834	-
U.S. Dept of Agriculture	Direct	10.310	2019-67019-29305	NATIONAL INST OF FOOD & AGRICULTURE	11,206	11,206
U.S. Dept of Agriculture	Direct	10.310	2019-67019-29361	NATIONAL INST OF FOOD & AGRICULTURE	(11,585)	-
U.S. Dept of Agriculture	Direct	10.310	2019-68010-29281	NATIONAL INST OF FOOD & AGRICULTURE	(8,303)	-
U.S. Dept of Agriculture	Direct	10.310	2019-68010-29281	NATIONAL INST OF FOOD & AGRICULTURE	15,138	-
U.S. Dept of Agriculture	Direct	10.310	2020-67013-30870	NATIONAL INST OF FOOD & AGRICULTURE	144,780	-
U.S. Dept of Agriculture	Direct	10.310	2020-67013-31185	NATIONAL INST OF FOOD & AGRICULTURE	168,500	-
U.S. Dept of Agriculture	Direct	10.310	2020-67013-31919	NATIONAL INST OF FOOD & AGRICULTURE	65,779	-
U.S. Dept of Agriculture	Direct	10.310	2020-67014-41562	NATIONAL INST OF FOOD & AGRICULTURE	62,711	-
U.S. Dept of Agriculture	Direct	10.310	2020-67015-30827	NATIONAL INST OF FOOD & AGRICULTURE	88,345	54,075
U.S. Dept of Agriculture	Direct	10.310	2020-67015-31267	NATIONAL INST OF FOOD & AGRICULTURE	144,488	-
U.S. Dept of Agriculture	Direct	10.310	2020-67015-31562	NATIONAL INST OF FOOD & AGRICULTURE	80,944	21,531
U.S. Dept of Agriculture	Direct	10.310	2020-67017-30788	NATIONAL INST OF FOOD & AGRICULTURE	57,180	35,832
U.S. Dept of Agriculture	Direct	10.310	2020-67017-30838	NATIONAL INST OF FOOD & AGRICULTURE	92,412	-
U.S. Dept of Agriculture	Direct	10.310	2020-67019-31147	NATIONAL INST OF FOOD & AGRICULTURE	112,258	-
U.S. Dept of Agriculture	Direct	10.310	2020-67023-30958	NATIONAL INST OF FOOD & AGRICULTURE	54,130	419
U.S. Dept of Agriculture	Direct	10.310	2020-67023-31635	NATIONAL INST OF FOOD & AGRICULTURE	2,802	-
U.S. Dept of Agriculture	Direct	10.310	2020-67023-33260	NATIONAL INST OF FOOD & AGRICULTURE	106,633	11,687
U.S. Dept of Agriculture	Direct	10.310	2020-68012-31822	NATIONAL INST OF FOOD & AGRICULTURE	1,810,168	621,717
U.S. Dept of Agriculture	Direct	10.310	2021-67013-33620	NATIONAL INST OF FOOD & AGRICULTURE	117,852	-
U.S. Dept of Agriculture	Direct	10.310	2021-67013-33756	NATIONAL INST OF FOOD & AGRICULTURE	33,556	-
U.S. Dept of Agriculture	Direct	10.310	2021-67015-33383	NATIONAL INST OF FOOD & AGRICULTURE	94,715	-
U.S. Dept of Agriculture	Direct	10.310	2021-67015-33386	NATIONAL INST OF FOOD & AGRICULTURE	140,774	-
U.S. Dept of Agriculture	Direct	10.310	2021-67015-33411	NATIONAL INST OF FOOD & AGRICULTURE	80,941	-
U.S. Dept of Agriculture	Direct	10.310	2021-67015-33413	NATIONAL INST OF FOOD & AGRICULTURE	126,302	-
U.S. Dept of Agriculture	Direct	10.310	2021-67015-34563	NATIONAL INST OF FOOD & AGRICULTURE	173,807	-
U.S. Dept of Agriculture	Direct	10.310	2021-67021-33998	NATIONAL INST OF FOOD & AGRICULTURE	1,884	-
U.S. Dept of Agriculture	Direct	10.310	2021-67021-34149	NATIONAL INST OF FOOD & AGRICULTURE	141,844	19,428
U.S. Dept of Agriculture	Direct	10.310	2021-67021-34150	NATIONAL INST OF FOOD & AGRICULTURE	247,604	234,910
U.S. Dept of Agriculture	Direct	10.310	2021-67034-35168	NATIONAL INST OF FOOD & AGRICULTURE	9,813	-
U.S. Dept of Agriculture	Direct	10.310	2021-68008-34119	NATIONAL INST OF FOOD & AGRICULTURE	49,693	-
U.S. Dept of Agriculture	Direct	10.310	2021-68008-34196	NATIONAL INST OF FOOD & AGRICULTURE	27,065	2,367
U.S. Dept of Agriculture	Direct	10.310	2021-68014-34140	NATIONAL INST OF FOOD & AGRICULTURE	201,319	48,211
U.S. Dept of Agriculture	Direct	10.310	2022-67013-36118	NATIONAL INST OF FOOD & AGRICULTURE	136,671	-
U.S. Dept of Agriculture	Direct	10.310	2022-67013-36118	NATIONAL INST OF FOOD & AGRICULTURE	170,206	-
U.S. Dept of Agriculture	Direct	10.310	2022-67013-36388	NATIONAL INST OF FOOD & AGRICULTURE	117,038	-
U.S. Dept of Agriculture	Direct	10.310	2022-67013-37079	NATIONAL INST OF FOOD & AGRICULTURE	161,986	-
U.S. Dept of Agriculture	Direct	10.310	2022-67015-36350	NATIONAL INST OF FOOD & AGRICULTURE	101,680	-
U.S. Dept of Agriculture	Direct	10.310	2022-67015-36865	NATIONAL INST OF FOOD & AGRICULTURE	145,058	-
U.S. Dept of Agriculture	Direct	10.310	2022-67017-36992	NATIONAL INST OF FOOD & AGRICULTURE	132,121	16,886
U.S. Dept of Agriculture	Direct	10.310	2022-67019-36104	NATIONAL INST OF FOOD & AGRICULTURE	183,340	-
U.S. Dept of Agriculture	Direct	10.310	2022-67019-36107	NATIONAL INST OF FOOD & AGRICULTURE	178,499	66,332
U.S. Dept of Agriculture	Direct	10.310	2022-67019-36487	NATIONAL INST OF FOOD & AGRICULTURE	109,777	-
U.S. Dept of Agriculture	Direct	10.310	2022-67019-37058	NATIONAL INST OF FOOD & AGRICULTURE	340,825	164,600
U.S. Dept of Agriculture	Direct	10.310	2022-67021-37858	NATIONAL INST OF FOOD & AGRICULTURE	131,293	51,919
U.S. Dept of Agriculture	Direct	10.310	2022-67023-36536	NATIONAL INST OF FOOD & AGRICULTURE	68,438	-
U.S. Dept of Agriculture	Direct	10.310	2022-67023-37747	NATIONAL INST OF FOOD & AGRICULTURE	43,180	12,494
U.S. Dept of Agriculture	Direct	10.310	2022-68006-36433	NATIONAL INST OF FOOD & AGRICULTURE	106,277	26,755
U.S. Dept of Agriculture	Direct	10.310	2022-68008-36354	NATIONAL INST OF FOOD & AGRICULTURE	89,807	-
U.S. Dept of Agriculture	Direct	10.310	2022-68008-36508	NATIONAL INST OF FOOD & AGRICULTURE	104,282	-
U.S. Dept of Agriculture	Direct	10.310	2023-67012-39321	NATIONAL INST OF FOOD & AGRICULTURE	2,669	-
U.S. Dept of Agriculture	Direct	10.310	2023-67012-39321	NATIONAL INST OF FOOD & AGRICULTURE	48,411	-
U.S. Dept of Agriculture	Direct	10.310	2023-67013-39636	NATIONAL INST OF FOOD & AGRICULTURE	16,427	-
U.S. Dept of Agriculture	Direct	10.310	2023-67013-39901	NATIONAL INST OF FOOD & AGRICULTURE	117,781	-
U.S. Dept of Agriculture	Direct	10.310	2023-67015-39077	NATIONAL INST OF FOOD & AGRICULTURE	134,404	-
U.S. Dept of Agriculture	Direct	10.310	2023-67015-39333	NATIONAL INST OF FOOD & AGRICULTURE	165,196	-
U.S. Dept of Agriculture	Direct	10.310	2023-67017-40049	NATIONAL INST OF FOOD & AGRICULTURE	172,962	-
U.S. Dept of Agriculture	Direct	10.310	2023-67019-38640	NATIONAL INST OF FOOD & AGRICULTURE	41,053	-
U.S. Dept of Agriculture	Direct	10.310	2023-67023-40616	NATIONAL INST OF FOOD & AGRICULTURE	12,498	-
U.S. Dept of Agriculture	Direct	10.310	2023-67021-40862	NATIONAL INST OF FOOD & AGRICULTURE	18,271	-
U.S. Dept of Agriculture	Direct	10.310	2023-67021-40862	NATIONAL INST OF FOOD & AGRICULTURE	20,300	-
U.S. Dept of Agriculture	Direct	10.310	2023-67023-39109	NATIONAL INST OF FOOD & AGRICULTURE	88,946	-
U.S. Dept of Agriculture	Direct	10.310	2023-67023-40127	NATIONAL INST OF FOOD & AGRICULTURE	57,028	-
U.S. Dept of Agriculture	Direct	10.310	2023-67023-40129	NATIONAL INST OF FOOD & AGRICULTURE	12,586	-
U.S. Dept of Agriculture	Direct	10.310	2023-68006-38980	NATIONAL INST OF FOOD & AGRICULTURE	774	-
U.S. Dept of Agriculture	Direct	10.310	2023-68006-38980	NATIONAL INST OF FOOD & AGRICULTURE	69,626	28,050
U.S. Dept of Agriculture	Direct	10.310	2023-68006-40290	NATIONAL INST OF FOOD & AGRICULTURE	104,479	15,400
U.S. Dept of Agriculture	Direct	10.310	2023-68008-39858	NATIONAL INST OF FOOD & AGRICULTURE	81,890	1,329
U.S. Dept of Agriculture	Direct	10.310	2023-68012-39076	NATIONAL INST OF FOOD & AGRICULTURE	730,623	119,935
U.S. Dept of Agriculture	Direct	10.310	2023-68013-39639	NATIONAL INST OF FOOD & AGRICULTURE	283,853	-
U.S. Dept of Agriculture	Direct	10.310	2024-67015-42253	NATIONAL INST OF FOOD & AGRICULTURE	5,638	-
U.S. Dept of Agriculture	Direct	10.310	2024-67021-41627	NATIONAL INST OF FOOD & AGRICULTURE	4,317	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Agriculture	Direct	10.310	2024-67023-41442	NATIONAL INST OF FOOD & AGRICULTURE	\$ 24,960	\$ -
U.S. Dept of Agriculture	Direct	10.310	2024-67023-41883	NATIONAL INST OF FOOD & AGRICULTURE	13,316	-
U.S. Dept of Agriculture	Direct	10.310	2024-67023-41883	NATIONAL INST OF FOOD & AGRICULTURE	24,110	-
U.S. Dept of Agriculture	Direct	10.329	2018-70006-28883	NATIONAL INST OF FOOD & AGRICULTURE	19,278	-
U.S. Dept of Agriculture	Direct	10.329	2020-70006-33015	NATIONAL INST OF FOOD & AGRICULTURE	109,995	14,185
U.S. Dept of Agriculture	Direct	10.329	2022-70006-37992	NATIONAL INST OF FOOD & AGRICULTURE	93,271	26,940
U.S. Dept of Agriculture	Direct	10.329	2023-70006-40602	NATIONAL INST OF FOOD & AGRICULTURE	34,972	-
U.S. Dept of Agriculture	Direct	10.330	2018-70005-28738	NATIONAL INST OF FOOD & AGRICULTURE	51,486	305
U.S. Dept of Agriculture	Direct	10.330	2023-70005-41079	NATIONAL INST OF FOOD & AGRICULTURE	55,471	-
U.S. Dept of Agriculture	Direct	10.515	2023-46401-40961	NATIONAL INST OF FOOD & AGRICULTURE	33,376	-
U.S. Dept of Agriculture	Direct	10.604	TASC-2022-14	FOREIGN AGRICULTURAL SERVICE	38,317	-
U.S. Dept of Agriculture	Direct	10.674	18-DG-1142000-220	USDA FOREST SERVICE	(3,175)	-
U.S. Dept of Agriculture	Direct	10.674	23-DG-11094200-249	USDA FOREST SERVICE	24,888	-
U.S. Dept of Agriculture	Direct	10.680	18-CA-1142000-072	USDA FOREST SERVICE	(470)	-
U.S. Dept of Agriculture	Direct	10.680	20-CA-11094200-221	USDA FOREST SERVICE	70,169	-
U.S. Dept of Agriculture	Direct	10.680	20-DG-11094200-043	USDA FOREST SERVICE	18,241	-
U.S. Dept of Agriculture	Direct	10.680	23-CA-11094200-165	USDA FOREST SERVICE	272,908	-
U.S. Dept of Agriculture	Direct	10.680	23-DG-11094200-228	USDA FOREST SERVICE	20,500	-
U.S. Dept of Agriculture	Direct	10.684	22-CA-11132762-374	USDA FOREST SERVICE	23,825	-
U.S. Dept of Agriculture	Direct	10.699	18-CR-11242303-074	USDA FOREST SERVICE	(61)	-
U.S. Dept of Agriculture	Direct	10.699	18-PA-11091000-025	USDA FOREST SERVICE	(4,793)	-
U.S. Dept of Agriculture	Direct	10.699	21-CS-11242306-055	USDA FOREST SERVICE	120,731	-
U.S. Dept of Agriculture	Direct	10.699	21-PA-11083600-330	USDA FOREST SERVICE	10,729	-
U.S. Dept of Agriculture	Direct	10.699	22-CS-11090700-007	USDA FOREST SERVICE	16,968	-
U.S. Dept of Agriculture	Direct	10.699	23-CS-11090400-002	USDA FOREST SERVICE	19,113	-
U.S. Dept of Agriculture	Direct	10.699	23-CS-11091500-007	USDA FOREST SERVICE	63,466	-
U.S. Dept of Agriculture	Direct	10.699	23-PA-11090400-046	USDA FOREST SERVICE	11,358	-
U.S. Dept of Agriculture	Direct	10.701	23-SA-11091000-014	USDA FOREST SERVICE	92,344	-
U.S. Dept of Agriculture	Direct	10.707	19-CR-11242303-037	USDA FOREST SERVICE	874	-
U.S. Dept of Agriculture	Direct	10.707	19-JV-11242305-106	USDA FOREST SERVICE	80,150	-
U.S. Dept of Agriculture	Direct	10.707	20-CR-11242303-064	USDA FOREST SERVICE	1,383	-
U.S. Dept of Agriculture	Direct	10.707	20-JV-11242303-050	USDA FOREST SERVICE	64	-
U.S. Dept of Agriculture	Direct	10.707	20-JV-11242305-078	USDA FOREST SERVICE	45,389	-
U.S. Dept of Agriculture	Direct	10.707	20-JV-11242306-070	USDA FOREST SERVICE	(6,671)	-
U.S. Dept of Agriculture	Direct	10.707	20-JV-11242307-099	USDA FOREST SERVICE	13,872	-
U.S. Dept of Agriculture	Direct	10.707	21-JV-11242303-038	USDA FOREST SERVICE	26,126	-
U.S. Dept of Agriculture	Direct	10.707	22-CR-11242303-054	USDA FOREST SERVICE	65,511	-
U.S. Dept of Agriculture	Direct	10.707	22-JV-11242308-029	USDA FOREST SERVICE	165,016	-
U.S. Dept of Agriculture	Direct	10.707	22-JV-11242309-052	USDA FOREST SERVICE	13,438	-
U.S. Dept of Agriculture	Direct	10.707	22-JV-11261989-084	USDA FOREST SERVICE	47,922	-
U.S. Dept of Agriculture	Direct	10.707	23-JV-11242303-031	USDA FOREST SERVICE	74,084	-
U.S. Dept of Agriculture	Direct	10.714	23-JV-11330101-052	USDA FOREST SERVICE	19,252	-
U.S. Dept of Agriculture	Direct	10.902	NR2274820002C001	USDA-NATURAL RESOURCES CONSERVATION SERVICE	87,767	-
U.S. Dept of Agriculture	Direct	10.902	NR233A750008C012	USDA-NATURAL RESOURCES CONSERVATION SERVICE	149,573	20,247
U.S. Dept of Agriculture	Direct	10.902	NR233A750023C014	USDA-NATURAL RESOURCES CONSERVATION SERVICE	91,661	-
U.S. Dept of Agriculture	Direct	10.902	NR233A750023C042	USDA-NATURAL RESOURCES CONSERVATION SERVICE	30,387	-
U.S. Dept of Agriculture	Direct	10.912	NR213A750013G001	USDA-NATURAL RESOURCES CONSERVATION SERVICE	586,044	-
U.S. Dept of Agriculture	Direct	10.912	NR213A750013G015	USDA-NATURAL RESOURCES CONSERVATION SERVICE	95,679	-
U.S. Dept of Agriculture	Direct	10.912	NR213A750013G030	USDA-NATURAL RESOURCES CONSERVATION SERVICE	139,221	37,260
U.S. Dept of Agriculture	Direct	10.960	FX22TA-10960R002	FOREIGN AGRICULTURAL SERVICE	663,169	165,454
Direct Total					31,127,386	6,526,804
U.S. Dept of Agriculture	Pass-through	10.RD	IP 00467178	AMER LAMB BOARD	\$ 17,179	\$ -
U.S. Dept of Agriculture	Pass-through	10.RD	Contract No. 3620-0	DARY MANAGEMENT INC	39,185	-
U.S. Dept of Agriculture	Pass-through	10.001	58-2022-3-013	AGRICULTURAL RESEARCH SERVICE	2,026	-
U.S. Dept of Agriculture	Pass-through	10.001	58-2022-1-002	AGRICULTURAL RESEARCH SERVICE	6,725	-
U.S. Dept of Agriculture	Pass-through	10.001	59-5050-3-003	AGRICULTURAL RESEARCH SERVICE	5,891	-
U.S. Dept of Agriculture	Pass-through	10.001	59-5050-3-004	AGRICULTURAL RESEARCH SERVICE	42,421	-
U.S. Dept of Agriculture	Pass-through	10.001	59-5050-3-005	AGRICULTURAL RESEARCH SERVICE	19,675	-
U.S. Dept of Agriculture	Pass-through	10.001	59-5050-4-001	AGRICULTURAL RESEARCH SERVICE	3,866	-
U.S. Dept of Agriculture	Pass-through	10.001	59-6070-1-002	AGRICULTURAL RESEARCH SERVICE	(18,389)	-
U.S. Dept of Agriculture	Pass-through	10.001	59-6070-3-002	AGRICULTURAL RESEARCH SERVICE	34,464	-
U.S. Dept of Agriculture	Pass-through	10.025	0009958/08282023	UNIVERSITY OF RHODE ISLAND	43,541	-
U.S. Dept of Agriculture	Pass-through	10.025	23000002103	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	54,834	-
U.S. Dept of Agriculture	Pass-through	10.025	23000002185	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	52,523	-
U.S. Dept of Agriculture	Pass-through	10.025	23000002192	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	17,105	-
U.S. Dept of Agriculture	Pass-through	10.025	24000003353	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	1,531	-
U.S. Dept of Agriculture	Pass-through	10.025	24000003443	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	6,765	-
U.S. Dept of Agriculture	Pass-through	10.025	GG230000002191	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	12,157	-
U.S. Dept of Agriculture	Pass-through	10.025	GG240000000859	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	19,722	-
U.S. Dept of Agriculture	Pass-through	10.025	GG240000003354	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	20,259	-
U.S. Dept of Agriculture	Pass-through	10.028		MICHIGAN DEPT OF NATURAL RESOURCES	75,795	68,680
U.S. Dept of Agriculture	Pass-through	10.028	FISH 2023-15	MICHIGAN DEPT OF NATURAL RESOURCES	16,840	-
U.S. Dept of Agriculture	Pass-through	10.028	MSU_287216	CREIGHTON UNIVERSITY	55,583	-
U.S. Dept of Agriculture	Pass-through	10.170		CELERY RESEARCH INC	60,512	-
U.S. Dept of Agriculture	Pass-through	10.170		GINSENG BOARD OF WISCONSIN	23,442	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN ASPARAGUS RESEARCH COMMITTEE	39,738	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN BLUEBERRY COMMISSION	46,077	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CARROT COMMITTEE	4,636	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CARROT COMMITTEE	6,546	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CARROT COUNCIL	56,014	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CELERY GROWERS RESEARCH COUNCIL	10	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CELERY GROWERS RESEARCH COUNCIL	6,124	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CELERY GROWERS RESEARCH COUNCIL	19,261	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN ONION COMMITTEE	47,198	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN POTATO INDUSTRY COMMISSION	50,808	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN TREE FRUIT COMMISSION	(4,252)	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN TREE FRUIT COMMISSION	9,052	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN TREE FRUIT COMMISSION	10,219	-
U.S. Dept of Agriculture	Pass-through	10.170		WEST CENTRAL MICHIGAN HORTICULTURAL RESEARCH INC	22,095	-
U.S. Dept of Agriculture	Pass-through	10.170	00593448	MICHIGAN TREE FRUIT COMMISSION	42,484	-
U.S. Dept of Agriculture	Pass-through	10.170	00593675	MIDWEST NUT PRODUCERS COUNCIL	64,529	-
U.S. Dept of Agriculture	Pass-through	10.170	00593779	HOP GROWERS OF MICHIGAN	55,663	-
U.S. Dept of Agriculture	Pass-through	10.170	00594952	MICHIGAN STATE HORTICULTURAL SOCIETY	72,139	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Agriculture	Pass-through	10.170	010300.327157.01	MISSISSIPPI STATE UNIV	\$ 19,954	\$ -
U.S. Dept of Agriculture	Pass-through	10.170	010300.327159.01	MISSISSIPPI STATE UNIV	20,749	-
U.S. Dept of Agriculture	Pass-through	10.170	010300.327184.04	MISSISSIPPI STATE UNIV	72,071	-
U.S. Dept of Agriculture	Pass-through	10.170	2022CP9501	MISSISSIPPI STATE UNIV	86,288	-
U.S. Dept of Agriculture	Pass-through	10.170	59-5050-2-001	CENTER FOR PRODUCE SAFETY	32,669	-
U.S. Dept of Agriculture	Pass-through	10.170	GG 230000000469	AGRICULTURAL RESEARCH SERVICE	46,064	-
U.S. Dept of Agriculture	Pass-through	10.170	D0650233	MICHIGAN CHERRY COMMITTEE	17,196	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00533631	CELERY RESEARCH INC	11,032	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00533696	MICHIGAN VEGETABLE COUNCIL	8,850	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00533696	MICHIGAN ONION COMMITTEE	12,249	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00574981	GNSENG BOARD OF WISCONSIN	69,083	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00593569	MICHIGAN VEGETABLE COUNCIL	59,454	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00597934	MICHIGAN GREENHOUSE GROWERS	5,345	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00597934	MICHIGAN GREENHOUSE GROWERS	73,802	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00650462	MICHIGAN VEGETABLE COUNCIL	18,805	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00650597	MICHIGAN CARROT COMMITTEE	45,685	-
U.S. Dept of Agriculture	Pass-through	10.170	IP# 00650613	MICHIGAN HORTICULTURE SOCIETY	24,072	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00531601	MICHIGAN STATE HORTICULTURAL SOCIETY	13,160	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00534249	MICHIGAN STATE HORTICULTURAL SOCIETY	14,636	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00593557	MICHIGAN CARROT COMMITTEE	58,727	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00593642	MICHIGAN STATE HORTICULTURAL SOCIETY	22,565	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00593816	MICHIGAN ASPARAGUS RESEARCH COMMITTEE	43,306	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00593822	MICHIGAN CARROT COMMITTEE	17,883	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00613511	POLLINATOR PARTNERSHIP	42,583	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00650194	MBG MARKETING	39,366	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00650223	GNSENG BOARD OF WISCONSIN	3,467	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00650240	MICHIGAN ONION COMMITTEE	9,830	-
U.S. Dept of Agriculture	Pass-through	10.170	MDARD CG 2400000000154	MICHIGAN ASPARAGUS ADVISORY BOARD	3,293	-
U.S. Dept of Agriculture	Pass-through	10.170	MDARD CG 240000000154	MICHIGAN ASPARAGUS ADVISORY BOARD	7,216	-
U.S. Dept of Agriculture	Pass-through	10.170	MIFC-MDARD CG 240000000155	MICHIGAN TREE FRUIT COMMISSION	686	-
U.S. Dept of Agriculture	Pass-through	10.170	GG 240000000170	MICHIGAN CHRISTMAS TREE ASSOC	631	-
U.S. Dept of Agriculture	Pass-through	10.174	60063642 MSU	NORTHWESTERN UNIV	54,729	-
U.S. Dept of Agriculture	Pass-through	10.174	G231-23-W9956	MONTANA STATE UNIV	35,833	-
U.S. Dept of Agriculture	Pass-through	10.174	G248-22-W9310	MONTANA STATE UNIV	61,699	-
U.S. Dept of Agriculture	Pass-through	10.200	019585W	IOWA STATE UNIV	92,925	-
U.S. Dept of Agriculture	Pass-through	10.200	022798L	IOWA STATE UNIV	171,915	-
U.S. Dept of Agriculture	Pass-through	10.200	2021-2884-04	NORTH CAROLINA STATE UNIV	7,764	-
U.S. Dept of Agriculture	Pass-through	10.200	327054.13.17.FR21-2	MISSISSIPPI STATE UNIV	10,254	-
U.S. Dept of Agriculture	Pass-through	10.200	327054.13.17.FR22-3	MISSISSIPPI STATE UNIV	8,089	-
U.S. Dept of Agriculture	Pass-through	10.200	022798E	IOWA STATE UNIV	6,566	-
U.S. Dept of Agriculture	Pass-through	10.200	PAM-P24-000837-SA04	NORTH CAROLINA STATE UNIV	1,664,456	-
U.S. Dept of Agriculture	Pass-through	10.212		APPLICATION INSIGHT LLC	(10)	-
U.S. Dept of Agriculture	Pass-through	10.212	EDX-2001-23-20230002	EMERGINGDX INC	16,853	-
U.S. Dept of Agriculture	Pass-through	10.212	PD59228	KOPESS BIOMASS SOLUTIONS LLC	58,228	-
U.S. Dept of Agriculture	Pass-through	10.212	PD59851	KOPESS AG TECH, LLC	7,091	-
U.S. Dept of Agriculture	Pass-through	10.215	H00781390813	UNIVERSITY OF MINNESOTA	10,997	-
U.S. Dept of Agriculture	Pass-through	10.215	H008334017	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	468	-
U.S. Dept of Agriculture	Pass-through	10.215	H008334017	UNIVERSITY OF MINNESOTA	2,729	-
U.S. Dept of Agriculture	Pass-through	10.215	H008917103	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	10,222	-
U.S. Dept of Agriculture	Pass-through	10.215	H008917110	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	36,240	-
U.S. Dept of Agriculture	Pass-through	10.215	H008917129	UNIVERSITY OF MINNESOTA	2,480	-
U.S. Dept of Agriculture	Pass-through	10.215	H008917131	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	4,678	-
U.S. Dept of Agriculture	Pass-through	10.215	H008917135	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	10,083	-
U.S. Dept of Agriculture	Pass-through	10.215	H009187802	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	29,122	-
U.S. Dept of Agriculture	Pass-through	10.215	H009277428	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	10,256	-
U.S. Dept of Agriculture	Pass-through	10.215	H009277428	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	39,850	-
U.S. Dept of Agriculture	Pass-through	10.215	H009987619	UNIVERSITY OF MINNESOTA	6,630	-
U.S. Dept of Agriculture	Pass-through	10.215	H010694403	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	704	-
U.S. Dept of Agriculture	Pass-through	10.215	H010694403	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	12,600	-
U.S. Dept of Agriculture	Pass-through	10.215	H010694415	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	4,113	-
U.S. Dept of Agriculture	Pass-through	10.215	H010694432	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	5,178	-
U.S. Dept of Agriculture	Pass-through	10.215	H010694438	UNIVERSITY OF MINNESOTA	2,274	-
U.S. Dept of Agriculture	Pass-through	10.215	H011114513	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	17,799	-
U.S. Dept of Agriculture	Pass-through	10.215	H011114525	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	16,546	-
U.S. Dept of Agriculture	Pass-through	10.215	H011114528	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	2,246	-
U.S. Dept of Agriculture	Pass-through	10.215	H011114528	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	73,238	-
U.S. Dept of Agriculture	Pass-through	10.215	H011171410	UNIVERSITY OF MINNESOTA	395	-
U.S. Dept of Agriculture	Pass-through	10.227	2020-001	BAY MILLS COMMUNITY COLLEGE	64	-
U.S. Dept of Agriculture	Pass-through	10.227	2021-01-MSU	KEWEENAW BAY OJIBWA COMMUNITY COLLEGE	78,362	-
U.S. Dept of Agriculture	Pass-through	10.250	ASUB00001212	ARIZONA STATE UNIV	9,089	-
U.S. Dept of Agriculture	Pass-through	10.290	A24-1814-5001	UNIVERSITY OF CALIFORNIA DAVIS	53,183	-
U.S. Dept of Agriculture	Pass-through	10.303	17000944-040	PURDUE UNIV	12,635	-
U.S. Dept of Agriculture	Pass-through	10.303	SUBK00011432	UNIVERSITY OF MICHIGAN	6,112	-
U.S. Dept of Agriculture	Pass-through	10.307	59-5050-9-001	AGRICULTURAL RESEARCH SERVICE	9,790	-
U.S. Dept of Agriculture	Pass-through	10.307	59-5050-9-001	AGRICULTURAL RESEARCH SERVICE	32,658	-
U.S. Dept of Agriculture	Pass-through	10.307	UMS-1196	UNIVERSITY OF MAINE	49,469	-
U.S. Dept of Agriculture	Pass-through	10.307	UMS1385	UNIVERSITY OF MAINE	127,800	-
U.S. Dept of Agriculture	Pass-through	10.309	0090000363	UNIVERSITY OF WISCONSIN MADISON	165,165	-
U.S. Dept of Agriculture	Pass-through	10.309	133336 SPC-001286	WASHINGTON STATE UNIV	(3,792)	-
U.S. Dept of Agriculture	Pass-through	10.309	159081-22583	CORNELL UNIV	55,201	-
U.S. Dept of Agriculture	Pass-through	10.309	2020-0042-005	NORTH CAROLINA STATE UNIV	161,963	-
U.S. Dept of Agriculture	Pass-through	10.309	203857-775	UTAH STATE UNIV	(26,877)	-
U.S. Dept of Agriculture	Pass-through	10.309	203857-775	UTAH STATE UNIV	15,487	-
U.S. Dept of Agriculture	Pass-through	10.309	203857-775	UTAH STATE UNIV	29,219	-
U.S. Dept of Agriculture	Pass-through	10.309	203857-775	UTAH STATE UNIV	77,639	-
U.S. Dept of Agriculture	Pass-through	10.309	2322-207-2014173	CLEMSON UNIV	298,989	-
U.S. Dept of Agriculture	Pass-through	10.309	423813-19057	VIRGINIA TECH	15,314	-
U.S. Dept of Agriculture	Pass-through	10.309	92894-20618	CORNELL UNIV	71,484	-
U.S. Dept of Agriculture	Pass-through	10.309	A009428502	UNIVERSITY OF MINNESOTA	215,770	-
U.S. Dept of Agriculture	Pass-through	10.309	AN4829-846772	UNIVERSITY OF IDAHO	83,001	-
U.S. Dept of Agriculture	Pass-through	10.309	AN6576-846122	UNIVERSITY OF IDAHO	52,942	-
U.S. Dept of Agriculture	Pass-through	10.309	H007082502	UNIVERSITY OF MINNESOTA	97,021	-
U.S. Dept of Agriculture	Pass-through	10.309	S-001504	UNIVERSITY OF CALIFORNIA RIVERSIDE	53,414	-
U.S. Dept of Agriculture	Pass-through	10.309	SCRMSU-2022	SYNERGISTIC HAWAII AGRICULTURE COUNCIL	39,850	-
U.S. Dept of Agriculture	Pass-through	10.309	SUB00002401	UNIVERSITY OF GEORGIA	17,687	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Agriculture	Pass-through	10.309	SUB00003557	UNIVERSITY OF FLORIDA	\$ 38,103	\$ -
U.S. Dept of Agriculture	Pass-through	10.310	0000001773	UNIVERSITY OF WISCONSIN	128,962	-
U.S. Dept of Agriculture	Pass-through	10.310	0000001981	UNIVERSITY OF WISCONSIN	149,467	-
U.S. Dept of Agriculture	Pass-through	10.31	0000002974	UNIVERSITY OF WISCONSIN MADISON	32,102	-
U.S. Dept of Agriculture	Pass-through	10.310	010300.327172.01	MISSISSIPPI STATE UNIV	223,044	-
U.S. Dept of Agriculture	Pass-through	10.310	024298C	IOWA STATE UNIV	23,195	-
U.S. Dept of Agriculture	Pass-through	10.310	0845 G.ZB496	UNIVERSITY OF CALIFORNIA LOS ANGELES	35,020	-
U.S. Dept of Agriculture	Pass-through	10.310	101477-18141	UNIVERSITY OF ILLINOIS	129,909	-
U.S. Dept of Agriculture	Pass-through	10.310	110491-19241	UNIVERSITY OF ILLINOIS	3,739	-
U.S. Dept of Agriculture	Pass-through	10.310	132484-SPC001654	WASHINGTON STATE UNIV	428	-
U.S. Dept of Agriculture	Pass-through	10.310	1556077	UNIVERSITY OF COLORADO BOULDER	(111,581)	-
U.S. Dept of Agriculture	Pass-through	10.310	1556077	UNIVERSITY OF COLORADO BOULDER	(99,644)	-
U.S. Dept of Agriculture	Pass-through	10.310	1656085	UNIVERSITY OF COLORADO BOULDER	40,652	-
U.S. Dept of Agriculture	Pass-through	10.310	2371-207-2015107	CLEMSON UNIV	92,279	-
U.S. Dept of Agriculture	Pass-through	10.310	23-BIOSYS-205280-MISU	AUBURN UNIV	206,539	-
U.S. Dept of Agriculture	Pass-through	10.310	2-570540.MSU	OKLAHOMA STATE UNIV	7,576	-
U.S. Dept of Agriculture	Pass-through	10.310	3TG156	SOUTH DAKOTA STATE UNIV	11,539	-
U.S. Dept of Agriculture	Pass-through	10.310	A22-1483-5009	UNIVERSITY OF CALIFORNIA DAVIS	215,433	-
U.S. Dept of Agriculture	Pass-through	10.310	A22-1803-5002	UNIVERSITY OF CALIFORNIA DAVIS	7,482	-
U.S. Dept of Agriculture	Pass-through	10.310	A24-0019-5001	UNIVERSITY OF TENNESSEE KNOXVILLE	23,290	-
U.S. Dept of Agriculture	Pass-through	10.310	ASUB00001378	ARIZONA STATE UNIV	65,109	-
U.S. Dept of Agriculture	Pass-through	10.310	C0563A-A	OREGON STATE UNIV	81,719	-
U.S. Dept of Agriculture	Pass-through	10.310	CM00005091-00	RESEARCH FOUNDATION OF CUNY	141,536	-
U.S. Dept of Agriculture	Pass-through	10.310	F0016295202046	PURDUE UNIV	1,524	-
U.S. Dept of Agriculture	Pass-through	10.310	FAR0033249	NORTH DAKOTA STATE UNIV	24,646	-
U.S. Dept of Agriculture	Pass-through	10.310	M1903129	TEXAS A&M UNIV	22,663	-
U.S. Dept of Agriculture	Pass-through	10.310	M2301992	TEXAS A&M UNIV	38,579	-
U.S. Dept of Agriculture	Pass-through	10.310	SPC-1000006728 / GR128452	OHIO STATE UNIV	95,697	-
U.S. Dept of Agriculture	Pass-through	10.310	SPC1000012028 GR131864	OHIO STATE UNIV	54,953	-
U.S. Dept of Agriculture	Pass-through	10.310	SUB000002685	UNIVERSITY OF GEORGIA	123,905	-
U.S. Dept of Agriculture	Pass-through	10.318	735286	UNIVERSITY OF ARIZONA	9,082	-
U.S. Dept of Agriculture	Pass-through	10.326	A24-0046-5002	CHICO STATE ENTERPRISES	48,634	-
U.S. Dept of Agriculture	Pass-through	10.328	H08588001	UNIVERSITY OF MINNESOTA	21,733	-
U.S. Dept of Agriculture	Pass-through	10.329	60078035 GR120330 SPC-1000004333	OHIO STATE UNIV	29,966	-
U.S. Dept of Agriculture	Pass-through	10.332	026418-00005	IOWA STATE UNIV	96,544	-
U.S. Dept of Agriculture	Pass-through	10.332	A24-1585-5002	UNIVERSITY OF CALIFORNIA DAVIS	35,285	-
U.S. Dept of Agriculture	Pass-through	10.479	E20234697-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	15,766	-
U.S. Dept of Agriculture	Pass-through	10.606	10008-23-A-03	WINROCK INTL	171,229	-
U.S. Dept of Agriculture	Pass-through	10.620	C00079789-2	UNIVERSITY OF MISSOURI	45,945	-
U.S. Dept of Agriculture	Pass-through	10.652	22-00445	U.S. ENDOWMENT FOR FORESTRY & COMMUNITIES	20,994	-
U.S. Dept of Agriculture	Pass-through	10.652	95152	THE RESEARCH FOUNDATION FOR THE STATE UNIV OF NEW YORK	7,680	-
U.S. Dept of Agriculture	Pass-through	10.652	FO-SFG-2673	NATIONAL COUNCIL FOR AIR & STREAM IMPROVEMENT	5,279	-
U.S. Dept of Agriculture	Pass-through	10.664	IF# 00555616	ANTRIM CONSERVATION DISTRICT	17,701	-
U.S. Dept of Agriculture	Pass-through	10.674		PENN SOIL RESOURCE CONSERVATION & DEV COUNCIL	75,408	-
U.S. Dept of Agriculture	Pass-through	10.674	220000000717	MICHIGAN DEPT OF NATURAL RESOURCES	10,758	-
U.S. Dept of Agriculture	Pass-through	10.674	220000000717	MICHIGAN DEPT OF NATURAL RESOURCES	27,366	-
U.S. Dept of Agriculture	Pass-through	10.674		PENN SOIL RESOURCE CONSERVATION & DEV COUNCIL	1,073	-
U.S. Dept of Agriculture	Pass-through	10.678	FSP-21-PG-05	MICHIGAN DEPT OF NATURAL RESOURCES	14,647	-
U.S. Dept of Agriculture	Pass-through	10.701	A22-0601-5001	KANSAS STATE UNIV	29,241	-
U.S. Dept of Agriculture	Pass-through	10.902	0501.22.075075	NATIONAL FISH & WILDLIFE FOUNDATION	21,889	-
U.S. Dept of Agriculture	Pass-through	10.902	101917-18194	UNIVERSITY OF ILLINOIS	64,228	-
U.S. Dept of Agriculture	Pass-through	10.902	C00071985-1 & C00077384-1	UNIVERSITY OF MISSOURI	6,459	-
U.S. Dept of Agriculture	Pass-through	10.902	G-70444-01	COLORADO STATE UNIV	957	-
U.S. Dept of Agriculture	Pass-through	10.912	001	CANDIDUS INC	(433)	-
Pass-through Total U.S. Dept of Agriculture Total					8,961,885	66,680
					40,089,271	6,595,184
U.S. Dept of Commerce	Direct	11.038	26-60-FF010	US DEPT OF COMMERCE	\$ 119,347	\$ 22,228
U.S. Dept of Commerce	Direct	11.303	ED16CH0300037	US ECONOMIC DEVELOPMENT ADMINISTRATION	122	-
U.S. Dept of Commerce	Direct	11.303	ED21CH0300027	US ECONOMIC DEVELOPMENT ADMINISTRATION	42,782	-
U.S. Dept of Commerce	Direct	11.303	ED21CH0300027	US ECONOMIC DEVELOPMENT ADMINISTRATION	121,765	-
U.S. Dept of Commerce	Direct	11.400	NA23N0S4000336	NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION	113,832	-
U.S. Dept of Commerce	Direct	11.431	NA17OAR4310132	NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION	12,222	-
U.S. Dept of Commerce	Direct	11.609	60NANB18D210	NATIONAL INST OF STANDARDS & TECHNOLOGY	(653)	-
U.S. Dept of Commerce	Direct	11.609	60NANB19D154	NATIONAL INST OF STANDARDS & TECHNOLOGY	(14,081)	-
U.S. Dept of Commerce	Direct	11.609	60NANB20D188	NATIONAL INST OF STANDARDS & TECHNOLOGY	(2,985)	-
Direct Total					392,351	22,228
U.S. Dept of Commerce	Pass-through	11.RD	105964-18733	UNIVERSITY OF ILLINOIS	\$ 20,168	\$ -
U.S. Dept of Commerce	Pass-through	11.417		UNIVERSITY OF MICHIGAN	4,217	-
U.S. Dept of Commerce	Pass-through	11.417	3004924855	UNIVERSITY OF MICHIGAN	428	-
U.S. Dept of Commerce	Pass-through	11.417	3004924855	UNIVERSITY OF MICHIGAN	2,135	-
U.S. Dept of Commerce	Pass-through	11.417	D007941103	UNIVERSITY OF MINNESOTA	85	-
U.S. Dept of Commerce	Pass-through	11.417	D010061402	UNIVERSITY OF MINNESOTA DULUTH	19,619	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000011683	UNIVERSITY OF MICHIGAN	(1,924)	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000012246	UNIVERSITY OF MICHIGAN	9,052	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000013215	UNIVERSITY OF MICHIGAN	33,800	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000016473	UNIVERSITY OF MICHIGAN	22,738	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000016474	UNIVERSITY OF MICHIGAN	1,668	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000016474	UNIVERSITY OF MICHIGAN	766,449	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000016476	UNIVERSITY OF MICHIGAN	43,209	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000017276	UNIVERSITY OF MICHIGAN	28,994	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000017427	UNIVERSITY OF MICHIGAN	95,209	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000017796	UNIVERSITY OF MICHIGAN	110,715	-
U.S. Dept of Commerce	Pass-through	11.417	SUBK000019610	UNIVERSITY OF MICHIGAN	1,481	-
U.S. Dept of Commerce	Pass-through	11.419	2023-309-MSU	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	21,747	-
U.S. Dept of Commerce	Pass-through	11.419	2023-309-Technical Toolkit Support	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	6,724	-
U.S. Dept of Commerce	Pass-through	11.419	2024-309-Toolkit MSU	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	9,572	-
U.S. Dept of Commerce	Pass-through	11.419	21-Resiliency Strategy-005	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	(402)	-
U.S. Dept of Commerce	Pass-through	11.431	A23-0153-5002	UNIVERSITY OF SOUTH ALABAMA	21,583	-
U.S. Dept of Commerce	Pass-through	11.431	SUBK000014894	UNIVERSITY OF MICHIGAN	277	-
U.S. Dept of Commerce	Pass-through	11.431	SUBK000014894	UNIVERSITY OF MICHIGAN	1,516	-
U.S. Dept of Commerce	Pass-through	11.431	SUBK000014894	UNIVERSITY OF MICHIGAN	2,418	-
U.S. Dept of Commerce	Pass-through	11.432	SUBK000021172	UNIVERSITY OF MICHIGAN	2,485	-
Pass-through Total U.S. Dept of Commerce Total					1,221,963	-
					1,614,314	22,228

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Defense	Direct	12.RD	140G0122P0024	US GEOLOGICAL SURVEY	\$ 3,461	\$ -
U.S. Dept of Defense	Direct	12.RD	HQ086022C6004	MISSILE DEFENSE AGENCY	7,656,793	-
U.S. Dept of Defense	Direct	12.RD	HR00112090131	DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	327,660	-
U.S. Dept of Defense	Direct	12.RD	W912HQ22C0069	STRATEGIC ENVIRONMENTAL RESEARCH & DEVELOPMENT PROGRAM	443,972	36,041
U.S. Dept of Defense	Direct	12.005	W9126G-21-2-0016	US ARMY CORPS OF ENGINEERS	145,921	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2005	OFFICE OF NAVAL RESEARCH	289,842	80,061
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2111	OFFICE OF NAVAL RESEARCH	(9,968)	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2382 PR No. 1000011867	OFFICE OF NAVAL RESEARCH	26,124	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2389	OFFICE OF NAVAL RESEARCH	98,405	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2471	OFFICE OF NAVAL RESEARCH	18,903	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2562	OFFICE OF NAVAL RESEARCH	99,817	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2681	OFFICE OF NAVAL RESEARCH	124,985	-
U.S. Dept of Defense	Direct	12.300	N00014-20-1-2739	OFFICE OF NAVAL RESEARCH	36,310	-
U.S. Dept of Defense	Direct	12.300	N00014-21-1-2273	OFFICE OF NAVAL RESEARCH	73,358	-
U.S. Dept of Defense	Direct	12.300	N00014-21-1-2499	OFFICE OF NAVAL RESEARCH	60,968	-
U.S. Dept of Defense	Direct	12.300	N00014-21-1-2686	OFFICE OF NAVAL RESEARCH	(14)	-
U.S. Dept of Defense	Direct	12.300	N00014-22-1-2143	OFFICE OF NAVAL RESEARCH	88,568	-
U.S. Dept of Defense	Direct	12.300	N00014-22-1-2159	OFFICE OF NAVAL RESEARCH	200,197	-
U.S. Dept of Defense	Direct	12.300	N00014-22-1-2321	OFFICE OF NAVAL RESEARCH	98,075	-
U.S. Dept of Defense	Direct	12.300	N00014-22-1-2533	OFFICE OF NAVAL RESEARCH	200,202	-
U.S. Dept of Defense	Direct	12.300	N00014-23-1-2046	OFFICE OF NAVAL RESEARCH	124,963	-
U.S. Dept of Defense	Direct	12.300	N000142312417	OFFICE OF NAVAL RESEARCH	358,547	23,896
U.S. Dept of Defense	Direct	12.300	N00014-24-1-2168	OFFICE OF NAVAL RESEARCH	8,070	-
U.S. Dept of Defense	Direct	12.300	N000142412180	OFFICE OF NAVAL RESEARCH	43,514	-
U.S. Dept of Defense	Direct	12.300	N00014-24-1-2201	OFFICE OF NAVAL RESEARCH	60,477	-
U.S. Dept of Defense	Direct	12.351	HDTRA12110021	DEFENSE THREAT REDUCTION AGENCY	1,005,161	781,282
U.S. Dept of Defense	Direct	12.351	HDTRA12110026	DEFENSE THREAT REDUCTION AGENCY	414,254	-
U.S. Dept of Defense	Direct	12.351	HDTRA1-23-1-0028	DEFENSE THREAT REDUCTION AGENCY	102,507	-
U.S. Dept of Defense	Direct	12.420	HT94252310578	US DEPT OF DEFENSE	110,071	-
U.S. Dept of Defense	Direct	12.420	HT94252310579	US DEPT OF DEFENSE	327,062	-
U.S. Dept of Defense	Direct	12.420	HT94252310588	US DEPT OF THE ARMY	239,865	11,061
U.S. Dept of Defense	Direct	12.420	HT94252310937	US DEPT OF THE ARMY	169,803	-
U.S. Dept of Defense	Direct	12.420	W81XWH-17-1-0282	US DEPT OF DEFENSE	8,400	4,374
U.S. Dept of Defense	Direct	12.420	W81XWH-17-1-0282 PR 0011021491-0001	US DEPT OF THE ARMY	4,505	1,772
U.S. Dept of Defense	Direct	12.420	W81XWH1910771	US DEPT OF DEFENSE	4,421	-
U.S. Dept of Defense	Direct	12.420	W81XWH2010174	US DEPT OF THE ARMY	78,975	-
U.S. Dept of Defense	Direct	12.420	W81XWH2110002	US DEPT OF DEFENSE	188,428	-
U.S. Dept of Defense	Direct	12.420	W81XWH2110585	US DEPT OF THE ARMY	205,090	-
U.S. Dept of Defense	Direct	12.420	W81XWH2110744	US DEPT OF THE ARMY	281,096	36,274
U.S. Dept of Defense	Direct	12.420	W81XWH2210027	US DEPT OF THE ARMY	57,070	-
U.S. Dept of Defense	Direct	12.420	W81XWH2210804	US DEPT OF THE ARMY	138,715	-
U.S. Dept of Defense	Direct	12.431	W911NF1910174	US ARMY RESEARCH OFFICE	17,337	-
U.S. Dept of Defense	Direct	12.431	W911NF1910444	US ARMY RESEARCH OFFICE	25,892	-
U.S. Dept of Defense	Direct	12.431	W911NF2010205	US ARMY RESEARCH INST FOR THE BEHAVIORAL & SOCIAL SCIENCES	122,406	-
U.S. Dept of Defense	Direct	12.431	W911NF2110153	US ARMY RESEARCH OFFICE	73,005	-
U.S. Dept of Defense	Direct	12.431	W911NF2110319	US ARMY RESEARCH INST FOR THE BEHAVIORAL & SOCIAL SCIENCES	667,757	347,946
U.S. Dept of Defense	Direct	12.431	W911NF2210105	US ARMY RESEARCH OFFICE	159,286	-
U.S. Dept of Defense	Direct	12.431	W911NF2210297	US ARMY RESEARCH OFFICE	147,844	-
U.S. Dept of Defense	Direct	12.431	W911NF2220151	US DEPT OF THE ARMY	74,350	-
U.S. Dept of Defense	Direct	12.431	W911NF2310343	US ARMY RESEARCH OFFICE	103,823	61,977
U.S. Dept of Defense	Direct	12.431	W911NF2420011	US ARMY RESEARCH OFFICE	36,827	-
U.S. Dept of Defense	Direct	12.431	W911QY2410001	US DEPT OF THE ARMY	93,228	-
U.S. Dept of Defense	Direct	12.630	W911NF2120096	US ARMY RESEARCH INST FOR THE BEHAVIORAL & SOCIAL SCIENCES	98,777	-
U.S. Dept of Defense	Direct	12.630	W912H21920021	US ARMY CORPS OF ENGINEERS	113,152	-
U.S. Dept of Defense	Direct	12.800	FA9550-19-1-0281	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	(12,257)	-
U.S. Dept of Defense	Direct	12.800	FA9550-20-1-0073	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	111,035	-
U.S. Dept of Defense	Direct	12.800	FA9550-21-1-0367	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	671,801	312,156
U.S. Dept of Defense	Direct	12.800	FA9550-21-1-0428	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	153,325	-
U.S. Dept of Defense	Direct	12.800	FA9550-22-1-0007	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	119,903	-
U.S. Dept of Defense	Direct	12.800	FA9550-22-1-0523	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	122,156	-
U.S. Dept of Defense	Direct	12.800	FA9550-22-1-0547	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	108,019	-
U.S. Dept of Defense	Direct	12.800	FA9550-23-1-0047	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	68,347	-
U.S. Dept of Defense	Direct	12.800	FA9550-23-1-0224	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	156,616	-
U.S. Dept of Defense	Direct	12.800	FA9550-23-1-0364	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	149,821	10,710
U.S. Dept of Defense	Direct	12.910	HR00112010015	DEFENSE ADVANCED RESEARCH PROJECTS AGENCY	269,511	155,849
Direct Total					17,566,334	1,863,199
U.S. Dept of Defense	Pass-through	12.RD	00551793	AXALLUME INC	\$ 115,993	\$ -
U.S. Dept of Defense	Pass-through	12.RD	06886810	GREAT LAKES CRYSTAL TECHNOLOGIES INC	21,619	-
U.S. Dept of Defense	Pass-through	12.RD	19-032	POLARIS SENSOR TECHNOLOGIES INC	77,891	-
U.S. Dept of Defense	Pass-through	12.RD	202062-141037	NATIONAL CENTER FOR MANUFACTURING SCIENCE	36,431	-
U.S. Dept of Defense	Pass-through	12.RD	2022146-142059	NATIONAL CENTER FOR MANUFACTURING SCIENCE	256,833	-
U.S. Dept of Defense	Pass-through	12.RD	2023-7607	RADIABEAM TECHNOLOGIES INC	201,268	-
U.S. Dept of Defense	Pass-through	12.RD	233816	NFOSCITEX CORPORATION	26,887	-
U.S. Dept of Defense	Pass-through	12.RD	5000405919	NORTHROP GRUMMAN CORP	74,507	-
U.S. Dept of Defense	Pass-through	12.RD	5300042903	NORTHROP GRUMMAN CORP	49,693	-
U.S. Dept of Defense	Pass-through	12.RD	7000533797 7100533797	MASSACHUSETTS INST OF TECH LINCOLN LABS	92,199	-
U.S. Dept of Defense	Pass-through	12.RD	A30466	BOOZ ALLEN HAMILTON INC	468,524	-
U.S. Dept of Defense	Pass-through	12.RD	DRC.11389.RR002192.21	RIVERSIDE RESEARCH	12,561	-
U.S. Dept of Defense	Pass-through	12.RD	E2060281	GEORGE MASON UNIV	137,942	-
U.S. Dept of Defense	Pass-through	12.RD	GR16098	DESERT RESEARCH INST	57,855	-
U.S. Dept of Defense	Pass-through	12.RD	old 7000534877 new 7100534877	MASSACHUSETTS INST OF TECH LINCOLN LABS	65,245	-
U.S. Dept of Defense	Pass-through	12.RD	S-10789-02	ABSS SOLUTIONS INC	15,235	-
U.S. Dept of Defense	Pass-through	12.RD	S-200331-004190-MSU	APPLIED RESEARCH ASSOCIATES INC	14,967	-
U.S. Dept of Defense	Pass-through	12.RD	S-D00045-CWMD-115-MSU	APPLIED RESEARCH ASSOCIATES INC	8,581	-
U.S. Dept of Defense	Pass-through	12.RD	S-D00045-CWMD-115-MSU	APPLIED RESEARCH ASSOCIATES INC	99,873	-
U.S. Dept of Defense	Pass-through	12.RD	UA 22-0004	UNIVERSITY OF ALASKA	80,629	38,332
U.S. Dept of Defense	Pass-through	12.RD	UA 24-0054	UNIVERSITY OF ALASKA	28,963	-
U.S. Dept of Defense	Pass-through	12.300	32953-PM-RB-110891	UNIVERSITY OF MASSACHUSETTS DARTMOUTH	(2,496)	-
U.S. Dept of Defense	Pass-through	12.300	705728	UNIVERSITY OF CALIFORNIA SAN DIEGO	117,233	-
U.S. Dept of Defense	Pass-through	12.300	AWD00003971(417688-3)	UNIVERSITY OF PITTSBURGH	251,781	-
U.S. Dept of Defense	Pass-through	12.300	AWD-005072-G3	GEORGIA INST OF TECHNOLOGY	89,114	-
U.S. Dept of Defense	Pass-through	12.420	121910	BRIGHAM & WOMENS HOSPITAL	1,551	-
U.S. Dept of Defense	Pass-through	12.420	GENFD0002150381	BOSTON CHILDRENS HOSPITAL	368	-
U.S. Dept of Defense	Pass-through	12.420	S-11174-03	THE GENEVA FOUNDATION	74,960	-
U.S. Dept of Defense	Pass-through	12.420	SUB00002317	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION INC	103,439	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Defense	Pass-through	12.431	S001919-ARO	PENNSYLVANIA STATE UNIV	\$ 38,151	\$ -
U.S. Dept of Defense	Pass-through	12.431	SUB0000257	PRINCETON UNIV	2,715	-
U.S. Dept of Defense	Pass-through	12.630	586938	UNIVERSITY OF PENNSYLVANIA	21,299	-
U.S. Dept of Defense	Pass-through	12.630	ASUB00000846	ARIZONA STATE UNIV	125,918	-
U.S. Dept of Defense	Pass-through	12.630	M2303827	TEXAS A&M ENGINEERING EXPERIMENT STATION	72,404	-
U.S. Dept of Defense	Pass-through	12.630	X03061134	RICE UNIV	182,554	-
U.S. Dept of Defense	Pass-through	12.800	271704-87D5	UNIVERSITY OF NEW MEXICO	233,783	-
U.S. Dept of Defense	Pass-through	12.800	R1378189	STATE UNIV OF NEW YORK UNIV AT BUFFALO	2,663	-
U.S. Dept of Defense	Pass-through	12.800	S-072000101701-06	METIS FOUNDATION	205,971	116,362
U.S. Dept of Defense	Pass-through	12.910	112846-19457	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	190,716	-
U.S. Dept of Defense	Pass-through	12.910	1300098-029	PURDUE UNIV	7,184	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019362	UNIVERSITY OF MICHIGAN	191,458	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019374	UNIVERSITY OF MICHIGAN	101,767	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019377	UNIVERSITY OF MICHIGAN	430,828	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019381	UNIVERSITY OF MICHIGAN	234,888	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019384	UNIVERSITY OF MICHIGAN	463,657	-
U.S. Dept of Defense	Pass-through	12.910	SUBK00019385	UNIVERSITY OF MICHIGAN	804,920	-
U.S. Dept of Defense	Pass-through	12.910	W911NF-21-C-0007-02	TWO SIX LABS	15,317	-
Pass-through Total U.S. Dept of Defense Total					5,905,839	154,684
					23,472,173	2,017,893
U.S. Dept of Housing and Urban Development	Direct	14.506	RP-20-MI-003	US DEPT OF HOUSING & URBAN DEVELOPMENT	\$ 47,952	\$ -
U.S. Dept of Housing and Urban Development	Direct	14.902	MLTS0025-21	US DEPT OF HOUSING & URBAN DEVELOPMENT	219,207	-
Direct Total					267,159	-
U.S. Dept of Housing and Urban Development	Pass-through	14.906	S03277-01	UNIVERSITY OF IOWA	\$ 89,459	\$ -
Pass-through Total U.S. Dept of Housing and Urban Development Total					89,459	-
					356,618	-
U.S. Dept of Interior	Direct	15.RD	140G0119C0009	US GEOLOGICAL SURVEY	\$ (691)	\$ -
U.S. Dept of Interior	Direct	15.808	F19AP00663	US FISH & WILDLIFE SERVICE	2,491	-
U.S. Dept of Interior	Direct	15.808	F20AP10847-00	US FISH & WILDLIFE SERVICE	9,302	-
U.S. Dept of Interior	Direct	15.808	F23AP02796-00	US FISH & WILDLIFE SERVICE	46,018	-
U.S. Dept of Interior	Direct	15.628	F22AP00590-00	US FISH & WILDLIFE SERVICE	43,555	-
U.S. Dept of Interior	Direct	15.637	F23AC02101	US FISH & WILDLIFE SERVICE	13,223	-
U.S. Dept of Interior	Direct	15.652	F20AC11089-00	US FISH & WILDLIFE SERVICE	(152)	-
U.S. Dept of Interior	Direct	15.655	F21AC02818-01	US FISH & WILDLIFE SERVICE	28,519	-
U.S. Dept of Interior	Direct	15.657	F22AC01443-00	US FISH & WILDLIFE SERVICE	76,733	-
U.S. Dept of Interior	Direct	15.657	F22AP01247	US FISH & WILDLIFE SERVICE	84,359	-
U.S. Dept of Interior	Direct	15.657	F23AC00691-01	US FISH & WILDLIFE SERVICE	152,209	-
U.S. Dept of Interior	Direct	15.657	F23AC01262-00	US FISH & WILDLIFE SERVICE	4,416	-
U.S. Dept of Interior	Direct	15.657	F23AP01239-00	US FISH & WILDLIFE SERVICE	66,025	-
U.S. Dept of Interior	Direct	15.662	F20AC10391	US FISH & WILDLIFE SERVICE	187,668	100,229
U.S. Dept of Interior	Direct	15.662	F21AC01211-00	US FISH & WILDLIFE SERVICE	70,297	-
U.S. Dept of Interior	Direct	15.662	F21AC01556-00	US FISH & WILDLIFE SERVICE	36,159	-
U.S. Dept of Interior	Direct	15.662	F21AC02286-00	US FISH & WILDLIFE SERVICE	212,934	123,557
U.S. Dept of Interior	Direct	15.662	F21AP02401	US FISH & WILDLIFE SERVICE	115,122	-
U.S. Dept of Interior	Direct	15.662	F23AC00492-00	US FISH & WILDLIFE SERVICE	192,691	-
U.S. Dept of Interior	Direct	15.662	F23AC02091-00	US FISH & WILDLIFE SERVICE	32,532	-
U.S. Dept of Interior	Direct	15.662	F23AC02138-00	US FISH & WILDLIFE SERVICE	49,589	-
U.S. Dept of Interior	Direct	15.662	F24AC00208	US FISH & WILDLIFE SERVICE	8,253	-
U.S. Dept of Interior	Direct	15.678	F20AC00228	US DEPT OF THE INTERIOR	2,517	-
U.S. Dept of Interior	Direct	15.686	F23AP02255-00	US FISH & WILDLIFE SERVICE	55,066	-
U.S. Dept of Interior	Direct	15.805	G21AP10617	US GEOLOGICAL SURVEY	181,466	-
U.S. Dept of Interior	Direct	15.805	G24AC00120	US GEOLOGICAL SURVEY	4,996	-
U.S. Dept of Interior	Direct	15.808	G19AC00109	US GEOLOGICAL SURVEY	2,255	-
U.S. Dept of Interior	Direct	15.808	G20AC00275	US GEOLOGICAL SURVEY	17,666	-
U.S. Dept of Interior	Direct	15.808	G21AC00013	US GEOLOGICAL SURVEY	183,050	-
U.S. Dept of Interior	Direct	15.808	G21AC10255	US GEOLOGICAL SURVEY	225,268	-
U.S. Dept of Interior	Direct	15.808	G22AC00003	US GEOLOGICAL SURVEY	41,735	-
U.S. Dept of Interior	Direct	15.808	G22AC00244-00	US GEOLOGICAL SURVEY	182,846	-
U.S. Dept of Interior	Direct	15.945	P20AC00302	NATIONAL PARK SERVICE	2,542	-
U.S. Dept of Interior	Direct	15.945	P22AC00391	NATIONAL PARK SERVICE	23,439	513
U.S. Dept of Interior	Direct	15.945	P22AC01616-00	NATIONAL PARK SERVICE	63,115	-
U.S. Dept of Interior	Direct	15.945	P23AC00806	NATIONAL PARK SERVICE	7,764	-
U.S. Dept of Interior	Direct	15.945	P24AC00365-00	NATIONAL PARK SERVICE	2,175	-
U.S. Dept of Interior	Direct	15.945	P24AC00519-00	NATIONAL PARK SERVICE	2,706	-
U.S. Dept of Interior	Direct	15.954	P23AC00290-00	NATIONAL PARK SERVICE	8,651	-
Direct Total					2,436,509	224,299
U.S. Dept of Interior	Pass-through	15.RD	Contract 200000002032, DO 230000005508	MICHIGAN DEPT OF NATURAL RESOURCES	\$ 126,094	\$ -
U.S. Dept of Interior	Pass-through	15.RD	DSC21030	STATE OF CALIFORNIA	104,607	-
U.S. Dept of Interior	Pass-through	15.RD	SMS0004461	KBR	(5,311)	-
U.S. Dept of Interior	Pass-through	15.RD	SMS0004461, Task Order 91	KBR	32,808	-
U.S. Dept of Interior	Pass-through	15.232	SPC-1000006133GR125647	OHIO STATE UNIV	25,285	-
U.S. Dept of Interior	Pass-through	15.608		THE NATURE CONSERVANCY	168	-
U.S. Dept of Interior	Pass-through	15.608	1	LITTLE TRAVERSE CONSERVANCY	16,604	-
U.S. Dept of Interior	Pass-through	15.608	IP00657365	ASSOC OF FISH & WILDLIFE AGENCIES	42,500	-
U.S. Dept of Interior	Pass-through	15.616	SUBK00016697	UNIVERSITY OF MICHIGAN	75	-
U.S. Dept of Interior	Pass-through	15.634	24000000277	MICHIGAN DEPT OF NATURAL RESOURCES	30,095	-
U.S. Dept of Interior	Pass-through	15.634	DO 240000005184 DO 230000005769 DO 220000016731 MA 18000000169	MICHIGAN DEPT OF NATURAL RESOURCES	103,845	-
U.S. Dept of Interior	Pass-through	15.634	FISH 2023-17	MICHIGAN DEPT OF NATURAL RESOURCES	36,030	-
U.S. Dept of Interior	Pass-through	15.634	FISH 2024-01	MICHIGAN DEPT OF NATURAL RESOURCES	160,490	-
U.S. Dept of Interior	Pass-through	15.634	FISH 2024-716	MICHIGAN DEPT OF NATURAL RESOURCES	33,554	-
U.S. Dept of Interior	Pass-through	15.639	IP# 00667158	LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS	4,020	-
U.S. Dept of Interior	Pass-through	15.657	1	MICHIGAN NATURE ASSOC	74,620	-
U.S. Dept of Interior	Pass-through	15.662	0501.22.075075	NATIONAL FISH & WILDLIFE FOUNDATION	14,273	-
U.S. Dept of Interior	Pass-through	15.662	0501.23.078879	NATIONAL FISH & WILDLIFE FOUNDATION	8,021	-
U.S. Dept of Interior	Pass-through	15.662	061121-1	THE NATURE CONSERVANCY	(219)	-
U.S. Dept of Interior	Pass-through	15.662	AISGLR-24-005	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	74,396	-
U.S. Dept of Interior	Pass-through	15.662	FISH 2022-02	MICHIGAN DEPT OF NATURAL RESOURCES	100,690	838
U.S. Dept of Interior	Pass-through	15.662	FISH2 2022-10	MICHIGAN DEPT OF NATURAL RESOURCES	4,514	-
U.S. Dept of Interior	Pass-through	15.662	FISH2 2023-20	MICHIGAN DEPT OF NATURAL RESOURCES	307,043	-
U.S. Dept of Interior	Pass-through	15.662	MSUP 00608294	ARENAC CONSERVATION DISTRICT	38,587	-
U.S. Dept of Interior	Pass-through	15.670		ASSOC OF FISH & WILDLIFE AGENCIES	2,205	-
U.S. Dept of Interior	Pass-through	15.670		ASSOC OF FISH & WILDLIFE AGENCIES	36,874	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Interior	Pass-through	15.670		ASSOC OF FISH & WILDLFE AGENCIES	\$ 72,268	\$ -
U.S. Dept of Interior	Pass-through	15.820	22-016386-A-00	UNIVERSITY OF MASSACHUSETTS AMHERST	147,999	76,520
U.S. Dept of Interior	Pass-through	15.820	P009481402	UNIVERSITY OF MINNESOTA	43,590	-
U.S. Dept of Interior	Pass-through	15.820	P010256301	UNIVERSITY OF MINNESOTA	50,036	-
U.S. Dept of Interior	Pass-through	15.820	P010748001	UNIVERSITY OF MINNESOTA TWIN CITIES	68,419	-
Pass-through Total					1,754,180	77,358
U.S. Dept of Interior Total					4,190,689	301,657
U.S. Dept of Justice	Direct	16.550	15PBJS-21-GK-00021-BJSB	OFFICE OF JUSTICE PROGRAMS	\$ 156,934	\$ 24,119
U.S. Dept of Justice	Direct	16.550	15PBJS-22-GK-00719-BJSB	OFFICE OF JUSTICE PROGRAMS	23,828	-
U.S. Dept of Justice	Direct	16.550	15PBJS23GK00678BJSB	OFFICE OF JUSTICE PROGRAMS	74,723	-
U.S. Dept of Justice	Direct	16.550	2020-86-CX-K025	OFFICE OF JUSTICE PROGRAMS	58,238	-
U.S. Dept of Justice	Direct	16.560	15PNUJ-21-GG-00095-TITL	NATIONAL INST OF JUSTICE	301,159	70,368
U.S. Dept of Justice	Direct	16.560	15PNUJ-22-GG-03139-RESS	NATIONAL INST OF JUSTICE	129,313	-
U.S. Dept of Justice	Direct	16.560	15PNUJ-23-GG-04231-RESS	NATIONAL INST OF JUSTICE	14,863	-
U.S. Dept of Justice	Direct	16.560	2019-MJ-CX-0094	US DEPT OF JUSTICE	104,978	-
U.S. Dept of Justice	Direct	16.560	2020-75-CX-0012	NATIONAL INST OF JUSTICE	51,761	-
U.S. Dept of Justice	Direct	16.560	2020-ZA-CX-0001	NATIONAL INST OF JUSTICE	153,159	44,920
U.S. Dept of Justice	Direct	16.710	15JCOPS-22-GK-03551-PPSE	COMMUNITY ORIENTED POLICING SERVICES	179,366	-
Direct Total					1,248,322	139,407
U.S. Dept of Justice	Pass-through	16.026	501756SG2246	DEPAUL UNIV	\$ 40,520	\$ -
U.S. Dept of Justice	Pass-through	16.560	2367-224-2015103	CLEMSON UNIV	65,216	-
U.S. Dept of Justice	Pass-through	16.560	CM00005839-00	RESEARCH FOUNDATION OF CUNY	71,452	-
U.S. Dept of Justice	Pass-through	16.560	SUBK00009848	UNIVERSITY OF MICHIGAN	2,313	-
U.S. Dept of Justice	Pass-through	16.560	UA2022-319	UNIVERSITY OF ARKANSAS	94,493	-
U.S. Dept of Justice	Pass-through	16.609		CITY OF JACKSON	7,883	-
U.S. Dept of Justice	Pass-through	16.609	15PBJA-22-GG-00779-GUNP	SAGINAW COMMUNITY FOUNDATION	4,337	-
U.S. Dept of Justice	Pass-through	16.609	IP00554797	BLACK FAMILY DEVELOPMENT INC	33,812	-
U.S. Dept of Justice	Pass-through	16.738		CITY OF SAGINAW	7,054	-
U.S. Dept of Justice	Pass-through	16.738	23-MSU-1-1705	CNA	118,990	-
U.S. Dept of Justice	Pass-through	16.738	JRS48290-002	JUSTICE RESEARCH & STATISTICS ASSOC	102,467	-
U.S. Dept of Justice	Pass-through	16.812	17479-001	DETROIT RESCUE MISSION MINISTRIES	7,457	-
U.S. Dept of Justice	Pass-through	16.817	6003398	CITY OF DETROIT	16,773	-
U.S. Dept of Justice	Pass-through	16.817	6005067	DETROIT POLICE DEPARTMENT	28,777	-
U.S. Dept of Justice	Pass-through	16.833	14-312-0217208-67165L	RTI INTL	82,204	-
U.S. Dept of Justice	Pass-through	16.833	SAKI-18-001	MICHIGAN STATE POLICE	10,342	-
U.S. Dept of Justice	Pass-through	16.833	SAKI-18-02	MICHIGAN STATE POLICE	154,348	-
U.S. Dept of Justice	Pass-through	16.835	15PBJA23GK04088BWXC	JUSTICE & SECURITY STRATEGIES INC	30,779	-
U.S. Dept of Justice	Pass-through	16.835	15PBJA-23-GK-04176-BWXC	JUSTICE & SECURITY STRATEGIES INC	26,095	-
U.S. Dept of Justice	Pass-through	16.838	6004467	CITY OF DETROIT	(12,621)	-
U.S. Dept of Justice	Pass-through	16.838	6005357	CITY OF DETROIT	54,561	-
Pass-through Total					947,232	-
U.S. Dept of Justice Total					2,195,554	139,407
U.S. Dept of State	Direct	19.RD	19AQMM19P0582	US DEPT OF STATE	\$ 30,331	\$ -
U.S. Dept of State	Direct	19.RD	19AQMM20P1473	US DEPT OF STATE	92,375	30,191
U.S. Dept of State	Direct	19.O40	SFR63022GR0031	US EMBASSY & CONSULATES IN FRANCE	3,600	-
U.S. Dept of State	Direct	19.A15	SECAGD23CA0060	US DEPT OF STATE	37,137	-
Direct Total					163,443	30,191
U.S. Dept of State	Pass-through	19.345	SUB00003349	UNIVERSITY OF GEORGIA	\$ 50,642	\$ -
Pass-through Total					50,642	-
U.S. Dept of State Total					214,085	30,191
U.S. Dept of Transportation	Direct	20.724	693JK32050002CAAP	US DEPT OF TRANSPORTATION	\$ 1,227	\$ 1,029
U.S. Dept of Transportation	Direct	20.724	693JK32050003CAAP	US DEPT OF TRANSPORTATION	2,394	2,394
Direct Total					3,621	3,423
U.S. Dept of Transportation	Pass-through	20.RD	30900766.00	WSP MICHIGAN INC	\$ 30,399	\$ -
U.S. Dept of Transportation	Pass-through	20.RD	21-57	ENGINEERING AND SOFTWARE CONSULTANTS LLC (ESC)	6,211	-
U.S. Dept of Transportation	Pass-through	20.RD	S230519	PRAIRIE VIEW A&M UNIV	162,010	-
U.S. Dept of Transportation	Pass-through	20.RD	SBR-AMPT-23-02	ENGINEERING AND SOFTWARE CONSULTANTS LLC (ESC)	172,966	-
U.S. Dept of Transportation	Pass-through	20.RD	TR-797	STATE OF IOWA DEPT OF TRANSPORTATION	45,608	-
U.S. Dept of Transportation	Pass-through	20.106		GERALD R FORD INTERNATIONAL AIRPORT	75,863	-
U.S. Dept of Transportation	Pass-through	20.200	NCHRP-238	NATIONAL ACADEMY OF SCIENCES	82,705	-
U.S. Dept of Transportation	Pass-through	20.205	1036336	MINNESOTA DEPT OF TRANSPORTATION	68,602	-
U.S. Dept of Transportation	Pass-through	20.205	1036336	MINNESOTA DEPT OF TRANSPORTATION	135,182	92,411
U.S. Dept of Transportation	Pass-through	20.205	1036336-12	MINNESOTA DEPT OF TRANSPORTATION	27,360	220
U.S. Dept of Transportation	Pass-through	20.205	1036336-13	MINNESOTA DEPT OF TRANSPORTATION	5,001	-
U.S. Dept of Transportation	Pass-through	20.205	1055609	MINNESOTA DEPT OF TRANSPORTATION	204,909	-
U.S. Dept of Transportation	Pass-through	20.205	130488-Q0397301	UNIVERSITY OF MARYLAND	5,967	-
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-CEE	MICHIGAN FITNESS FOUNDATION	66,298	-
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-CEE	MICHIGAN FITNESS FOUNDATION	105,114	-
U.S. Dept of Transportation	Pass-through	20.205	SJ2202	NEBRASKA DEPARTMENT OF TRANSPORTATION	56,674	-
U.S. Dept of Transportation	Pass-through	20.205	SPR-RE22(010)-8H-00	STATE OF IOWA DEPT OF TRANSPORTATION	160,804	97,588
U.S. Dept of Transportation	Pass-through	20.205	TPF-5(438)	STATE OF IOWA DEPT OF TRANSPORTATION	37,069	11,708
U.S. Dept of Transportation	Pass-through	20.205	TPF-5(438)	STATE OF IOWA DEPT OF TRANSPORTATION	60,205	17,517
U.S. Dept of Transportation	Pass-through	20.325	21-1100-6767-Michigan	SAN JOSE STATE UNIV FOUNDATION	311,156	-
U.S. Dept of Transportation	Pass-through	20.325	M2400290	TEXAS A&M UNIV	102,861	-
U.S. Dept of Transportation	Pass-through	20.505	2013-0066-Z10	MICHIGAN DEPT OF TRANSPORTATION	24,550	-
U.S. Dept of Transportation	Pass-through	20.505	2019-1007	MICHIGAN DEPT OF TRANSPORTATION	3,075	-
U.S. Dept of Transportation	Pass-through	20.505	2020-0159	MICHIGAN DEPT OF TRANSPORTATION	(3,052)	-
U.S. Dept of Transportation	Pass-through	20.505	2020-0235	MICHIGAN DEPT OF TRANSPORTATION	30,478	-
U.S. Dept of Transportation	Pass-through	20.505	2021-0207	MICHIGAN DEPT OF TRANSPORTATION	87	-
U.S. Dept of Transportation	Pass-through	20.505	2021-0288	MICHIGAN DEPT OF TRANSPORTATION	106,504	63,961
U.S. Dept of Transportation	Pass-through	20.505	2021-0412	MICHIGAN DEPT OF TRANSPORTATION	59,505	26,798
U.S. Dept of Transportation	Pass-through	20.505	2023-0135	MICHIGAN DEPT OF TRANSPORTATION	90,768	-
U.S. Dept of Transportation	Pass-through	20.505	2023-0155	MICHIGAN DEPT OF TRANSPORTATION	114,642	-
U.S. Dept of Transportation	Pass-through	20.505	2023-0342	MICHIGAN DEPT OF TRANSPORTATION	116,734	-
U.S. Dept of Transportation	Pass-through	20.505	2023-0458	MICHIGAN DEPT OF TRANSPORTATION	120,766	114
U.S. Dept of Transportation	Pass-through	20.505	2023-0498	MICHIGAN DEPT OF TRANSPORTATION	99,548	-
U.S. Dept of Transportation	Pass-through	20.505	2023-0566	MICHIGAN DEPT OF TRANSPORTATION	29,539	-
U.S. Dept of Transportation	Pass-through	20.505	2024-0580	MICHIGAN DEPT OF TRANSPORTATION	9,085	-
U.S. Dept of Transportation	Pass-through	20.701	2024-0433	MICHIGAN DEPT OF TRANSPORTATION	6,604	-
U.S. Dept of Transportation	Pass-through	20.724	ASUB00000975	ARIZONA STATE UNIV	49,676	-
Pass-through Total					2,781,473	310,317
U.S. Dept of Transportation Total					2,785,094	313,740

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Treasury	Pass-through	21.027	COVID-19 - 014472	TEACH FOR AMERICA	\$ 59,155	\$ -
U.S. Dept of Treasury Total					59,155	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K0476	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	\$ 135,816	\$ 44,501
National Aeronautics and Space Administration	Direct	43.001	80NSSC18K1707	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	561	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC19K1454	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	(73)	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0019	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	60,091	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0263	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	65,470	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0366	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	148,724	80,141
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0411	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	61,338	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0503	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	107,094	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0740	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	176,251	15,960
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0312	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	272,200	27,033
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0315	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	663	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0400	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	61,605	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0403	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	986	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0628	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	85,212	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0907	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	76,825	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K1181	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	106,581	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K1340	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	3,016	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K1398	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	96,153	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K1424	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	14,588	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21M0023	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	16,516	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21M0128	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	81,883	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21M0131	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	199,505	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K0300	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	96,734	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1363	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	17,462	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1363	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	5,662	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1363	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	563,035	395,945
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1504	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	35,634	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1593	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	36,976	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC22K1874	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	73,520	7,480
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K0497	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	118,646	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K0531	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	351,626	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K0535	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	285,974	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K0712	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	65,586	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1247	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	29,608	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1350	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	33,788	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1376	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	45,148	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1482	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	46,606	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1575	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	6,577	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC23K1604	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	13,547	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC24K0020	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	35,183	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC24K0597	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	7,739	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC24K0685	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	680	-
National Aeronautics and Space Administration	Direct	43.001	GO1-2205X	CHANDRA SCIENCE CENTER	18,411	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0410	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	237,050	101,393
National Aeronautics and Space Administration	Direct	43.001	SV1-31002	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	51,866	-
National Aeronautics and Space Administration	Direct	43.002	80NSSC21K1122	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	(5,212)	-
National Aeronautics and Space Administration	Direct	43.002	80NSSC21K1122	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	(1,944)	-
National Aeronautics and Space Administration	Direct	43.002	80NSSC23K0951	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	37,270	-
National Aeronautics and Space Administration	Direct	43.003	80NSSC19K0707	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	144,069	-
National Aeronautics and Space Administration	Direct	43.003	80NSSC23K1124	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	87,850	15,011
National Aeronautics and Space Administration	Direct	43.007	80NSSC22K1727	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	91,816	-
Direct Total					4,281,912	687,464
National Aeronautics and Space Administration	Pass-through	43.RD	HST-AR-16160.001-A	SPACE TELESCOPE SCIENCE INST	\$ 18,125	\$ -
National Aeronautics and Space Administration	Pass-through	43.RD	HST-AR-16613.002-A	SPACE TELESCOPE SCIENCE INST	42,307	-
National Aeronautics and Space Administration	Pass-through	43.001	105678-26411201	UNIVERSITY OF MARYLAND	35,165	-
National Aeronautics and Space Administration	Pass-through	43.001	117534-26477201	UNIVERSITY OF MARYLAND	10,105	-
National Aeronautics and Space Administration	Pass-through	43.001	119728-26491201	UNIVERSITY OF MARYLAND	36,093	-
National Aeronautics and Space Administration	Pass-through	43.001	123949-28512201	UNIVERSITY OF MARYLAND	41,368	-
National Aeronautics and Space Administration	Pass-through	43.001	214005-MSU-01	GRAND VALLEY STATE UNIV	29,022	-
National Aeronautics and Space Administration	Pass-through	43.001	312090	SOUTH DAKOTA STATE UNIV	29,719	-
National Aeronautics and Space Administration	Pass-through	43.001	51072	SPACE TELESCOPE SCIENCE INST	(211,116)	-
National Aeronautics and Space Administration	Pass-through	43.001	AR1-22011X	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	28,410	-
National Aeronautics and Space Administration	Pass-through	43.001	AR1-22014C	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	572	-
National Aeronautics and Space Administration	Pass-through	43.001	G-96854-01	COLORADO STATE UNIV	53,519	-
National Aeronautics and Space Administration	Pass-through	43.001	GO0-21074X	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	4,559	-
National Aeronautics and Space Administration	Pass-through	43.001	GO2-23016X	CHANDRA SCIENCE CENTER	10,604	-
National Aeronautics and Space Administration	Pass-through	43.001	GO2-23061X	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	28,830	-
National Aeronautics and Space Administration	Pass-through	43.001	GO4-25048X	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	8,015	-
National Aeronautics and Space Administration	Pass-through	43.001	GO4-25064X	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	4,056	-
National Aeronautics and Space Administration	Pass-through	43.001	GR18180	UNIVERSITY OF NEVADA LAS VEGAS	16,772	-
National Aeronautics and Space Administration	Pass-through	43.001	JWST-GO-03195.002-A	SPACE TELESCOPE SCIENCE INST	16,730	-
National Aeronautics and Space Administration	Pass-through	43.001	NR5893-691637	UNIVERSITY OF DAHO	22,996	-
National Aeronautics and Space Administration	Pass-through	43.001	S003479-NASA	PENNSYLVANIA STATE UNIV	50,471	-
National Aeronautics and Space Administration	Pass-through	43.001	STS01-52353	SPACE TELESCOPE SCIENCE INST	34,917	-
National Aeronautics and Space Administration	Pass-through	43.001	SUB00003866	UNIVERSITY OF FLORIDA	20,394	-
National Aeronautics and Space Administration	Pass-through	43.001	UMS1288	UNIVERSITY OF MAINE	33,592	-
National Aeronautics and Space Administration	Pass-through	43.008	22007-83824-1	TEXAS STATE UNIVERSITY	78,386	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00011998	UNIVERSITY OF MICHIGAN	2,750	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00011998	UNIVERSITY OF MICHIGAN	3,938	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00011998	UNIVERSITY OF MICHIGAN	5,000	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00011998	UNIVERSITY OF MICHIGAN	5,000	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00011998	UNIVERSITY OF MICHIGAN	5,402	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	UNIVERSITY OF MICHIGAN	5,500	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	(432)	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	(4)	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	(6)	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	(4)	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	1,135	-
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	1,928	-

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Aeronautics and Space Administration	Pass-through	43.008	SUBK00017457	MICHIGAN SPACE GRANT CONSORTIUM	\$ 1,931	\$ -
Pass-through Total					665,321	-
National Aeronautics and Space Administration Total					4,947,233	687,464
National Endowment for the Arts and Humanities	Direct	45.312	LG-250059-OLS-21	INST OF MUSEUM & LIBRARY SERVICES	\$ 46,237	\$ 9,601
Direct Total					46,237	9,601
National Endowment for the Arts and Humanities	Pass-through	45.024	233405595	UNIVERSITY OF WISCONSIN MLWAUKEE	\$ 20,917	\$ -
National Endowment for the Arts and Humanities	Pass-through	45.024	243405613	UNIVERSITY OF WISCONSIN MLWAUKEE	\$ 57,280	\$ -
Pass-through Total					78,197	-
National Endowment for the Arts and Humanities Total					124,434	9,601
National Science Foundation	Direct	47.000	2150096	NATIONAL SCIENCE FOUNDATION	\$ 41,521	\$ -
National Science Foundation	Direct	47.041	2236894	NATIONAL SCIENCE FOUNDATION	43,452	-
National Science Foundation	Direct	47.041	1703735	NATIONAL SCIENCE FOUNDATION	1,197	-
National Science Foundation	Direct	47.041	1750785	NATIONAL SCIENCE FOUNDATION	135,933	-
National Science Foundation	Direct	47.041	1762331	NATIONAL SCIENCE FOUNDATION	(158)	-
National Science Foundation	Direct	47.041	1802992	NATIONAL SCIENCE FOUNDATION	180	-
National Science Foundation	Direct	47.041	1802992-PSC	NATIONAL SCIENCE FOUNDATION	(133)	-
National Science Foundation	Direct	47.041	1824976	NATIONAL SCIENCE FOUNDATION	19,795	-
National Science Foundation	Direct	47.041	1825678	NATIONAL SCIENCE FOUNDATION	77	-
National Science Foundation	Direct	47.041	1825678	NATIONAL SCIENCE FOUNDATION	2,634	-
National Science Foundation	Direct	47.041	1825678	NATIONAL SCIENCE FOUNDATION	14,840	-
National Science Foundation	Direct	47.041	1854750	NATIONAL SCIENCE FOUNDATION	2,621	-
National Science Foundation	Direct	47.041	1854750	NATIONAL SCIENCE FOUNDATION	12,259	-
National Science Foundation	Direct	47.041	1854750	NATIONAL SCIENCE FOUNDATION	15,467	-
National Science Foundation	Direct	47.041	1902250	NATIONAL SCIENCE FOUNDATION	968	-
National Science Foundation	Direct	47.041	1917577	NATIONAL SCIENCE FOUNDATION	29	-
National Science Foundation	Direct	47.041	1918074	NATIONAL SCIENCE FOUNDATION	78,211	-
National Science Foundation	Direct	47.041	1923409	NATIONAL SCIENCE FOUNDATION	130,654	-
National Science Foundation	Direct	47.041	1933768	NATIONAL SCIENCE FOUNDATION	8,911	-
National Science Foundation	Direct	47.041	1940950	NATIONAL SCIENCE FOUNDATION	203,240	-
National Science Foundation	Direct	47.041	1943716	NATIONAL SCIENCE FOUNDATION	170,633	-
National Science Foundation	Direct	47.041	1943759	NATIONAL SCIENCE FOUNDATION	7,624	-
National Science Foundation	Direct	47.041	1943759	NATIONAL SCIENCE FOUNDATION	77,241	-
National Science Foundation	Direct	47.041	1947009	NATIONAL SCIENCE FOUNDATION	12,424	-
National Science Foundation	Direct	47.041	1947009	NATIONAL SCIENCE FOUNDATION	21,786	-
National Science Foundation	Direct	47.041	1947009	NATIONAL SCIENCE FOUNDATION	54,782	-
National Science Foundation	Direct	47.041	1950794	NATIONAL SCIENCE FOUNDATION	26,707	-
National Science Foundation	Direct	47.041	1950794	NATIONAL SCIENCE FOUNDATION	108,999	-
National Science Foundation	Direct	47.041	2015194	NATIONAL SCIENCE FOUNDATION	6,761	-
National Science Foundation	Direct	47.041	2015194	NATIONAL SCIENCE FOUNDATION	131,630	-
National Science Foundation	Direct	47.041	2019320	NATIONAL SCIENCE FOUNDATION	70,768	-
National Science Foundation	Direct	47.041	2024270	NATIONAL SCIENCE FOUNDATION	130,573	-
National Science Foundation	Direct	47.041	2024649	NATIONAL SCIENCE FOUNDATION	353,767	48,374
National Science Foundation	Direct	47.041	2025959	NATIONAL SCIENCE FOUNDATION	64,669	-
National Science Foundation	Direct	47.041	2026717	NATIONAL SCIENCE FOUNDATION	(687)	-
National Science Foundation	Direct	47.041	2027113	NATIONAL SCIENCE FOUNDATION	15,366	-
National Science Foundation	Direct	47.041	COVID-19 -2028474	NATIONAL SCIENCE FOUNDATION	24,135	-
National Science Foundation	Direct	47.041	2028474	NATIONAL SCIENCE FOUNDATION	53,160	-
National Science Foundation	Direct	47.041	2028736	NATIONAL SCIENCE FOUNDATION	37,938	-
National Science Foundation	Direct	47.041	2029374	NATIONAL SCIENCE FOUNDATION	411,312	-
National Science Foundation	Direct	47.041	2030411	NATIONAL SCIENCE FOUNDATION	101,672	-
National Science Foundation	Direct	47.041	2030556	NATIONAL SCIENCE FOUNDATION	22,397	-
National Science Foundation	Direct	47.041	2032709	NATIONAL SCIENCE FOUNDATION	147,411	-
National Science Foundation	Direct	47.041	2043464	NATIONAL SCIENCE FOUNDATION	91,256	-
National Science Foundation	Direct	47.041	2044254	NATIONAL SCIENCE FOUNDATION	12,305	-
National Science Foundation	Direct	47.041	2044254	NATIONAL SCIENCE FOUNDATION	118,081	-
National Science Foundation	Direct	47.041	2044877	NATIONAL SCIENCE FOUNDATION	128,617	-
National Science Foundation	Direct	47.041	2044886	NATIONAL SCIENCE FOUNDATION	93,169	-
National Science Foundation	Direct	47.041	2045436	NATIONAL SCIENCE FOUNDATION	292,209	-
National Science Foundation	Direct	47.041	2045776	NATIONAL SCIENCE FOUNDATION	80,197	-
National Science Foundation	Direct	47.041	2046374	NATIONAL SCIENCE FOUNDATION	17,028	-
National Science Foundation	Direct	47.041	2046374	NATIONAL SCIENCE FOUNDATION	29,246	-
National Science Foundation	Direct	47.041	2055068	NATIONAL SCIENCE FOUNDATION	182,945	-
National Science Foundation	Direct	47.041	2102015	NATIONAL SCIENCE FOUNDATION	87,483	-
National Science Foundation	Direct	47.041	2122681	NATIONAL SCIENCE FOUNDATION	3,924	-
National Science Foundation	Direct	47.041	2122681	NATIONAL SCIENCE FOUNDATION	24,226	-
National Science Foundation	Direct	47.041	2127495	NATIONAL SCIENCE FOUNDATION	117,083	-
National Science Foundation	Direct	47.041	2129228	NATIONAL SCIENCE FOUNDATION	95,675	-
National Science Foundation	Direct	47.041	2129229	NATIONAL SCIENCE FOUNDATION	49,333	-
National Science Foundation	Direct	47.041	2142846	NATIONAL SCIENCE FOUNDATION	130,824	-
National Science Foundation	Direct	47.041	2144138	NATIONAL SCIENCE FOUNDATION	26,798	-
National Science Foundation	Direct	47.041	2144468	NATIONAL SCIENCE FOUNDATION	219,145	-
National Science Foundation	Direct	47.041	2148646	NATIONAL SCIENCE FOUNDATION	27,202	-
National Science Foundation	Direct	47.041	2148646	NATIONAL SCIENCE FOUNDATION	230,664	-
National Science Foundation	Direct	47.041	2200991	NATIONAL SCIENCE FOUNDATION	167,451	-
National Science Foundation	Direct	47.041	2202688	NATIONAL SCIENCE FOUNDATION	10,982	-
National Science Foundation	Direct	47.041	2204959	NATIONAL SCIENCE FOUNDATION	4,269	-
National Science Foundation	Direct	47.041	2204959	NATIONAL SCIENCE FOUNDATION	63,735	-
National Science Foundation	Direct	47.041	2208697	NATIONAL SCIENCE FOUNDATION	330,024	-
National Science Foundation	Direct	47.041	2214872	NATIONAL SCIENCE FOUNDATION	69,068	-
National Science Foundation	Direct	47.041	2222666	NATIONAL SCIENCE FOUNDATION	43,054	-
National Science Foundation	Direct	47.041	2222635	NATIONAL SCIENCE FOUNDATION	34,167	-
National Science Foundation	Direct	47.041	2225337	NATIONAL SCIENCE FOUNDATION	142,088	-
National Science Foundation	Direct	47.041	2226500	NATIONAL SCIENCE FOUNDATION	36,419	-
National Science Foundation	Direct	47.041	2226500	NATIONAL SCIENCE FOUNDATION	398,018	228,288
National Science Foundation	Direct	47.041	2227311	NATIONAL SCIENCE FOUNDATION	48,828	-
National Science Foundation	Direct	47.041	2232658	NATIONAL SCIENCE FOUNDATION	109,353	-
National Science Foundation	Direct	47.041	2236537	NATIONAL SCIENCE FOUNDATION	51,378	-
National Science Foundation	Direct	47.041	2237142	NATIONAL SCIENCE FOUNDATION	71,400	-
National Science Foundation	Direct	47.041	2238498	NATIONAL SCIENCE FOUNDATION	49,475	-
National Science Foundation	Direct	47.041	2238686	NATIONAL SCIENCE FOUNDATION	85,336	-
National Science Foundation	Direct	47.041	2241062	NATIONAL SCIENCE FOUNDATION	135,328	-
National Science Foundation	Direct	47.041	2241487	NATIONAL SCIENCE FOUNDATION	56,092	-
National Science Foundation	Direct	47.041	2243110	NATIONAL SCIENCE FOUNDATION	98,862	-
National Science Foundation	Direct	47.041	2318057	NATIONAL SCIENCE FOUNDATION	2,924	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.041	2318057	NATIONAL SCIENCE FOUNDATION	\$ 40,812	\$ -
National Science Foundation	Direct	47.041	2318057	NATIONAL SCIENCE FOUNDATION	95,610	-
National Science Foundation	Direct	47.041	2320698	NATIONAL SCIENCE FOUNDATION	11,618	-
National Science Foundation	Direct	47.041	2320716	NATIONAL SCIENCE FOUNDATION	120	-
National Science Foundation	Direct	47.041	2320716	NATIONAL SCIENCE FOUNDATION	82,800	-
National Science Foundation	Direct	47.041	2323917	NATIONAL SCIENCE FOUNDATION	56,010	-
National Science Foundation	Direct	47.041	2324837	NATIONAL SCIENCE FOUNDATION	26,459	12,830
National Science Foundation	Direct	47.041	2326227	NATIONAL SCIENCE FOUNDATION	6,084	-
National Science Foundation	Direct	47.041	2326227	NATIONAL SCIENCE FOUNDATION	11,991	-
National Science Foundation	Direct	47.041	2326227	NATIONAL SCIENCE FOUNDATION	12,031	-
National Science Foundation	Direct	47.041	2326227	NATIONAL SCIENCE FOUNDATION	12,158	-
National Science Foundation	Direct	47.041	2326227	NATIONAL SCIENCE FOUNDATION	14,327	-
National Science Foundation	Direct	47.041	2326407	NATIONAL SCIENCE FOUNDATION	53,110	-
National Science Foundation	Direct	47.041	2326689	NATIONAL SCIENCE FOUNDATION	18,000	-
National Science Foundation	Direct	47.041	2333452	NATIONAL SCIENCE FOUNDATION	66,109	-
National Science Foundation	Direct	47.041	2334134000	NATIONAL SCIENCE FOUNDATION	44,400	-
National Science Foundation	Direct	47.041	2338755	NATIONAL SCIENCE FOUNDATION	7,534	-
National Science Foundation	Direct	47.041	2339495	NATIONAL SCIENCE FOUNDATION	5,185	-
National Science Foundation	Direct	47.041	2404872	NATIONAL SCIENCE FOUNDATION	49,456	-
National Science Foundation	Direct	47.041	2404872	NATIONAL SCIENCE FOUNDATION	82,351	-
National Science Foundation	Direct	47.041	2427215	NATIONAL SCIENCE FOUNDATION	1,188	-
National Science Foundation	Direct	47.041	2427263	NATIONAL SCIENCE FOUNDATION	31,412	-
National Science Foundation	Direct	47.041	CBET-1845006	NATIONAL SCIENCE FOUNDATION	63,830	-
National Science Foundation	Direct	47.041	ECCS-1751655	NATIONAL SCIENCE FOUNDATION	171,267	-
National Science Foundation	Direct	47.049	1066170	NATIONAL SCIENCE FOUNDATION	2	-
National Science Foundation	Direct	47.049	1554315	NATIONAL SCIENCE FOUNDATION	(3,028)	-
National Science Foundation	Direct	47.049	1559866	NATIONAL SCIENCE FOUNDATION	(101)	-
National Science Foundation	Direct	47.049	1607942	NATIONAL SCIENCE FOUNDATION	1	-
National Science Foundation	Direct	47.049	1653405	NATIONAL SCIENCE FOUNDATION	2,432	-
National Science Foundation	Direct	47.049	1653405	NATIONAL SCIENCE FOUNDATION	12,289	-
National Science Foundation	Direct	47.049	1654610	NATIONAL SCIENCE FOUNDATION	53,472	-
National Science Foundation	Direct	47.049	1751874	NATIONAL SCIENCE FOUNDATION	(2,806)	-
National Science Foundation	Direct	47.049	1761320	NATIONAL SCIENCE FOUNDATION	(1,360)	-
National Science Foundation	Direct	47.049	1761320	NATIONAL SCIENCE FOUNDATION	1,239	-
National Science Foundation	Direct	47.049	1866473	NATIONAL SCIENCE FOUNDATION	1,298	-
National Science Foundation	Direct	47.049	1807573	NATIONAL SCIENCE FOUNDATION	8,318	-
National Science Foundation	Direct	47.049	1812332	NATIONAL SCIENCE FOUNDATION	14,984	-
National Science Foundation	Direct	47.049	1845416	NATIONAL SCIENCE FOUNDATION	46,945	-
National Science Foundation	Direct	47.049	1846114	NATIONAL SCIENCE FOUNDATION	33,750	-
National Science Foundation	Direct	47.049	1855185	NATIONAL SCIENCE FOUNDATION	163	-
National Science Foundation	Direct	47.049	1856683	NATIONAL SCIENCE FOUNDATION	(78)	-
National Science Foundation	Direct	47.049	1901867	NATIONAL SCIENCE FOUNDATION	14,031	-
National Science Foundation	Direct	47.049	1907898	NATIONAL SCIENCE FOUNDATION	30,542	-
National Science Foundation	Direct	47.049	1908109	NATIONAL SCIENCE FOUNDATION	60,471	-
National Science Foundation	Direct	47.049	1912183	NATIONAL SCIENCE FOUNDATION	17,634	-
National Science Foundation	Direct	47.049	1912706	NATIONAL SCIENCE FOUNDATION	(3)	-
National Science Foundation	Direct	47.049	1913554	NATIONAL SCIENCE FOUNDATION	(4,810)	-
National Science Foundation	Direct	47.049	1915099	NATIONAL SCIENCE FOUNDATION	929	-
National Science Foundation	Direct	47.049	1923201	NATIONAL SCIENCE FOUNDATION	11,594	-
National Science Foundation	Direct	47.049	1952856	NATIONAL SCIENCE FOUNDATION	41,983	-
National Science Foundation	Direct	47.049	1953254	NATIONAL SCIENCE FOUNDATION	26,051	-
National Science Foundation	Direct	47.049	1955304	NATIONAL SCIENCE FOUNDATION	3,124	-
National Science Foundation	Direct	47.049	2000128	NATIONAL SCIENCE FOUNDATION	2,608	-
National Science Foundation	Direct	47.049	2000128 PSC	NATIONAL SCIENCE FOUNDATION	792	-
National Science Foundation	Direct	47.049	2001205	NATIONAL SCIENCE FOUNDATION	28,554	-
National Science Foundation	Direct	47.049	2003815	NATIONAL SCIENCE FOUNDATION	96,913	-
National Science Foundation	Direct	47.049	2004155	NATIONAL SCIENCE FOUNDATION	63,742	-
National Science Foundation	Direct	47.049	2006881	NATIONAL SCIENCE FOUNDATION	96,375	-
National Science Foundation	Direct	47.049	2008004	NATIONAL SCIENCE FOUNDATION	77,481	-
National Science Foundation	Direct	47.049	2011838	NATIONAL SCIENCE FOUNDATION	8,898	-
National Science Foundation	Direct	47.049	2012040	NATIONAL SCIENCE FOUNDATION	207,284	-
National Science Foundation	Direct	47.049	2012040	NATIONAL SCIENCE FOUNDATION	777,001	-
National Science Foundation	Direct	47.049	2012046	NATIONAL SCIENCE FOUNDATION	22,207	-
National Science Foundation	Direct	47.049	2012165	NATIONAL SCIENCE FOUNDATION	42,945	-
National Science Foundation	Direct	47.049	2013047	NATIONAL SCIENCE FOUNDATION	31,510	-
National Science Foundation	Direct	47.049	2013791	NATIONAL SCIENCE FOUNDATION	25,481	-
National Science Foundation	Direct	47.049	2013859	NATIONAL SCIENCE FOUNDATION	33,462	-
National Science Foundation	Direct	47.049	2017986	NATIONAL SCIENCE FOUNDATION	(45,229)	-
National Science Foundation	Direct	47.049	2045122	NATIONAL SCIENCE FOUNDATION	106,466	-
National Science Foundation	Direct	47.049	2050733	NATIONAL SCIENCE FOUNDATION	115,201	-
National Science Foundation	Direct	47.049	2052042	NATIONAL SCIENCE FOUNDATION	22,074	-
National Science Foundation	Direct	47.049	2052519	NATIONAL SCIENCE FOUNDATION	73,898	-
National Science Foundation	Direct	47.049	2052983	NATIONAL SCIENCE FOUNDATION	58,169	-
National Science Foundation	Direct	47.049	2100743	NATIONAL SCIENCE FOUNDATION	55,403	-
National Science Foundation	Direct	47.049	2100791	NATIONAL SCIENCE FOUNDATION	111,966	-
National Science Foundation	Direct	47.049	2101761	NATIONAL SCIENCE FOUNDATION	84,200	-
National Science Foundation	Direct	47.049	2104233	NATIONAL SCIENCE FOUNDATION	112,659	-
National Science Foundation	Direct	47.049	2104664	NATIONAL SCIENCE FOUNDATION	149,999	-
National Science Foundation	Direct	47.049	2106472	NATIONAL SCIENCE FOUNDATION	20,731	-
National Science Foundation	Direct	47.049	2106575	NATIONAL SCIENCE FOUNDATION	3,714	-
National Science Foundation	Direct	47.049	2106575	NATIONAL SCIENCE FOUNDATION	124,778	-
National Science Foundation	Direct	47.049	2106799	NATIONAL SCIENCE FOUNDATION	167,951	-
National Science Foundation	Direct	47.049	2107070	NATIONAL SCIENCE FOUNDATION	227,960	-
National Science Foundation	Direct	47.049	2107155	NATIONAL SCIENCE FOUNDATION	159,763	-
National Science Foundation	Direct	47.049	2108505	NATIONAL SCIENCE FOUNDATION	261,210	-
National Science Foundation	Direct	47.049	2110365	NATIONAL SCIENCE FOUNDATION	90,036	-
National Science Foundation	Direct	47.049	2110981	NATIONAL SCIENCE FOUNDATION	32,567	-
National Science Foundation	Direct	47.049	2111185	NATIONAL SCIENCE FOUNDATION	1,469,457	-
National Science Foundation	Direct	47.049	2111226	NATIONAL SCIENCE FOUNDATION	220,317	-
National Science Foundation	Direct	47.049	2111251	NATIONAL SCIENCE FOUNDATION	57,962	-
National Science Foundation	Direct	47.049	2112691	NATIONAL SCIENCE FOUNDATION	56,510	-
National Science Foundation	Direct	47.049	2113407	NATIONAL SCIENCE FOUNDATION	52,121	-
National Science Foundation	Direct	47.049	2118463	NATIONAL SCIENCE FOUNDATION	88,658	-
National Science Foundation	Direct	47.049	2135960	NATIONAL SCIENCE FOUNDATION	14,624	-
National Science Foundation	Direct	47.049	2135960	NATIONAL SCIENCE FOUNDATION	336,799	-

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Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.049	2142866	NATIONAL SCIENCE FOUNDATION	\$ 166,103	\$ -
National Science Foundation	Direct	47.049	2143739	NATIONAL SCIENCE FOUNDATION	54,414	-
National Science Foundation	Direct	47.049	2150173	NATIONAL SCIENCE FOUNDATION	40,443	-
National Science Foundation	Direct	47.049	2150173	NATIONAL SCIENCE FOUNDATION	93,991	-
National Science Foundation	Direct	47.049	2152011	NATIONAL SCIENCE FOUNDATION	170	-
National Science Foundation	Direct	47.049	2152011	NATIONAL SCIENCE FOUNDATION	35,684	-
National Science Foundation	Direct	47.049	2152011	NATIONAL SCIENCE FOUNDATION	94,841	-
National Science Foundation	Direct	47.049	2153946	NATIONAL SCIENCE FOUNDATION	108,431	-
National Science Foundation	Direct	47.049	2153946	NATIONAL SCIENCE FOUNDATION	107,623	-
National Science Foundation	Direct	47.049	2154028	NATIONAL SCIENCE FOUNDATION	120,209	-
National Science Foundation	Direct	47.049	2154233	NATIONAL SCIENCE FOUNDATION	211,773	-
National Science Foundation	Direct	47.049	2154402	NATIONAL SCIENCE FOUNDATION	15,834	-
National Science Foundation	Direct	47.049	2154408	NATIONAL SCIENCE FOUNDATION	45,671	-
National Science Foundation	Direct	47.049	2154526	NATIONAL SCIENCE FOUNDATION	87,179	-
National Science Foundation	Direct	47.049	2154923	NATIONAL SCIENCE FOUNDATION	276,961	-
National Science Foundation	Direct	47.049	2200738	NATIONAL SCIENCE FOUNDATION	48,786	-
National Science Foundation	Direct	47.049	2200800	NATIONAL SCIENCE FOUNDATION	49,067	-
National Science Foundation	Direct	47.049	2203472	NATIONAL SCIENCE FOUNDATION	146,822	-
National Science Foundation	Direct	47.049	2203577	NATIONAL SCIENCE FOUNDATION	116,485	-
National Science Foundation	Direct	47.049	2203828	NATIONAL SCIENCE FOUNDATION	41,985	-
National Science Foundation	Direct	47.049	2204722	NATIONAL SCIENCE FOUNDATION	80,377	-
National Science Foundation	Direct	47.049	2205550	NATIONAL SCIENCE FOUNDATION	25,725	-
National Science Foundation	Direct	47.049	2205553	NATIONAL SCIENCE FOUNDATION	5,715	-
National Science Foundation	Direct	47.049	2205553	NATIONAL SCIENCE FOUNDATION	46,933	-
National Science Foundation	Direct	47.049	2205631	NATIONAL SCIENCE FOUNDATION	66,481	-
National Science Foundation	Direct	47.049	2206523	NATIONAL SCIENCE FOUNDATION	71,927	-
National Science Foundation	Direct	47.049	2209145	NATIONAL SCIENCE FOUNDATION	412,390	-
National Science Foundation	Direct	47.049	2209419	NATIONAL SCIENCE FOUNDATION	180,222	-
National Science Foundation	Direct	47.049	2209424	NATIONAL SCIENCE FOUNDATION	67,211	-
National Science Foundation	Direct	47.049	2209429	NATIONAL SCIENCE FOUNDATION	24,337	-
National Science Foundation	Direct	47.049	2209429	NATIONAL SCIENCE FOUNDATION	2,443,009	-
National Science Foundation	Direct	47.049	2209717	NATIONAL SCIENCE FOUNDATION	195,734	53,222
National Science Foundation	Direct	47.049	2210228	NATIONAL SCIENCE FOUNDATION	314,051	-
National Science Foundation	Direct	47.049	2210505	NATIONAL SCIENCE FOUNDATION	53,505	-
National Science Foundation	Direct	47.049	2211573	NATIONAL SCIENCE FOUNDATION	132,446	-
National Science Foundation	Direct	47.049	2219046	NATIONAL SCIENCE FOUNDATION	32,338	-
National Science Foundation	Direct	47.049	2220373	NATIONAL SCIENCE FOUNDATION	86	-
National Science Foundation	Direct	47.049	2224295	NATIONAL SCIENCE FOUNDATION	208,865	-
National Science Foundation	Direct	47.049	2230405	NATIONAL SCIENCE FOUNDATION	1,365	-
National Science Foundation	Direct	47.049	2237581	NATIONAL SCIENCE FOUNDATION	317,112	-
National Science Foundation	Direct	47.049	2244461	NATIONAL SCIENCE FOUNDATION	13,966	-
National Science Foundation	Direct	47.049	2244461	NATIONAL SCIENCE FOUNDATION	38,767	-
National Science Foundation	Direct	47.049	2246606	NATIONAL SCIENCE FOUNDATION	43,582	-
National Science Foundation	Direct	47.049	2247047	NATIONAL SCIENCE FOUNDATION	106,141	-
National Science Foundation	Direct	47.049	2247064	NATIONAL SCIENCE FOUNDATION	103,878	-
National Science Foundation	Direct	47.049	2247261	NATIONAL SCIENCE FOUNDATION	68,586	-
National Science Foundation	Direct	47.049	2247448	NATIONAL SCIENCE FOUNDATION	1,031	-
National Science Foundation	Direct	47.049	2247448	NATIONAL SCIENCE FOUNDATION	48,969	-
National Science Foundation	Direct	47.049	2302298	NATIONAL SCIENCE FOUNDATION	26,241	-
National Science Foundation	Direct	47.049	2302548	NATIONAL SCIENCE FOUNDATION	27,641	-
National Science Foundation	Direct	47.049	2303206	NATIONAL SCIENCE FOUNDATION	205,750	-
National Science Foundation	Direct	47.049	2304033	NATIONAL SCIENCE FOUNDATION	45,141	-
National Science Foundation	Direct	47.049	2309534	NATIONAL SCIENCE FOUNDATION	51,353	-
National Science Foundation	Direct	47.049	2309847	NATIONAL SCIENCE FOUNDATION	2,313	-
National Science Foundation	Direct	47.049	2309847	NATIONAL SCIENCE FOUNDATION	38,760	-
National Science Foundation	Direct	47.049	2309923	NATIONAL SCIENCE FOUNDATION	68,442	-
National Science Foundation	Direct	47.049	2309936	NATIONAL SCIENCE FOUNDATION	5,000	-
National Science Foundation	Direct	47.049	2309946	NATIONAL SCIENCE FOUNDATION	102,833	-
National Science Foundation	Direct	47.049	2309950	NATIONAL SCIENCE FOUNDATION	872,585	-
National Science Foundation	Direct	47.049	2310020	NATIONAL SCIENCE FOUNDATION	222,174	-
National Science Foundation	Direct	47.049	2310078000	NATIONAL SCIENCE FOUNDATION	155,841	-
National Science Foundation	Direct	47.049	2310078000	NATIONAL SCIENCE FOUNDATION	1,212,712	-
National Science Foundation	Direct	47.049	2310291	NATIONAL SCIENCE FOUNDATION	50,998	-
National Science Foundation	Direct	47.049	2310497	NATIONAL SCIENCE FOUNDATION	51,666	-
National Science Foundation	Direct	47.049	2310620	NATIONAL SCIENCE FOUNDATION	85,250	-
National Science Foundation	Direct	47.049	2311697	NATIONAL SCIENCE FOUNDATION	6,543	-
National Science Foundation	Direct	47.049	2311697	NATIONAL SCIENCE FOUNDATION	81,513	-
National Science Foundation	Direct	47.049	2321493	NATIONAL SCIENCE FOUNDATION	39,431	-
National Science Foundation	Direct	47.049	2337830	NATIONAL SCIENCE FOUNDATION	27,002	-
National Science Foundation	Direct	47.049	2338018	NATIONAL SCIENCE FOUNDATION	25,168	-
National Science Foundation	Direct	47.049	2339595	NATIONAL SCIENCE FOUNDATION	63,547	-
National Science Foundation	Direct	47.049	2348932	NATIONAL SCIENCE FOUNDATION	48	-
National Science Foundation	Direct	47.049	2348932	NATIONAL SCIENCE FOUNDATION	50,095	-
National Science Foundation	Direct	47.049	2401258	NATIONAL SCIENCE FOUNDATION	13,215	-
National Science Foundation	Direct	47.049	CHE-1900086	NATIONAL SCIENCE FOUNDATION	(1,087)	-
National Science Foundation	Direct	47.049	DMS-1924724	NATIONAL SCIENCE FOUNDATION	(16,342)	-
National Science Foundation	Direct	47.049	DMS-1924724	NATIONAL SCIENCE FOUNDATION	(200)	-
National Science Foundation	Direct	47.049	PHY-1430152	NATIONAL SCIENCE FOUNDATION	(31,644)	11,200
National Science Foundation	Direct	47.049	PHY-1430152	NATIONAL SCIENCE FOUNDATION	(17,262)	-
National Science Foundation	Direct	47.050	1443165	NATIONAL SCIENCE FOUNDATION	97	-
National Science Foundation	Direct	47.050	1620509	NATIONAL SCIENCE FOUNDATION	6,941	-
National Science Foundation	Direct	47.050	1751664	NATIONAL SCIENCE FOUNDATION	128,368	-
National Science Foundation	Direct	47.050	1752729	NATIONAL SCIENCE FOUNDATION	85,654	-
National Science Foundation	Direct	47.050	1802247	NATIONAL SCIENCE FOUNDATION	(37)	-
National Science Foundation	Direct	47.050	1846855	NATIONAL SCIENCE FOUNDATION	57,139	-
National Science Foundation	Direct	47.050	1850606	NATIONAL SCIENCE FOUNDATION	150,514	-
National Science Foundation	Direct	47.050	1916567	NATIONAL SCIENCE FOUNDATION	133,663	12,467
National Science Foundation	Direct	47.050	1923218	NATIONAL SCIENCE FOUNDATION	51,409	-
National Science Foundation	Direct	47.050	1923218	NATIONAL SCIENCE FOUNDATION	69,434	-
National Science Foundation	Direct	47.050	1928946	NATIONAL SCIENCE FOUNDATION	75,466	-
National Science Foundation	Direct	47.050	1939979	NATIONAL SCIENCE FOUNDATION	42,116	-
National Science Foundation	Direct	47.050	1942431	NATIONAL SCIENCE FOUNDATION	131,905	-
National Science Foundation	Direct	47.050	1950101	NATIONAL SCIENCE FOUNDATION	48,071	56
National Science Foundation	Direct	47.050	2023059	NATIONAL SCIENCE FOUNDATION	6,110	-
National Science Foundation	Direct	47.050	2023059	NATIONAL SCIENCE FOUNDATION	22,408	-

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.050	2033891	NATIONAL SCIENCE FOUNDATION	\$ 165,242	\$ -
National Science Foundation	Direct	47.050	2039961	NATIONAL SCIENCE FOUNDATION	35,088	-
National Science Foundation	Direct	47.050	2042553	NATIONAL SCIENCE FOUNDATION	100,109	-
National Science Foundation	Direct	47.050	2052558	NATIONAL SCIENCE FOUNDATION	122,754	-
National Science Foundation	Direct	47.050	2103030	NATIONAL SCIENCE FOUNDATION	89,414	-
National Science Foundation	Direct	47.050	2126568	NATIONAL SCIENCE FOUNDATION	89,734	-
National Science Foundation	Direct	47.050	2127220	NATIONAL SCIENCE FOUNDATION	69,651	8,991
National Science Foundation	Direct	47.050	2127643	NATIONAL SCIENCE FOUNDATION	81,116	-
National Science Foundation	Direct	47.050	2127643	NATIONAL SCIENCE FOUNDATION	111,776	-
National Science Foundation	Direct	47.050	2147905	NATIONAL SCIENCE FOUNDATION	119,379	-
National Science Foundation	Direct	47.050	2152253	NATIONAL SCIENCE FOUNDATION	74,568	-
National Science Foundation	Direct	47.050	2218028	NATIONAL SCIENCE FOUNDATION	162,691	-
National Science Foundation	Direct	47.050	2220236	NATIONAL SCIENCE FOUNDATION	439,857	-
National Science Foundation	Direct	47.050	2220518	NATIONAL SCIENCE FOUNDATION	72,801	-
National Science Foundation	Direct	47.050	2242904	NATIONAL SCIENCE FOUNDATION	39,694	-
National Science Foundation	Direct	47.050	2305552	NATIONAL SCIENCE FOUNDATION	1,049	-
National Science Foundation	Direct	47.050	2307313	NATIONAL SCIENCE FOUNDATION	1,765	-
National Science Foundation	Direct	47.050	2307313	NATIONAL SCIENCE FOUNDATION	74,398	5,887
National Science Foundation	Direct	47.050	2310829	NATIONAL SCIENCE FOUNDATION	16,575	-
National Science Foundation	Direct	47.050	2318211	NATIONAL SCIENCE FOUNDATION	49,691	-
National Science Foundation	Direct	47.050	2336131	NATIONAL SCIENCE FOUNDATION	25,551	-
National Science Foundation	Direct	47.050	2341100	NATIONAL SCIENCE FOUNDATION	15,295	-
National Science Foundation	Direct	47.050	OCE 1829406	NATIONAL SCIENCE FOUNDATION	(37,995)	-
National Science Foundation	Direct	47.070	1730137	NATIONAL SCIENCE FOUNDATION	13,574	-
National Science Foundation	Direct	47.070	1738677	NATIONAL SCIENCE FOUNDATION	91,387	5,083
National Science Foundation	Direct	47.070	1749018	NATIONAL SCIENCE FOUNDATION	63,322	-
National Science Foundation	Direct	47.070	1749940	NATIONAL SCIENCE FOUNDATION	233,893	-
National Science Foundation	Direct	47.070	1814551	NATIONAL SCIENCE FOUNDATION	40,831	-
National Science Foundation	Direct	47.070	1819636	NATIONAL SCIENCE FOUNDATION	(502)	-
National Science Foundation	Direct	47.070	1835267	NATIONAL SCIENCE FOUNDATION	(2,230)	-
National Science Foundation	Direct	47.070	1835426	NATIONAL SCIENCE FOUNDATION	46,962	-
National Science Foundation	Direct	47.070	1841517	NATIONAL SCIENCE FOUNDATION	(1,980)	-
National Science Foundation	Direct	47.070	1841517	NATIONAL SCIENCE FOUNDATION	86,490	-
National Science Foundation	Direct	47.070	1845081	NATIONAL SCIENCE FOUNDATION	152,708	-
National Science Foundation	Direct	47.070	1845208	NATIONAL SCIENCE FOUNDATION	158,822	-
National Science Foundation	Direct	47.070	1854985	NATIONAL SCIENCE FOUNDATION	89,380	-
National Science Foundation	Direct	47.070	1854985	NATIONAL SCIENCE FOUNDATION	103,316	-
National Science Foundation	Direct	47.070	1907591	NATIONAL SCIENCE FOUNDATION	47,145	-
National Science Foundation	Direct	47.070	1907807	NATIONAL SCIENCE FOUNDATION	6,320	-
National Science Foundation	Direct	47.070	1919154	NATIONAL SCIENCE FOUNDATION	77,924	-
National Science Foundation	Direct	47.070	1928278	NATIONAL SCIENCE FOUNDATION	79,460	-
National Science Foundation	Direct	47.070	1936440	NATIONAL SCIENCE FOUNDATION	600	-
National Science Foundation	Direct	47.070	1939368	NATIONAL SCIENCE FOUNDATION	450	-
National Science Foundation	Direct	47.070	1939368	NATIONAL SCIENCE FOUNDATION	102,408	-
National Science Foundation	Direct	47.070	1949912	NATIONAL SCIENCE FOUNDATION	4,671	(63)
National Science Foundation	Direct	47.070	1949912	NATIONAL SCIENCE FOUNDATION	102,091	-
National Science Foundation	Direct	47.070	1950171	NATIONAL SCIENCE FOUNDATION	5,360	-
National Science Foundation	Direct	47.070	1950171	NATIONAL SCIENCE FOUNDATION	34,453	-
National Science Foundation	Direct	47.070	2006633	NATIONAL SCIENCE FOUNDATION	158,716	-
National Science Foundation	Direct	47.070	2006800	NATIONAL SCIENCE FOUNDATION	4,889	-
National Science Foundation	Direct	47.070	2006800	NATIONAL SCIENCE FOUNDATION	136,012	-
National Science Foundation	Direct	47.070	2007159	NATIONAL SCIENCE FOUNDATION	2,615	-
National Science Foundation	Direct	47.070	2007159	NATIONAL SCIENCE FOUNDATION	173,756	-
National Science Foundation	Direct	47.070	2007181	NATIONAL SCIENCE FOUNDATION	1,020	-
National Science Foundation	Direct	47.070	2007181	NATIONAL SCIENCE FOUNDATION	183,011	-
National Science Foundation	Direct	47.070	2028626	NATIONAL SCIENCE FOUNDATION	86,433	-
National Science Foundation	Direct	47.070	2031219	NATIONAL SCIENCE FOUNDATION	(2,969)	-
National Science Foundation	Direct	47.070	2100112	NATIONAL SCIENCE FOUNDATION	68,295	-
National Science Foundation	Direct	47.070	2102196	NATIONAL SCIENCE FOUNDATION	109,344	-
National Science Foundation	Direct	47.070	2106576	NATIONAL SCIENCE FOUNDATION	3,201	-
National Science Foundation	Direct	47.070	2106578	NATIONAL SCIENCE FOUNDATION	111,974	-
National Science Foundation	Direct	47.070	2117519	NATIONAL SCIENCE FOUNDATION	16,987	-
National Science Foundation	Direct	47.070	2118356	NATIONAL SCIENCE FOUNDATION	32,600	-
National Science Foundation	Direct	47.070	2122314	NATIONAL SCIENCE FOUNDATION	62,824	-
National Science Foundation	Direct	47.070	2123260	NATIONAL SCIENCE FOUNDATION	164,566	-
National Science Foundation	Direct	47.070	2123260	NATIONAL SCIENCE FOUNDATION	286,074	-
National Science Foundation	Direct	47.070	2134076	NATIONAL SCIENCE FOUNDATION	51,101	-
National Science Foundation	Direct	47.070	2142713	NATIONAL SCIENCE FOUNDATION	66,406	-
National Science Foundation	Direct	47.070	2147116	NATIONAL SCIENCE FOUNDATION	214,512	-
National Science Foundation	Direct	47.070	2200792	NATIONAL SCIENCE FOUNDATION	(13,267)	-
National Science Foundation	Direct	47.070	2207052	NATIONAL SCIENCE FOUNDATION	29,905	-
National Science Foundation	Direct	47.070	2207834	NATIONAL SCIENCE FOUNDATION	117,431	-
National Science Foundation	Direct	47.070	2211645	NATIONAL SCIENCE FOUNDATION	131,124	-
National Science Foundation	Direct	47.070	2212032	NATIONAL SCIENCE FOUNDATION	307,954	-
National Science Foundation	Direct	47.070	2212065	NATIONAL SCIENCE FOUNDATION	30,354	-
National Science Foundation	Direct	47.070	2212065	NATIONAL SCIENCE FOUNDATION	257,036	-
National Science Foundation	Direct	47.070	2212144	NATIONAL SCIENCE FOUNDATION	74,767	-
National Science Foundation	Direct	47.070	2213055	NATIONAL SCIENCE FOUNDATION	38,862	-
National Science Foundation	Direct	47.070	2219488	NATIONAL SCIENCE FOUNDATION	112,722	-
National Science Foundation	Direct	47.070	2226888	NATIONAL SCIENCE FOUNDATION	62,947	-
National Science Foundation	Direct	47.070	2235231000	NATIONAL SCIENCE FOUNDATION	61,248	-
National Science Foundation	Direct	47.070	2237577	NATIONAL SCIENCE FOUNDATION	107,985	-
National Science Foundation	Direct	47.070	2245114	NATIONAL SCIENCE FOUNDATION	43,740	-
National Science Foundation	Direct	47.070	2246050	NATIONAL SCIENCE FOUNDATION	219,396	-
National Science Foundation	Direct	47.070	2306499	NATIONAL SCIENCE FOUNDATION	44,344	-
National Science Foundation	Direct	47.070	2306708	NATIONAL SCIENCE FOUNDATION	94,829	-
National Science Foundation	Direct	47.070	2310207	NATIONAL SCIENCE FOUNDATION	77,302	-
National Science Foundation	Direct	47.070	2311323	NATIONAL SCIENCE FOUNDATION	99,646	-
National Science Foundation	Direct	47.070	2311468000	NATIONAL SCIENCE FOUNDATION	76,834	-
National Science Foundation	Direct	47.070	2312448	NATIONAL SCIENCE FOUNDATION	15,152	-
National Science Foundation	Direct	47.070	2312546	NATIONAL SCIENCE FOUNDATION	68,578	-
National Science Foundation	Direct	47.070	2312674	NATIONAL SCIENCE FOUNDATION	154,782	-
National Science Foundation	Direct	47.070	2316758	NATIONAL SCIENCE FOUNDATION	1,048	-
National Science Foundation	Direct	47.070	2316758	NATIONAL SCIENCE FOUNDATION	16,793	-
National Science Foundation	Direct	47.070	2320050	NATIONAL SCIENCE FOUNDATION	73,768	-

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.070	2321416	NATIONAL SCIENCE FOUNDATION	\$ 72,112	\$ -
National Science Foundation	Direct	47.070	2338976	NATIONAL SCIENCE FOUNDATION	14,861	-
National Science Foundation	Direct	47.070	2349002	NATIONAL SCIENCE FOUNDATION	18,303	-
National Science Foundation	Direct	47.070	2349002	NATIONAL SCIENCE FOUNDATION	59,827	-
National Science Foundation	Direct	47.070	IS-1900473	NATIONAL SCIENCE FOUNDATION	830,285	-
National Science Foundation	Direct	47.070	OAC-1935144	NATIONAL SCIENCE FOUNDATION	20,957	-
National Science Foundation	Direct	47.074	1638679	NATIONAL SCIENCE FOUNDATION	5,909	-
National Science Foundation	Direct	47.074	1638679	NATIONAL SCIENCE FOUNDATION	237,973	-
National Science Foundation	Direct	47.074	1714093	NATIONAL SCIENCE FOUNDATION	26,165	-
National Science Foundation	Direct	47.074	1714561	NATIONAL SCIENCE FOUNDATION	(346)	-
National Science Foundation	Direct	47.074	1733633	NATIONAL SCIENCE FOUNDATION	3,545	21,391
National Science Foundation	Direct	47.074	1733633	NATIONAL SCIENCE FOUNDATION	19,070	-
National Science Foundation	Direct	47.074	1737898	NATIONAL SCIENCE FOUNDATION	192	-
National Science Foundation	Direct	47.074	1737898	NATIONAL SCIENCE FOUNDATION	32,095	-
National Science Foundation	Direct	47.074	1737898 REU	NATIONAL SCIENCE FOUNDATION	5,655	-
National Science Foundation	Direct	47.074	1740874	NATIONAL SCIENCE FOUNDATION	1,143	-
National Science Foundation	Direct	47.074	1740874	NATIONAL SCIENCE FOUNDATION	43,006	-
National Science Foundation	Direct	47.074	1740874	NATIONAL SCIENCE FOUNDATION	79,102	-
National Science Foundation	Direct	47.074	1749544	NATIONAL SCIENCE FOUNDATION	147,065	-
National Science Foundation	Direct	47.074	1754250	NATIONAL SCIENCE FOUNDATION	(27,731)	-
National Science Foundation	Direct	47.074	1754250	NATIONAL SCIENCE FOUNDATION	4,517	-
National Science Foundation	Direct	47.074	1754357	NATIONAL SCIENCE FOUNDATION	58,436	-
National Science Foundation	Direct	47.074	1754484	NATIONAL SCIENCE FOUNDATION	369	-
National Science Foundation	Direct	47.074	1755089	NATIONAL SCIENCE FOUNDATION	77,031	-
National Science Foundation	Direct	47.074	1759729	NATIONAL SCIENCE FOUNDATION	503	-
National Science Foundation	Direct	47.074	1817324	NATIONAL SCIENCE FOUNDATION	43,756	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	(2,502)	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	(883)	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	(384)	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	498	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	2,396	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	2,715	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	11,413	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	36,109	-
National Science Foundation	Direct	47.074	1832042	NATIONAL SCIENCE FOUNDATION	44,570	-
National Science Foundation	Direct	47.074	1832042-Outreach	NATIONAL SCIENCE FOUNDATION	(3,542)	-
National Science Foundation	Direct	47.074	1832042 sLTER	NATIONAL SCIENCE FOUNDATION	5,514	-
National Science Foundation	Direct	47.074	1845463	NATIONAL SCIENCE FOUNDATION	2,099	-
National Science Foundation	Direct	47.074	1845463	NATIONAL SCIENCE FOUNDATION	281,101	-
National Science Foundation	Direct	47.074	1855927	NATIONAL SCIENCE FOUNDATION	6,073	6,724
National Science Foundation	Direct	47.074	1856243	NATIONAL SCIENCE FOUNDATION	16,436	-
National Science Foundation	Direct	47.074	1856243	NATIONAL SCIENCE FOUNDATION	152,742	-
National Science Foundation	Direct	47.074	1901958	NATIONAL SCIENCE FOUNDATION	443	-
National Science Foundation	Direct	47.074	1911457	NATIONAL SCIENCE FOUNDATION	346,444	111,147
National Science Foundation	Direct	47.074	1913501	NATIONAL SCIENCE FOUNDATION	14,200	-
National Science Foundation	Direct	47.074	1913501	NATIONAL SCIENCE FOUNDATION	23,965	-
National Science Foundation	Direct	47.074	1919439	NATIONAL SCIENCE FOUNDATION	(39,359)	-
National Science Foundation	Direct	47.074	1919439	NATIONAL SCIENCE FOUNDATION	(238)	-
National Science Foundation	Direct	47.074	1924111	NATIONAL SCIENCE FOUNDATION	290,573	33,470
National Science Foundation	Direct	47.074	1926567	NATIONAL SCIENCE FOUNDATION	77,113	-
National Science Foundation	Direct	47.074	1935047	NATIONAL SCIENCE FOUNDATION	40,033	-
National Science Foundation	Direct	47.074	1935089	NATIONAL SCIENCE FOUNDATION	76,962	-
National Science Foundation	Direct	47.074	1942143	NATIONAL SCIENCE FOUNDATION	129,225	-
National Science Foundation	Direct	47.074	1946007	NATIONAL SCIENCE FOUNDATION	18,989	18,989
National Science Foundation	Direct	47.074	1946445	NATIONAL SCIENCE FOUNDATION	123,703	26,704
National Science Foundation	Direct	47.074	1949911	NATIONAL SCIENCE FOUNDATION	(282)	-
National Science Foundation	Direct	47.074	1950080	NATIONAL SCIENCE FOUNDATION	102,829	61,356
National Science Foundation	Direct	47.074	1950376	NATIONAL SCIENCE FOUNDATION	(2,297)	-
National Science Foundation	Direct	47.074	1950376	NATIONAL SCIENCE FOUNDATION	1,706	-
National Science Foundation	Direct	47.074	1950376	NATIONAL SCIENCE FOUNDATION	77,166	-
National Science Foundation	Direct	47.074	1950376	NATIONAL SCIENCE FOUNDATION	303,892	8,283
National Science Foundation	Direct	47.074	1951025	NATIONAL SCIENCE FOUNDATION	304,573	-
National Science Foundation	Direct	47.074	1951307	NATIONAL SCIENCE FOUNDATION	113,883	105,921
National Science Foundation	Direct	47.074	1953014	NATIONAL SCIENCE FOUNDATION	49,598	-
National Science Foundation	Direct	47.074	1953014	NATIONAL SCIENCE FOUNDATION	231,626	52,153
National Science Foundation	Direct	47.074	1954406	NATIONAL SCIENCE FOUNDATION	255,784	24,819
National Science Foundation	Direct	47.074	2015843	NATIONAL SCIENCE FOUNDATION	6,535	-
National Science Foundation	Direct	47.074	2015843	NATIONAL SCIENCE FOUNDATION	198,596	-
National Science Foundation	Direct	47.074	2016347	NATIONAL SCIENCE FOUNDATION	90,061	-
National Science Foundation	Direct	47.074	2016437	NATIONAL SCIENCE FOUNDATION	95,170	-
National Science Foundation	Direct	47.074	2016569	NATIONAL SCIENCE FOUNDATION	271,219	53,373
National Science Foundation	Direct	47.074	2018296	NATIONAL SCIENCE FOUNDATION	245,996	-
National Science Foundation	Direct	47.074	2022495	NATIONAL SCIENCE FOUNDATION	148,978	-
National Science Foundation	Direct	47.074	2029216	NATIONAL SCIENCE FOUNDATION	313,859	47,686
National Science Foundation	Direct	47.074	2029320	NATIONAL SCIENCE FOUNDATION	162,928	-
National Science Foundation	Direct	47.074	2029959	NATIONAL SCIENCE FOUNDATION	658,148	-
National Science Foundation	Direct	47.074	2030337	NATIONAL SCIENCE FOUNDATION	242,657	-
National Science Foundation	Direct	47.074	2034631	NATIONAL SCIENCE FOUNDATION	170,046	-
National Science Foundation	Direct	47.074	2035472	NATIONAL SCIENCE FOUNDATION	523,133	218,567
National Science Foundation	Direct	47.074	2042908	NATIONAL SCIENCE FOUNDATION	108,158	-
National Science Foundation	Direct	47.074	2044818	NATIONAL SCIENCE FOUNDATION	15,285	-
National Science Foundation	Direct	47.074	2044818	NATIONAL SCIENCE FOUNDATION	229,179	-
National Science Foundation	Direct	47.074	2051885	NATIONAL SCIENCE FOUNDATION	337,579	-
National Science Foundation	Direct	47.074	2054773	NATIONAL SCIENCE FOUNDATION	902	-
National Science Foundation	Direct	47.074	2054773	NATIONAL SCIENCE FOUNDATION	249,186	-
National Science Foundation	Direct	47.074	2107215	NATIONAL SCIENCE FOUNDATION	76,146	-
National Science Foundation	Direct	47.074	2107215	NATIONAL SCIENCE FOUNDATION	81,858	-
National Science Foundation	Direct	47.074	2107215	NATIONAL SCIENCE FOUNDATION	265,912	-
National Science Foundation	Direct	47.074	2124800	NATIONAL SCIENCE FOUNDATION	102,952	-
National Science Foundation	Direct	47.074	2125104	NATIONAL SCIENCE FOUNDATION	246,517	-
National Science Foundation	Direct	47.074	2127743	NATIONAL SCIENCE FOUNDATION	476,412	-
National Science Foundation	Direct	47.074	2133544	NATIONAL SCIENCE FOUNDATION	39,708	16,358
National Science Foundation	Direct	47.074	2143267	NATIONAL SCIENCE FOUNDATION	24,227	-
National Science Foundation	Direct	47.074	2143267	NATIONAL SCIENCE FOUNDATION	156,215	-
National Science Foundation	Direct	47.074	2144121	NATIONAL SCIENCE FOUNDATION	97,623	-

Schedule of Expenditures of Federal Awards
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Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.074	2148206	NATIONAL SCIENCE FOUNDATION	\$ 7,388	\$ -
National Science Foundation	Direct	47.074	2148206	NATIONAL SCIENCE FOUNDATION	66,097	-
National Science Foundation	Direct	47.074	2149531	NATIONAL SCIENCE FOUNDATION	18,040	-
National Science Foundation	Direct	47.074	2149531	NATIONAL SCIENCE FOUNDATION	124,777	-
National Science Foundation	Direct	47.074	2150104	NATIONAL SCIENCE FOUNDATION	1,781	-
National Science Foundation	Direct	47.074	2150104	NATIONAL SCIENCE FOUNDATION	104,810	-
National Science Foundation	Direct	47.074	2153100	NATIONAL SCIENCE FOUNDATION	233,496	-
National Science Foundation	Direct	47.074	2203474	NATIONAL SCIENCE FOUNDATION	10,759	-
National Science Foundation	Direct	47.074	2203474	NATIONAL SCIENCE FOUNDATION	293,054	-
National Science Foundation	Direct	47.074	2203582	NATIONAL SCIENCE FOUNDATION	7,617	-
National Science Foundation	Direct	47.074	2210431	NATIONAL SCIENCE FOUNDATION	66,599	-
National Science Foundation	Direct	47.074	2211993	NATIONAL SCIENCE FOUNDATION	108,965	-
National Science Foundation	Direct	47.074	2212082	NATIONAL SCIENCE FOUNDATION	24,898	-
National Science Foundation	Direct	47.074	2213565	NATIONAL SCIENCE FOUNDATION	90,251	-
National Science Foundation	Direct	47.074	2218206	NATIONAL SCIENCE FOUNDATION	4,363	-
National Science Foundation	Direct	47.074	2218206	NATIONAL SCIENCE FOUNDATION	6,169	-
National Science Foundation	Direct	47.074	2218206	NATIONAL SCIENCE FOUNDATION	299,367	-
National Science Foundation	Direct	47.074	2218818	NATIONAL SCIENCE FOUNDATION	95,380	-
National Science Foundation	Direct	47.074	2220929	NATIONAL SCIENCE FOUNDATION	17,149	-
National Science Foundation	Direct	47.074	2221744	NATIONAL SCIENCE FOUNDATION	39,559	-
National Science Foundation	Direct	47.074	2223962	NATIONAL SCIENCE FOUNDATION	43,400	-
National Science Foundation	Direct	47.074	2223962	NATIONAL SCIENCE FOUNDATION	337,544	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	14,988	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	17,681	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	21,476	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	22,467	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	31,541	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	44,487	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	51,067	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	51,429	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	92,369	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	96,131	-
National Science Foundation	Direct	47.074	2224712	NATIONAL SCIENCE FOUNDATION	639,432	-
National Science Foundation	Direct	47.074	2226136	NATIONAL SCIENCE FOUNDATION	278,063	11,619
National Science Foundation	Direct	47.074	2227060	NATIONAL SCIENCE FOUNDATION	267,428	13,433
National Science Foundation	Direct	47.074	2237117	NATIONAL SCIENCE FOUNDATION	130,459	-
National Science Foundation	Direct	47.074	2243230	NATIONAL SCIENCE FOUNDATION	291,884	14,434
National Science Foundation	Direct	47.074	2307516	NATIONAL SCIENCE FOUNDATION	242,907	60,983
National Science Foundation	Direct	47.074	2308660	NATIONAL SCIENCE FOUNDATION	229,487	-
National Science Foundation	Direct	47.074	2310355	NATIONAL SCIENCE FOUNDATION	142,543	-
National Science Foundation	Direct	47.074	2312181	NATIONAL SCIENCE FOUNDATION	416,803	66,330
National Science Foundation	Direct	47.074	2316708	NATIONAL SCIENCE FOUNDATION	67,593	-
National Science Foundation	Direct	47.074	2321398	NATIONAL SCIENCE FOUNDATION	136	-
National Science Foundation	Direct	47.074	2323185	NATIONAL SCIENCE FOUNDATION	42,197	-
National Science Foundation	Direct	47.074	2324899	NATIONAL SCIENCE FOUNDATION	19,720	-
National Science Foundation	Direct	47.074	2334059	NATIONAL SCIENCE FOUNDATION	16,667	-
National Science Foundation	Direct	47.074	2336906	NATIONAL SCIENCE FOUNDATION	9,902	-
National Science Foundation	Direct	47.074	2338327	NATIONAL SCIENCE FOUNDATION	45,948	-
National Science Foundation	Direct	47.074	2419923	NATIONAL SCIENCE FOUNDATION	43,865	-
National Science Foundation	Direct	47.074	2419923	NATIONAL SCIENCE FOUNDATION	370,123	159,675
National Science Foundation	Direct	47.074	2420360	NATIONAL SCIENCE FOUNDATION	30	-
National Science Foundation	Direct	47.074	2420360	NATIONAL SCIENCE FOUNDATION	5,520	-
National Science Foundation	Direct	47.074	2427055	NATIONAL SCIENCE FOUNDATION	4,000	-
National Science Foundation	Direct	47.074	2427055	NATIONAL SCIENCE FOUNDATION	8,906	-
National Science Foundation	Direct	47.074	2428783	NATIONAL SCIENCE FOUNDATION	5,375	-
National Science Foundation	Direct	47.074	DBI-1846913	NATIONAL SCIENCE FOUNDATION	157,095	-
National Science Foundation	Direct	47.074	DEB-1552197	NATIONAL SCIENCE FOUNDATION	25,575	-
National Science Foundation	Direct	47.074	DEB-1904267	NATIONAL SCIENCE FOUNDATION	190,250	-
National Science Foundation	Direct	47.074	DEB-1937699	NATIONAL SCIENCE FOUNDATION	668	-
National Science Foundation	Direct	47.074	DEB-1937699	NATIONAL SCIENCE FOUNDATION	4,338	-
National Science Foundation	Direct	47.074	I0S-1929982	NATIONAL SCIENCE FOUNDATION	(296)	-
National Science Foundation	Direct	47.074	I0S-1929982	NATIONAL SCIENCE FOUNDATION	296	-
National Science Foundation	Direct	47.075	1654929	NATIONAL SCIENCE FOUNDATION	8,473	-
National Science Foundation	Direct	47.075	1734063	NATIONAL SCIENCE FOUNDATION	2,922	-
National Science Foundation	Direct	47.075	1759528	NATIONAL SCIENCE FOUNDATION	13,755	-
National Science Foundation	Direct	47.075	1759528	NATIONAL SCIENCE FOUNDATION	17,835	-
National Science Foundation	Direct	47.075	1823889	NATIONAL SCIENCE FOUNDATION	(141)	-
National Science Foundation	Direct	47.075	1823889	NATIONAL SCIENCE FOUNDATION	8,937	8,193
National Science Foundation	Direct	47.075	1826911	NATIONAL SCIENCE FOUNDATION	7,470	-
National Science Foundation	Direct	47.075	1920557-SES	NATIONAL SCIENCE FOUNDATION	26,207	-
National Science Foundation	Direct	47.075	1946678	NATIONAL SCIENCE FOUNDATION	(2,532)	-
National Science Foundation	Direct	47.075	2016320	NATIONAL SCIENCE FOUNDATION	696	-
National Science Foundation	Direct	47.075	2017180	NATIONAL SCIENCE FOUNDATION	11,306	-
National Science Foundation	Direct	47.075	2018267	NATIONAL SCIENCE FOUNDATION	51,176	-
National Science Foundation	Direct	47.075	2019995	NATIONAL SCIENCE FOUNDATION	80,687	-
National Science Foundation	Direct	47.075	2020825	NATIONAL SCIENCE FOUNDATION	(2,365)	-
National Science Foundation	Direct	47.075	2024238	NATIONAL SCIENCE FOUNDATION	118,218	-
National Science Foundation	Direct	47.075	2039814	NATIONAL SCIENCE FOUNDATION	77,467	-
National Science Foundation	Direct	47.075	2040257	NATIONAL SCIENCE FOUNDATION	99,339	-
National Science Foundation	Direct	47.075	2041242	NATIONAL SCIENCE FOUNDATION	2,168	-
National Science Foundation	Direct	47.075	2048562	NATIONAL SCIENCE FOUNDATION	123,270	10,144
National Science Foundation	Direct	47.075	2119975	NATIONAL SCIENCE FOUNDATION	21,726	-
National Science Foundation	Direct	47.075	2119975	NATIONAL SCIENCE FOUNDATION	75,789	-
National Science Foundation	Direct	47.075	2120500	NATIONAL SCIENCE FOUNDATION	85,205	52,916
National Science Foundation	Direct	47.075	2120530	NATIONAL SCIENCE FOUNDATION	3,559	-
National Science Foundation	Direct	47.075	COVID-19 - 2120530	NATIONAL SCIENCE FOUNDATION	78,646	-
National Science Foundation	Direct	47.075	2121214	NATIONAL SCIENCE FOUNDATION	27,262	-
National Science Foundation	Direct	47.075	2124739	NATIONAL SCIENCE FOUNDATION	(1)	-
National Science Foundation	Direct	47.075	2128803	NATIONAL SCIENCE FOUNDATION	395,567	-
National Science Foundation	Direct	47.075	2140704	NATIONAL SCIENCE FOUNDATION	4,883	-
National Science Foundation	Direct	47.075	2154547	NATIONAL SCIENCE FOUNDATION	26,837	-
National Science Foundation	Direct	47.075	2211744	NATIONAL SCIENCE FOUNDATION	62,732	-
National Science Foundation	Direct	47.075	2213960	NATIONAL SCIENCE FOUNDATION	37,826	-
National Science Foundation	Direct	47.075	2218341	NATIONAL SCIENCE FOUNDATION	76,383	-
National Science Foundation	Direct	47.075	2228259	NATIONAL SCIENCE FOUNDATION	69,998	4,244

Schedule of Expenditures of Federal Awards
Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.075	2237007	NATIONAL SCIENCE FOUNDATION	\$ 31,396	\$ -
National Science Foundation	Direct	47.075	2240194	NATIONAL SCIENCE FOUNDATION	27,641	-
National Science Foundation	Direct	47.075	2240749	NATIONAL SCIENCE FOUNDATION	55,195	-
National Science Foundation	Direct	47.075	2302466	NATIONAL SCIENCE FOUNDATION	6,919	-
National Science Foundation	Direct	47.075	2308576	NATIONAL SCIENCE FOUNDATION	15,137	-
National Science Foundation	Direct	47.075	2318442	NATIONAL SCIENCE FOUNDATION	145,673	-
National Science Foundation	Direct	47.075	2320876	NATIONAL SCIENCE FOUNDATION	63,838	-
National Science Foundation	Direct	47.075	2323240	NATIONAL SCIENCE FOUNDATION	39,200	-
National Science Foundation	Direct	47.075	BCS-1656133	NATIONAL SCIENCE FOUNDATION	1,617	-
National Science Foundation	Direct	47.075	BCS-1848972	NATIONAL SCIENCE FOUNDATION	34,348	-
National Science Foundation	Direct	47.075	SES-1851928	NATIONAL SCIENCE FOUNDATION	51,639	51,639
National Science Foundation	Direct	47.075	SES-1920409	NATIONAL SCIENCE FOUNDATION	14,667	-
National Science Foundation	Direct	47.076	1620580	NATIONAL SCIENCE FOUNDATION	31,255	-
National Science Foundation	Direct	47.076	1643723	NATIONAL SCIENCE FOUNDATION	6,077	-
National Science Foundation	Direct	47.076	1643723	NATIONAL SCIENCE FOUNDATION	31,413	-
National Science Foundation	Direct	47.076	1643833	NATIONAL SCIENCE FOUNDATION	47,231	-
National Science Foundation	Direct	47.076	1646869	NATIONAL SCIENCE FOUNDATION	(1,145)	-
National Science Foundation	Direct	47.076	1646869	NATIONAL SCIENCE FOUNDATION	11,084	-
National Science Foundation	Direct	47.076	1725320	NATIONAL SCIENCE FOUNDATION	29,150	-
National Science Foundation	Direct	47.076	1725520	NATIONAL SCIENCE FOUNDATION	198,230	-
National Science Foundation	Direct	47.076	1725521	NATIONAL SCIENCE FOUNDATION	2,518	-
National Science Foundation	Direct	47.076	1725956	NATIONAL SCIENCE FOUNDATION	48,758	-
National Science Foundation	Direct	47.076	1741575	NATIONAL SCIENCE FOUNDATION	47,732	34,973
National Science Foundation	Direct	47.076	1742381	NATIONAL SCIENCE FOUNDATION	38,624	-
National Science Foundation	Direct	47.076	1742381	NATIONAL SCIENCE FOUNDATION	259,038	259,038
National Science Foundation	Direct	47.076	1813047	NATIONAL SCIENCE FOUNDATION	51,758	-
National Science Foundation	Direct	47.076	1842037	NATIONAL SCIENCE FOUNDATION	15,266	-
National Science Foundation	Direct	47.076	1848739	NATIONAL SCIENCE FOUNDATION	901,999	-
National Science Foundation	Direct	47.076	1907506	NATIONAL SCIENCE FOUNDATION	36,086	-
National Science Foundation	Direct	47.076	1907506	NATIONAL SCIENCE FOUNDATION	215,952	9,656
National Science Foundation	Direct	47.076	1908084	NATIONAL SCIENCE FOUNDATION	1,253	-
National Science Foundation	Direct	47.076	1908084	NATIONAL SCIENCE FOUNDATION	78,500	-
National Science Foundation	Direct	47.076	1914722	NATIONAL SCIENCE FOUNDATION	69,900	-
National Science Foundation	Direct	47.076	1933933	NATIONAL SCIENCE FOUNDATION	87,243	-
National Science Foundation	Direct	47.076	1954767	NATIONAL SCIENCE FOUNDATION	2,586	-
National Science Foundation	Direct	47.076	1954767	NATIONAL SCIENCE FOUNDATION	176,899	-
National Science Foundation	Direct	47.076	2000021	NATIONAL SCIENCE FOUNDATION	78,530	-
National Science Foundation	Direct	47.076	2000605	NATIONAL SCIENCE FOUNDATION	20,613	-
National Science Foundation	Direct	47.076	COVID-19 - 2007842	NATIONAL SCIENCE FOUNDATION	37,701	-
National Science Foundation	Direct	47.076	COVID-19 - 2007842	NATIONAL SCIENCE FOUNDATION	336,219	-
National Science Foundation	Direct	47.076	2012014	NATIONAL SCIENCE FOUNDATION	124,406	-
National Science Foundation	Direct	47.076	2012933	NATIONAL SCIENCE FOUNDATION	84,116	-
National Science Foundation	Direct	47.076	2013286	NATIONAL SCIENCE FOUNDATION	41,365	-
National Science Foundation	Direct	47.076	2013359	NATIONAL SCIENCE FOUNDATION	60,330	-
National Science Foundation	Direct	47.076	2020195	NATIONAL SCIENCE FOUNDATION	75,338	16,766
National Science Foundation	Direct	47.076	2020221	NATIONAL SCIENCE FOUNDATION	30,752	-
National Science Foundation	Direct	47.076	2025244	NATIONAL SCIENCE FOUNDATION	57,142	-
National Science Foundation	Direct	47.076	2055322	NATIONAL SCIENCE FOUNDATION	133,027	-
National Science Foundation	Direct	47.076	2100964	NATIONAL SCIENCE FOUNDATION	229,244	-
National Science Foundation	Direct	47.076	COVID-19 - 2100990	NATIONAL SCIENCE FOUNDATION	17,321	-
National Science Foundation	Direct	47.076	COVID-19 - 2100990	NATIONAL SCIENCE FOUNDATION	741,769	416,250
National Science Foundation	Direct	47.076	2111403	NATIONAL SCIENCE FOUNDATION	189,140	-
National Science Foundation	Direct	47.076	2115522	NATIONAL SCIENCE FOUNDATION	12,236	-
National Science Foundation	Direct	47.076	2115522	NATIONAL SCIENCE FOUNDATION	204,138	-
National Science Foundation	Direct	47.076	2128902	NATIONAL SCIENCE FOUNDATION	20,624	-
National Science Foundation	Direct	47.076	2138058	NATIONAL SCIENCE FOUNDATION	107,526	10,986
National Science Foundation	Direct	47.076	2152014	NATIONAL SCIENCE FOUNDATION	196,589	55,429
National Science Foundation	Direct	47.076	2152014	NATIONAL SCIENCE FOUNDATION	225,675	-
National Science Foundation	Direct	47.076	2200757	NATIONAL SCIENCE FOUNDATION	338,854	31,645
National Science Foundation	Direct	47.076	2200763	NATIONAL SCIENCE FOUNDATION	3,300	-
National Science Foundation	Direct	47.076	2200763	NATIONAL SCIENCE FOUNDATION	610,247	557,585
National Science Foundation	Direct	47.076	2201068	NATIONAL SCIENCE FOUNDATION	139,948	-
National Science Foundation	Direct	47.076	2201795	NATIONAL SCIENCE FOUNDATION	75,832	-
National Science Foundation	Direct	47.076	2201859	NATIONAL SCIENCE FOUNDATION	1,065	-
National Science Foundation	Direct	47.076	2201859	NATIONAL SCIENCE FOUNDATION	13,500	-
National Science Foundation	Direct	47.076	2201859	NATIONAL SCIENCE FOUNDATION	106,670	-
National Science Foundation	Direct	47.076	2203123	NATIONAL SCIENCE FOUNDATION	110,840	18,479
National Science Foundation	Direct	47.076	2215188	NATIONAL SCIENCE FOUNDATION	303,645	210,139
National Science Foundation	Direct	47.076	2221177	NATIONAL SCIENCE FOUNDATION	35,640	-
National Science Foundation	Direct	47.076	2221177	NATIONAL SCIENCE FOUNDATION	263,787	126,846
National Science Foundation	Direct	47.076	2222234	NATIONAL SCIENCE FOUNDATION	932,398	20,549
National Science Foundation	Direct	47.076	2224946	NATIONAL SCIENCE FOUNDATION	127,600	-
National Science Foundation	Direct	47.076	2226271	NATIONAL SCIENCE FOUNDATION	276,411	-
National Science Foundation	Direct	47.076	2235487	NATIONAL SCIENCE FOUNDATION	72,407	-
National Science Foundation	Direct	47.076	2235518	NATIONAL SCIENCE FOUNDATION	38,691	-
National Science Foundation	Direct	47.076	2235783	NATIONAL SCIENCE FOUNDATION	1,565,416	-
National Science Foundation	Direct	47.076	2235794	NATIONAL SCIENCE FOUNDATION	26,269	-
National Science Foundation	Direct	47.076	2237739	NATIONAL SCIENCE FOUNDATION	82,042	-
National Science Foundation	Direct	47.076	2238446	NATIONAL SCIENCE FOUNDATION	184,615	-
National Science Foundation	Direct	47.076	2244164000	NATIONAL SCIENCE FOUNDATION	21,701	-
National Science Foundation	Direct	47.076	2244164000	NATIONAL SCIENCE FOUNDATION	133,166	-
National Science Foundation	Direct	47.076	2300164	NATIONAL SCIENCE FOUNDATION	2,145	-
National Science Foundation	Direct	47.076	2302608	NATIONAL SCIENCE FOUNDATION	98,754	-
National Science Foundation	Direct	47.076	2305598	NATIONAL SCIENCE FOUNDATION	41,788	-
National Science Foundation	Direct	47.076	2314930	NATIONAL SCIENCE FOUNDATION	55,752	-
National Science Foundation	Direct	47.076	2314956	NATIONAL SCIENCE FOUNDATION	8,602	-
National Science Foundation	Direct	47.076	2315435	NATIONAL SCIENCE FOUNDATION	14,166	-
National Science Foundation	Direct	47.076	2318167	NATIONAL SCIENCE FOUNDATION	72,754	-
National Science Foundation	Direct	47.076	2321946	NATIONAL SCIENCE FOUNDATION	6,832	-
National Science Foundation	Direct	47.076	2327451	NATIONAL SCIENCE FOUNDATION	15,568	-
National Science Foundation	Direct	47.076	2333675	NATIONAL SCIENCE FOUNDATION	43,047	-
National Science Foundation	Direct	47.076	2338367	NATIONAL SCIENCE FOUNDATION	7,252	-
National Science Foundation	Direct	47.076	DGE-1828149	NATIONAL SCIENCE FOUNDATION	144,443	-
National Science Foundation	Direct	47.076	DGE-1828149	NATIONAL SCIENCE FOUNDATION	377,594	1,819
National Science Foundation	Direct	47.076	DUE-1340048	NATIONAL SCIENCE FOUNDATION	7,845	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Direct	47.076	DUE-1340048	NATIONAL SCIENCE FOUNDATION	\$ 43,163	\$ -
National Science Foundation	Direct	47.076	DUE-1913698	NATIONAL SCIENCE FOUNDATION	(7,039)	319
National Science Foundation	Direct	47.076	FELLOWSHIPS	NATIONAL SCIENCE FOUNDATION	(812,118)	-
National Science Foundation	Direct	47.076	2033507	NATIONAL SCIENCE FOUNDATION	241,592	-
National Science Foundation	Direct	47.079	1827093	NATIONAL SCIENCE FOUNDATION	12,272	-
National Science Foundation	Direct	47.079	1827093	NATIONAL SCIENCE FOUNDATION	85,438	-
National Science Foundation	Direct	47.079	1853934	NATIONAL SCIENCE FOUNDATION	25,912	-
National Science Foundation	Direct	47.079	1927130	NATIONAL SCIENCE FOUNDATION	3,454	-
National Science Foundation	Direct	47.079	1927130	NATIONAL SCIENCE FOUNDATION	151,610	-
National Science Foundation	Direct	47.079	1927130	NATIONAL SCIENCE FOUNDATION	339,366	28,785
National Science Foundation	Direct	47.079	1952438	NATIONAL SCIENCE FOUNDATION	7,658	-
National Science Foundation	Direct	47.079	1952438	NATIONAL SCIENCE FOUNDATION	27,397	-
National Science Foundation	Direct	47.079	2135564	NATIONAL SCIENCE FOUNDATION	36,259	-
National Science Foundation	Direct	47.079	2135564	NATIONAL SCIENCE FOUNDATION	66,389	-
National Science Foundation	Direct	47.079	2135564	NATIONAL SCIENCE FOUNDATION	196,198	-
National Science Foundation	Direct	47.079	2153316	NATIONAL SCIENCE FOUNDATION	42,013	-
National Science Foundation	Direct	47.079	2153316	NATIONAL SCIENCE FOUNDATION	107,370	-
National Science Foundation	Direct	47.079	2419639	NATIONAL SCIENCE FOUNDATION	4,936	-
National Science Foundation	Direct	47.079	2419639	NATIONAL SCIENCE FOUNDATION	40,050	-
National Science Foundation	Direct	47.079	OISE-1545684	NATIONAL SCIENCE FOUNDATION	156	-
National Science Foundation	Direct	47.083	1934348	NATIONAL SCIENCE FOUNDATION	23,220	-
National Science Foundation	Direct	47.083	2020790	NATIONAL SCIENCE FOUNDATION	100,569	-
National Science Foundation	Direct	47.083	2114321	NATIONAL SCIENCE FOUNDATION	21,708	-
National Science Foundation	Direct	47.083	2119916	NATIONAL SCIENCE FOUNDATION	145,151	-
National Science Foundation	Direct	47.083	2137766	NATIONAL SCIENCE FOUNDATION	74,760	35,764
National Science Foundation	Direct	47.083	2216131	NATIONAL SCIENCE FOUNDATION	589,100	-
National Science Foundation	Direct	47.083	2320400	NATIONAL SCIENCE FOUNDATION	34,968	-
National Science Foundation	Direct	47.083	2320476	NATIONAL SCIENCE FOUNDATION	369,384	-
National Science Foundation	Direct	47.084	2044254	NATIONAL SCIENCE FOUNDATION	3,630	-
National Science Foundation	Direct	47.084	2232410	NATIONAL SCIENCE FOUNDATION	13,567	-
National Science Foundation	Direct	47.084	2235916	NATIONAL SCIENCE FOUNDATION	519,076	85,791
National Science Foundation	Direct	47.084	2345086	NATIONAL SCIENCE FOUNDATION	160,752	4,101
National Science Foundation	Direct	47.084	2345478	NATIONAL SCIENCE FOUNDATION	23,029	-
National Science Foundation	Direct	47.084	2348772	NATIONAL SCIENCE FOUNDATION	35,665	-
Direct Total					66,249,557	3,671,786
National Science Foundation	Pass-through	47.041	2	ASO THERAPEUTICS INC	\$ 30,131	\$ -
National Science Foundation	Pass-through	47.041	97055-23714201	UNIVERSITY OF MARYLAND	15,842	-
National Science Foundation	Pass-through	47.041	F2404-01	NEW YORK UNIV	108	-
National Science Foundation	Pass-through	47.041	UNNR-24-81	UNIVERSITY OF NEVADA RENO	5,639	-
National Science Foundation	Pass-through	47.049	0000002385	UNIVERSITY OF WISCONSIN MADISON	410,030	-
National Science Foundation	Pass-through	47.049	096721-18001	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	6,020	-
National Science Foundation	Pass-through	47.049	1912006Z1	MICHIGAN TECHNOLOGICAL UNIVERSITY	24,223	-
National Science Foundation	Pass-through	47.049	21(GG016228-21)	COLUMBIA UNIV	297,220	-
National Science Foundation	Pass-through	47.049	38(GG016228-28)	COLUMBIA UNIV	88,499	-
National Science Foundation	Pass-through	47.049	401995-5801	COLORADO SCHOOL OF MINES	87,018	-
National Science Foundation	Pass-through	47.049	855K805	UNIVERSITY OF WISCONSIN MADISON	373,151	-
National Science Foundation	Pass-through	47.049	93443/1172884/2 M&O	STONY BROOK UNIVERSITY	338,570	-
National Science Foundation	Pass-through	47.049	AWD104277 (SUB00001000)	UNIVERSITY OF CHICAGO	11,527	-
National Science Foundation	Pass-through	47.049	20(GG016228-20)	COLUMBIA UNIV	25,487	-
National Science Foundation	Pass-through	47.049	22(GG016228-22)	COLUMBIA UNIV	336,144	-
National Science Foundation	Pass-through	47.049	23(GG016228-23)	COLUMBIA UNIV	85,479	-
National Science Foundation	Pass-through	47.049	SUBK00017480	UNIVERSITY OF MICHIGAN	249,265	-
National Science Foundation	Pass-through	47.049	WSU23113	WAYNE STATE UNIV	4,310	-
National Science Foundation	Pass-through	47.049	WSU23113	WAYNE STATE UNIV	45,943	-
National Science Foundation	Pass-through	47.050	10010192-MSU01	BOWLING GREEN STATE UNIVERSITY	3,896	-
National Science Foundation	Pass-through	47.050	AWD100221 (SUB00000492)	UNIVERSITY OF CHICAGO	61,126	26,688
National Science Foundation	Pass-through	47.050	MSU-NSF-CALMV	NORTHERN MICHIGAN UNIV	57,312	-
National Science Foundation	Pass-through	47.070	024703A	IOWA STATE UNIV	83,763	-
National Science Foundation	Pass-through	47.070	106203-18638	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	223,643	-
National Science Foundation	Pass-through	47.070	113662-19592	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	1,532	-
National Science Foundation	Pass-through	47.070	16-800-MSU17	WEST VIRGINIA UNIV	3,535	-
National Science Foundation	Pass-through	47.070	16-800-MSU18	WEST VIRGINIA UNIV	21,571	-
National Science Foundation	Pass-through	47.070	16-800-MSU19	WEST VIRGINIA UNIVERSITY RESEARCH CORP	46,357	-
National Science Foundation	Pass-through	47.070	2021CF-Michigan State-42	COMPUTING RESEARCH ASSOC	101,613	-
National Science Foundation	Pass-through	47.070	203405437	UNIVERSITY OF WISCONSIN MLWAUKEE	66,492	-
National Science Foundation	Pass-through	47.070	32562-01	ROCHESTER INST OF TECHNOLOGY	80,296	-
National Science Foundation	Pass-through	47.070	32677-01	ROCHESTER INST OF TECHNOLOGY	116,363	-
National Science Foundation	Pass-through	47.070	UT21727	OHIO UNIV	39,355	-
National Science Foundation	Pass-through	47.070	UT21727	OHIO UNIV	219,681	-
National Science Foundation	Pass-through	47.074	000535058-SC007	UNIVERSITY OF ALABAMA AT BIRMINGHAM	296,207	-
National Science Foundation	Pass-through	47.074	11054-1315-06	CARNEGIE INSTITUTION FOR SCIENCE	2,294	-
National Science Foundation	Pass-through	47.074	11054-1315-06	CARNEGIE INSTITUTION FOR SCIENCE	49,255	-
National Science Foundation	Pass-through	47.074	A23-0010-S003	UNIVERSITY OF TENNESSEE	95,707	-
National Science Foundation	Pass-through	47.074	A23-0026-S001	UNIVERSITY OF CALIFORNIA MERCED	140,424	-
National Science Foundation	Pass-through	47.074	P007914603	UNIVERSITY OF MINNESOTA	176,039	-
National Science Foundation	Pass-through	47.074	SUB00002642	UNIVERSITY OF GEORGIA	152,926	-
National Science Foundation	Pass-through	47.074	SUB00002646-0A	UNIVERSITY OF GEORGIA	172,296	-
National Science Foundation	Pass-through	47.074	SUB00003332	UNIVERSITY OF FLORIDA	72,172	-
National Science Foundation	Pass-through	47.074	SUBK00008579	UNIVERSITY OF MICHIGAN	22,674	-
National Science Foundation	Pass-through	47.075	2224-206-2014060	CLEMSON UNIV	93,057	-
National Science Foundation	Pass-through	47.075	8685	INDIANA UNIV	179,748	-
National Science Foundation	Pass-through	47.075	FY2023-012	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INC	3,665	-
National Science Foundation	Pass-through	47.075	G-40787-01	COLORADO STATE UNIV	18,614	-
National Science Foundation	Pass-through	47.075	MSU-NSF-Forest Fuels	NORTHERN MICHIGAN UNIV	60,584	-
National Science Foundation	Pass-through	47.075	SUB00002981	UNIVERSITY OF FLORIDA	(2)	-
National Science Foundation	Pass-through	47.076		AMER EDUCATIONAL RESEARCH ASSOC	20,127	-
National Science Foundation	Pass-through	47.076	0000000428	UNIVERSITY OF WISCONSIN MADISON	(40,303)	-
National Science Foundation	Pass-through	47.076	021385A	IOWA STATE UNIV	1,909	-
National Science Foundation	Pass-through	47.076	0883 G LA128	UNIVERSITY OF CALIFORNIA LOS ANGELES	21,465	-
National Science Foundation	Pass-through	47.076	1561027	UNIVERSITY OF COLORADO BOULDER	111,087	-
National Science Foundation	Pass-through	47.076	163950653	UNIVERSITY OF CONNECTICUT	17,897	-
National Science Foundation	Pass-through	47.076	856K424	UNIVERSITY OF WISCONSIN	13,723	-
National Science Foundation	Pass-through	47.076	9109-0003	ASSOCIATED UNIVERSITIES INC	35,669	-
National Science Foundation	Pass-through	47.076	GR18713	UNIVERSITY OF NEVADA LAS VEGAS	64,815	-
National Science Foundation	Pass-through	47.076	IP0640847	AVILA UNIVERSITY	7,124	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
National Science Foundation	Pass-through	47.076	NSF00135-04	UNIVERSITY OF MARYLAND BALTIMORE COUNTY	\$ (9,944)	\$ -
National Science Foundation	Pass-through	47.076	OS40000030	VANDERBILT UNIV	64,468	-
National Science Foundation	Pass-through	47.076	R52003-3210	EASTERN MICHIGAN UNIV	(21)	-
National Science Foundation	Pass-through	47.076	SCON-00005361	UNIVERSITY OF SOUTHERN CALIFORNIA	10,655	-
National Science Foundation	Pass-through	47.076	SUBK00012198	UNIVERSITY OF MICHIGAN	(470)	-
National Science Foundation	Pass-through	47.076	SUBK00014598	UNIVERSITY OF MICHIGAN	57,621	-
National Science Foundation	Pass-through	47.076	SUBK00019790	UNIVERSITY OF MICHIGAN	2,398	-
National Science Foundation	Pass-through	47.076	UDR0000409	UNIVERSITY OF DELAWARE	3,513	-
National Science Foundation	Pass-through	47.078	0000001309	UNIVERSITY OF WISCONSIN MADISON	74,810	-
National Science Foundation	Pass-through	47.079	S003164-NSF	PENNSYLVANIA STATE UNIV	177,932	-
National Science Foundation	Pass-through	47.083	24-WREC-201761-MSU	AUBURN UNIV	2,088	-
National Science Foundation	Pass-through	47.083	FY2023-043	UNIVERSITY OF KANSAS	67,041	-
National Science Foundation	Pass-through	47.083	GR125363/SPC-1000005873	OHIO STATE UNIV	229,730	-
National Science Foundation	Pass-through	47.083	KK2116	UNIVERSITY OF CALIFORNIA SANTA BARBARA	68,833	-
National Science Foundation	Pass-through	47.083	SUB00002588	RUTGERS UNIVERSITY	5,616	-
National Science Foundation	Pass-through	47.084		DATASHAPES LLC	10,769	-
National Science Foundation	Pass-through	47.084	24-CHEME-201774-MSU	AUBURN UNIV	12,968	-
National Science Foundation	Pass-through	47.084	E2059541	GEORGE MASON UNIV	(512)	-
National Science Foundation	Pass-through	47.084	MGA-MSU-20230501	MOTION GRAZER AI	69,196	-
National Science Foundation	Pass-through	47.084	SUBK000117990	UNIVERSITY OF MICHIGAN	16,473	-
Pass-through Total					6,247,478	26,888
National Science Foundation Total					72,497,035	3,598,374
Office of the Director of National Intelligence	Direct	54.RD	2022-21102100004	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	\$ 150,293	\$ 141,837
Office of the Director of National Intelligence	Direct	54.RD	2022-21102100004	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	2,844,736	413,361
Direct Total					2,995,029	556,198
Office of the Director of National Intelligence Total					2,995,029	556,198
Environmental Protection Agency	Direct	66.466	96373801	US ENVIRONMENTAL PROTECTION AGENCY	\$ 175,381	\$ -
Environmental Protection Agency	Direct	66.469	00E02802	US ENVIRONMENTAL PROTECTION AGENCY	1,240	-
Environmental Protection Agency	Direct	66.469	00E02802	US ENVIRONMENTAL PROTECTION AGENCY	438,342	229,099
Environmental Protection Agency	Direct	66.509	83616801	US ENVIRONMENTAL PROTECTION AGENCY	40,163	-
Environmental Protection Agency	Direct	66.511	84025201	US ENVIRONMENTAL PROTECTION AGENCY	224,959	4,348
Environmental Protection Agency	Direct	66.511	84093401	US ENVIRONMENTAL PROTECTION AGENCY	10,462	-
Environmental Protection Agency	Direct	66.511	84060401	US ENVIRONMENTAL PROTECTION AGENCY	132,531	66,800
Environmental Protection Agency	Direct	66.516	84038201	US ENVIRONMENTAL PROTECTION AGENCY	20,306	-
Environmental Protection Agency	Direct	66.516	84040201	US ENVIRONMENTAL PROTECTION AGENCY	15,994	-
Direct Total					1,059,378	300,247
Environmental Protection Agency	Pass-through	66.469	E20235363-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 41,805	\$ -
Environmental Protection Agency	Pass-through	66.469	2023-MNF01	MICHIGAN DEPT OF ENVIRONMENTAL QUALITY	69,795	-
Environmental Protection Agency	Pass-through	66.469	E20242026-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	80,079	-
Environmental Protection Agency	Pass-through	66.509	A009907501	UNIVERSITY OF MINNESOTA	63,923	-
Environmental Protection Agency	Pass-through	66.509	TUL-HSC-559593-21/22	THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND	68,796	-
Environmental Protection Agency	Pass-through	66.511	401579-5802	COLORADO SCHOOL OF MINES	135,029	-
Environmental Protection Agency	Pass-through	66.605	2022-0026	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	191,287	85,020
Pass-through Total					650,714	85,020
Environmental Protection Agency Total					1,710,092	385,267
U.S. Dept of Energy	Direct	81.049	DE-FG02-01ER15228	US DEPT OF ENERGY	\$ 221,407	\$ -
U.S. Dept of Energy	Direct	81.049	DE-FG02-01ER15282	US DEPT OF ENERGY	234,111	-
U.S. Dept of Energy	Direct	81.049	DE-FG02-03ER41259	US DEPT OF ENERGY	106,786	-
U.S. Dept of Energy	Direct	81.049	DE-FG02-06ER46309	US DEPT OF ENERGY	190,145	-
U.S. Dept of Energy	Direct	81.049	DE-FG02-91ER20021	US DEPT OF ENERGY	3,694	-
U.S. Dept of Energy	Direct	81.049	DE-FG02-91ER20021	US DEPT OF ENERGY	3,964,241	-
U.S. Dept of Energy	Direct	81.049	DE-SC0000661	US DEPT OF ENERGY	(373,546)	(46,893)
U.S. Dept of Energy	Direct	81.049	DE-SC0000661	US DEPT OF ENERGY	470,802	-
U.S. Dept of Energy	Direct	81.049	DE-SC0002325	US DEPT OF ENERGY	248,071	-
U.S. Dept of Energy	Direct	81.049	DE-SC0007101	US DEPT OF ENERGY	230,368	-
U.S. Dept of Energy	Direct	81.049	DE-SC0010847	US DEPT OF ENERGY	204,332	-
U.S. Dept of Energy	Direct	81.049	DE-SC0013385	US DEPT OF ENERGY	103,060	-
U.S. Dept of Energy	Direct	81.049	DE-SC0013385	US DEPT OF ENERGY	130,156	-
U.S. Dept of Energy	Direct	81.049	DE-SC0013617	US DEPT OF ENERGY	44,250	-
U.S. Dept of Energy	Direct	81.049	DE-SC0013617	US DEPT OF ENERGY	987,370	452,010
U.S. Dept of Energy	Direct	81.049	DE-SC0014108	US DEPT OF ENERGY	195,170	-
U.S. Dept of Energy	Direct	81.049	DE-SC0014108	US DEPT OF ENERGY	356,120	82,900
U.S. Dept of Energy	Direct	81.049	DE-SC0015903	US DEPT OF ENERGY	493	-
U.S. Dept of Energy	Direct	81.049	DE-SC0015903	US DEPT OF ENERGY	312,028	-
U.S. Dept of Energy	Direct	81.049	DE-SC0015904	US DEPT OF ENERGY	39,639	-
U.S. Dept of Energy	Direct	81.049	DE-SC0016604	US DEPT OF ENERGY	239,137	-
U.S. Dept of Energy	Direct	81.049	DE-SC0016948	US DEPT OF ENERGY	217,474	-
U.S. Dept of Energy	Direct	81.049	DE-SC0017342	US DEPT OF ENERGY	68,685	-
U.S. Dept of Energy	Direct	81.049	DE-SC0017889	US DEPT OF ENERGY	3,165	-
U.S. Dept of Energy	Direct	81.049	DE-SC0017952	US DEPT OF ENERGY	33,644	-
U.S. Dept of Energy	Direct	81.049	DE-SC0017955	US DEPT OF ENERGY	340,984	-
U.S. Dept of Energy	Direct	81.049	DE-SC0018083	US DEPT OF ENERGY	(2)	-
U.S. Dept of Energy	Direct	81.049	DE-SC0018083	US DEPT OF ENERGY	50,982	18,099
U.S. Dept of Energy	Direct	81.049	DE-SC0018269	US DEPT OF ENERGY	21,463	-
U.S. Dept of Energy	Direct	81.049	DE-SC0018269	US DEPT OF ENERGY	22,934	2,973
U.S. Dept of Energy	Direct	81.049	DE-SC0018269	US DEPT OF ENERGY	249,109	183,329
U.S. Dept of Energy	Direct	81.049	DE-SC0018362	US DEPT OF ENERGY	785,022	-
U.S. Dept of Energy	Direct	81.049	DE-SC0018636	US DEPT OF ENERGY	115,554	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019015	US DEPT OF ENERGY	(7,423)	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019072	US DEPT OF ENERGY	120,548	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019120	US DEPT OF ENERGY	89,650	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019209	US DEPT OF ENERGY	60,749	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019259	US DEPT OF ENERGY	(6,240)	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019259	US DEPT OF ENERGY	87,122	-
U.S. Dept of Energy	Direct	81.049	DESC0019403	US DEPT OF ENERGY	74,450	-
U.S. Dept of Energy	Direct	81.049	DE-SC0019455	US DEPT OF ENERGY	186,595	-
U.S. Dept of Energy	Direct	81.049	DE-SC0020429	US DEPT OF ENERGY	4,695	-
U.S. Dept of Energy	Direct	81.049	DE-SC0020451	US DEPT OF ENERGY	124,995	-
U.S. Dept of Energy	Direct	81.049	DE-SC0020606	US DEPT OF ENERGY	191,732	-
U.S. Dept of Energy	Direct	81.049	DE-SC0020987	US DEPT OF ENERGY	28,449	-
U.S. Dept of Energy	Direct	81.049	DE-SC0021152	US DEPT OF ENERGY	45,876	-
U.S. Dept of Energy	Direct	81.049	DE-SC0021193	US DEPT OF ENERGY	3,670,494	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Energy	Direct	81.049	DE-SC0021197	US DEPT OF ENERGY	\$ 249,485	\$ 185,979
U.S. Dept of Energy	Direct	81.049	DE-SC0021220	US DEPT OF ENERGY	617,772	-
U.S. Dept of Energy	Direct	81.049	DE-SC0021422	US DEPT OF ENERGY	93,515	-
U.S. Dept of Energy	Direct	81.049	DE-SC0021423	US DEPT OF ENERGY	(877)	-
U.S. Dept of Energy	Direct	81.049	DE-SC0021938	US DEPT OF ENERGY	97,167	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022075	US DEPT OF ENERGY	23,550	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022075	US DEPT OF ENERGY	113,168	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022075	US DEPT OF ENERGY	154,198	62,845
U.S. Dept of Energy	Direct	81.049	DE-SC0022078	US DEPT OF ENERGY	178,325	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022299	US DEPT OF ENERGY	432,464	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022987	US DEPT OF ENERGY	942,771	-
U.S. Dept of Energy	Direct	81.049	DE-SC0022994	US DEPT OF ENERGY	381,735	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023128	US DEPT OF ENERGY	21,131	30,652
U.S. Dept of Energy	Direct	81.049	DE-SC0023128	US DEPT OF ENERGY	44,919	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023164	US DEPT OF ENERGY	1,041,070	440,297
U.S. Dept of Energy	Direct	81.049	DE-SC0023175	US DEPT OF ENERGY	51,208	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023175	US DEPT OF ENERGY	221,608	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023211	US DEPT OF ENERGY	42,577	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	14,455	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	104,323	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	106,172	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	132,368	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	152,708	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	160,819	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	164,418	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023395	US DEPT OF ENERGY	295,251	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023516	US DEPT OF ENERGY	119,454	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023518	US DEPT OF ENERGY	100,049	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023529	US DEPT OF ENERGY	22,822	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023633	US DEPT OF ENERGY	12,025	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023633	US DEPT OF ENERGY	1,713,035	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023633	US DEPT OF ENERGY	107,979,108	792,121
U.S. Dept of Energy	Direct	81.049	DE-SC0023648	US DEPT OF ENERGY	173,924	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023658	US DEPT OF ENERGY	172,911	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023688	US DEPT OF ENERGY	143,282	33,691
U.S. Dept of Energy	Direct	81.049	DE-SC0023702	US DEPT OF ENERGY	196,786	-
U.S. Dept of Energy	Direct	81.049	DE-SC0023722	US DEPT OF ENERGY	39,659	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024053	US DEPT OF ENERGY	114,984	84,367
U.S. Dept of Energy	Direct	81.049	DE-SC0024098	US DEPT OF ENERGY	69,962	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024098	US DEPT OF ENERGY	2,830,222	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024170	US DEPT OF ENERGY	134,543	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024582	US DEPT OF ENERGY	19,387	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024586	US DEPT OF ENERGY	85,059	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024587	US DEPT OF ENERGY	25,163	-
U.S. Dept of Energy	Direct	81.049	DE-SC0024707	US DEPT OF ENERGY	189,988	-
U.S. Dept of Energy	Direct	81.049	1022200250	US DEPT OF ENERGY	(43,040)	-
U.S. Dept of Energy	Direct	81.057	DE-FE0031899	US DEPT OF ENERGY	138,514	-
U.S. Dept of Energy	Direct	81.086	DE-EE0009947	US DEPT OF ENERGY	591,235	-
U.S. Dept of Energy	Direct	81.087	DE-EE0008992	US DEPT OF ENERGY	108,121	78,702
U.S. Dept of Energy	Direct	81.112	DE-NA0003906 Funding Doc No. 19NA001260	US DEPT OF ENERGY	(3,904)	-
U.S. Dept of Energy	Direct	81.112	DE-NA0003908	US DEPT OF ENERGY	(12,603)	-
U.S. Dept of Energy	Direct	81.112	DE-NA0003913	US DEPT OF ENERGY	(89)	-
U.S. Dept of Energy	Direct	81.112	DE-NA0004071	US DEPT OF ENERGY	319,400	-
U.S. Dept of Energy	Direct	81.112	DE-NA0004074	US DEPT OF ENERGY	217,126	-
U.S. Dept of Energy	Direct	81.117	DE-EE0009734	US DEPT OF ENERGY	554,650	48,265
U.S. Dept of Energy	Direct	81.135	DE-AR0001123	US DEPT OF ENERGY	1,049	-
Direct Total					136,342,321	2,449,337
U.S. Dept of Energy	Pass-through	81.RD	CW15962	LOS ALAMOS NATL LABORATORY	(4,092)	-
U.S. Dept of Energy	Pass-through	81.RD	0000642683	SAVANNAH RIVER NATIONAL LABORATORY	32,779	-
U.S. Dept of Energy	Pass-through	81.RD	17444	LOS ALAMOS NATL LABORATORY	90,136	-
U.S. Dept of Energy	Pass-through	81.RD	1F-60265	ARGONNE NATIONAL LABORATORY	8,818	-
U.S. Dept of Energy	Pass-through	81.RD	1F-60322	ARGONNE NATIONAL LABORATORY	22,708	-
U.S. Dept of Energy	Pass-through	81.RD	1F-60428	ARGONNE NATIONAL LABORATORY	74,910	-
U.S. Dept of Energy	Pass-through	81.RD	215328	STANFORD LINEAR ACCELERATOR CENTER	2,750,263	1,038,640
U.S. Dept of Energy	Pass-through	81.RD	226805	STANFORD LINEAR ACCELERATOR CENTER	114,817	-
U.S. Dept of Energy	Pass-through	81.RD	2574453	SANDIA NATIONAL LABORATORIES	21,419	-
U.S. Dept of Energy	Pass-through	81.RD	4000178111	UT BATTELLE LLC	116,542	-
U.S. Dept of Energy	Pass-through	81.RD	429321	BROOKHAVEN NATIONAL LABORATORY	5,000	-
U.S. Dept of Energy	Pass-through	81.RD	4F-60008	ARGONNE NATIONAL LABORATORY	79,773	-
U.S. Dept of Energy	Pass-through	81.RD	516587	PACIFIC NORTHWEST NATIONAL LABORATORY	(5,387)	-
U.S. Dept of Energy	Pass-through	81.RD	648788	PACIFIC NORTHWEST NATIONAL LABORATORY	26,682	-
U.S. Dept of Energy	Pass-through	81.RD	662608	FERMI NATIONAL ACCELERATOR LABORATORY	86,795	-
U.S. Dept of Energy	Pass-through	81.RD	667145	FERMI NATIONAL ACCELERATOR LABORATORY	404,834	-
U.S. Dept of Energy	Pass-through	81.RD	682023	FERMI NATIONAL ACCELERATOR LABORATORY	61,696	-
U.S. Dept of Energy	Pass-through	81.RD	682559	FERMI NATIONAL ACCELERATOR LABORATORY	24,676	-
U.S. Dept of Energy	Pass-through	81.RD	694211	FERMI NATIONAL ACCELERATOR LABORATORY	46,992	-
U.S. Dept of Energy	Pass-through	81.RD	698187	FERMI NATIONAL ACCELERATOR LABORATORY	67,888	-
U.S. Dept of Energy	Pass-through	81.RD	698551	FERMI NATIONAL ACCELERATOR LABORATORY	218	-
U.S. Dept of Energy	Pass-through	81.RD	705377	FERMI NATIONAL ACCELERATOR LABORATORY	21,114	-
U.S. Dept of Energy	Pass-through	81.RD	709534	FERMI NATIONAL ACCELERATOR LABORATORY	121,141	-
U.S. Dept of Energy	Pass-through	81.RD	730144	PACIFIC NORTHWEST NATIONAL LABORATORY	7,783	-
U.S. Dept of Energy	Pass-through	81.RD	7436735	LAWRENCE BERKELEY NATIONAL LABORATORY	73,007	-
U.S. Dept of Energy	Pass-through	81.RD	7535238	LAWRENCE BERKELEY NATIONAL LABORATORY	(4,843)	-
U.S. Dept of Energy	Pass-through	81.RD	7586187	LAWRENCE BERKELEY NATIONAL LABORATORY	36,549	-
U.S. Dept of Energy	Pass-through	81.RD	7618019	LAWRENCE BERKELEY NATIONAL LABORATORY	100,513	-
U.S. Dept of Energy	Pass-through	81.RD	7660758	LAWRENCE BERKELEY NATIONAL LABORATORY	75,704	-
U.S. Dept of Energy	Pass-through	81.RD	7728502	LAWRENCE BERKELEY NATIONAL LABORATORY	21,462	-
U.S. Dept of Energy	Pass-through	81.RD	8042998	LAWRENCE LIVERMORE NATIONAL LABORATORY	11,501	-
U.S. Dept of Energy	Pass-through	81.RD	8644717	LAWRENCE LIVERMORE NATIONAL LABORATORY	14,012	-
U.S. Dept of Energy	Pass-through	81.RD	8645448	LAWRENCE LIVERMORE NATIONAL LABORATORY	(1,475)	-
U.S. Dept of Energy	Pass-through	81.RD	8650091	LAWRENCE LIVERMORE NATIONAL LABORATORY	147,228	-
U.S. Dept of Energy	Pass-through	81.RD	8651015	LAWRENCE LIVERMORE NATIONAL LABORATORY	51,163	-
U.S. Dept of Energy	Pass-through	81.RD	8651921	LAWRENCE LIVERMORE NATIONAL LABORATORY	82,392	-
U.S. Dept of Energy	Pass-through	81.RD	8655961	LAWRENCE LIVERMORE NATIONAL LABORATORY	54,184	-
U.S. Dept of Energy	Pass-through	81.RD	8657480	LAWRENCE LIVERMORE NATIONAL LABORATORY	42,006	-

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Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Energy	Pass-through	81.RD	B657480	LAWRENCE LIVERMORE NATIONAL LABORATORY	\$ 65,544	\$ -
U.S. Dept of Energy	Pass-through	81.RD	B657927	LAWRENCE LIVERMORE NATIONAL LABORATORY	133,403	-
U.S. Dept of Energy	Pass-through	81.RD	B659440	LAWRENCE LIVERMORE NATIONAL LABORATORY	80,053	-
U.S. Dept of Energy	Pass-through	81.RD	B661604	LAWRENCE LIVERMORE NATIONAL LABORATORY	25,851	-
U.S. Dept of Energy	Pass-through	81.RD	B662690	LAWRENCE LIVERMORE NATIONAL LABORATORY	32,372	-
U.S. Dept of Energy	Pass-through	81.RD	Basic Agreement No. 305049 Subcontract No. 589239	LOS ALAMOS NATL LABORATORY	58,681	-
U.S. Dept of Energy	Pass-through	81.RD	BNL-0000415351	BROOKHAVEN NATIONAL LABORATORY	(151)	-
U.S. Dept of Energy	Pass-through	81.RD	C1756	LOS ALAMOS NATL LABORATORY	172,331	-
U.S. Dept of Energy	Pass-through	81.RD	C3107	LOS ALAMOS NATL LABORATORY	76,107	-
U.S. Dept of Energy	Pass-through	81.RD	C3638	LOS ALAMOS NATL LABORATORY	95,295	-
U.S. Dept of Energy	Pass-through	81.RD	C3745	LOS ALAMOS NATL LABORATORY	74,143	-
U.S. Dept of Energy	Pass-through	81.RD	C4141	LOS ALAMOS NATL LABORATORY	71,476	-
U.S. Dept of Energy	Pass-through	81.RD	CW52168	OAK RIDGE NATIONAL LABORATORY	74,144	-
U.S. Dept of Energy	Pass-through	81.RD	CW53329	OAK RIDGE NATIONAL LABORATORY	76,044	-
U.S. Dept of Energy	Pass-through	81.RD	DWX Project Order PPO-40	DEFENSEWERX INC.	18,565	-
U.S. Dept of Energy	Pass-through	81.RD	Joint Appt Hao	BROOKHAVEN SCIENCE ASSOC LLC	181,037	-
U.S. Dept of Energy	Pass-through	81.RD	N000468792	HONEYWELL CORP	235,468	-
U.S. Dept of Energy	Pass-through	81.RD	N000506402	HONEYWELL CORP	188,321	-
U.S. Dept of Energy	Pass-through	81.RD	2485395, Rev. 0	SANDIA NATIONAL LABORATORIES	36,001	-
U.S. Dept of Energy	Pass-through	81.RD	S004161-ORNL	PENNSYLVANIA STATE UNIV	153,260	-
U.S. Dept of Energy	Pass-through	81.041	20'2212	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	361,852	-
U.S. Dept of Energy	Pass-through	81.049		COLLABORATIVE COMPOSITE SOLUTIONS CORP	(11,903)	-
U.S. Dept of Energy	Pass-through	81.049	00460465	INTEGRATED SENSORS LLC	4,039	-
U.S. Dept of Energy	Pass-through	81.049	00657174	HELICOID INDUSTRIES	84,473	-
U.S. Dept of Energy	Pass-through	81.049	157731-22498	CORNELL UNIV	480	-
U.S. Dept of Energy	Pass-through	81.049	23217-MI	DONALD DANFORTH PLANT SCIENCE CENTER	279,978	-
U.S. Dept of Energy	Pass-through	81.049	25-1215-0208-007	UNIVERSITY OF NEBRASKA - LINCOLN	103,089	-
U.S. Dept of Energy	Pass-through	81.049	54398	MARINE BIOLOGICAL LABORATORY	6,641	-
U.S. Dept of Energy	Pass-through	81.049	586119	UNIVERSITY OF PENNSYLVANIA	67,786	-
U.S. Dept of Energy	Pass-through	81.049	812K980	UNIVERSITY OF WISCONSIN MADISON	9,337,507	-
U.S. Dept of Energy	Pass-through	81.049	ASLUB00000681	ARIZONA STATE UNIV	199,663	-
U.S. Dept of Energy	Pass-through	81.049	C22-18	RADIATION MONITORING DEVICES INC	12,759	-
U.S. Dept of Energy	Pass-through	81.049	DESC0022406	GREAT LAKES CRYSTAL TECHNOLOGIES INC	199,297	-
U.S. Dept of Energy	Pass-through	81.049	EN2-7107A	NANOSONIC INC	10,116	-
U.S. Dept of Energy	Pass-through	81.049	GF70059-1	UNIVERSITY OF NORTH TEXAS	11,406	-
U.S. Dept of Energy	Pass-through	81.049	Great Lakes Crystal Technologies, Inc-MSU-00524176	GREAT LAKES CRYSTAL TECHNOLOGIES INC	(1,330)	-
U.S. Dept of Energy	Pass-through	81.049	R000102	VIRGINIA STATE UNIVERSITY	41,456	-
U.S. Dept of Energy	Pass-through	81.049	R02187	FLORIDA STATE UNIV	133,614	-
U.S. Dept of Energy	Pass-through	81.049	S00460-01	UNIVERSITY OF IOWA	94,293	-
U.S. Dept of Energy	Pass-through	81.049	SUB0000288	PRINCETON UNIV	203,668	-
U.S. Dept of Energy	Pass-through	81.049	SUB0000347	PRINCETON UNIV	18,749	-
U.S. Dept of Energy	Pass-through	81.049	SUB0000376	PRINCETON UNIV	52,552	-
U.S. Dept of Energy	Pass-through	81.049	UTA20-001012	UNIVERSITY OF TEXAS AT AUSTIN	254,388	-
U.S. Dept of Energy	Pass-through	81.049	UWSC13586	UNIVERSITY OF WASHINGTON	4,715	-
U.S. Dept of Energy	Pass-through	81.049	UWSC14889	UNIVERSITY OF WASHINGTON	63,564	-
U.S. Dept of Energy	Pass-through	81.049	UWSC15171	UNIVERSITY OF WASHINGTON	52,381	-
U.S. Dept of Energy	Pass-through	81.049	WU-23-0291	WASHINGTON UNIV IN ST LOUIS	26,241	-
U.S. Dept of Energy	Pass-through	81.086		SLPSTREAM GROUP INC	10,634	-
U.S. Dept of Energy	Pass-through	81.086	DE-EE-0009869	BORG WARNER CORP	70,942	-
U.S. Dept of Energy	Pass-through	81.086	4301241378	GENERAL MOTORS CORP	311,466	-
U.S. Dept of Energy	Pass-through	81.086	PR2096550	FORD MOTOR CO	238,776	-
U.S. Dept of Energy	Pass-through	81.086	S004500-USDOE	PENNSYLVANIA STATE UNIV	27,164	-
U.S. Dept of Energy	Pass-through	81.087	20-01-MM-4077	95,645	18,792	
U.S. Dept of Energy	Pass-through	81.087	20-01-RR-4032	REMADE INST	106,166	-
U.S. Dept of Energy	Pass-through	81.087	2108-219-2023054	CLEMSON UNIV	(3)	-
U.S. Dept of Energy	Pass-through	81.087	SA-20-02	REMADE INST	1,846	-
U.S. Dept of Energy	Pass-through	81.087	SUBK00013541	UNIVERSITY OF MICHIGAN	24,967	-
U.S. Dept of Energy	Pass-through	81.087	UNR-24-46	UNIVERSITY OF NEVADA RENO	19,912	-
U.S. Dept of Energy	Pass-through	81.112	18045	UNIVERSITY OF ILLINOIS CHICAGO	68,362	-
U.S. Dept of Energy	Pass-through	81.113	00010831	UNIVERSITY OF CALIFORNIA BERKELEY	987,637	-
U.S. Dept of Energy	Pass-through	81.135	14000698-008	PURDUE UNIV	103,753	-
U.S. Dept of Energy	Pass-through	81.135	14000698-008	PURDUE UNIV	118,688	-
U.S. Dept of Energy	Pass-through	81.135	14000698-008	PURDUE UNIV	127,156	-
U.S. Dept of Energy	Pass-through	81.135	G0176A-A	OREGON STATE UNIV	(2,535)	-
U.S. Dept of Energy	Pass-through	81.135	old 157593456 new 488094	UNIVERSITY OF CONNECTICUT	163,757	-
Pass-through Total					20,814,680	1,057,432
U.S. Dept of Energy Total					157,157,001	3,506,769
U.S. Dept of Education	Direct	84.015	P015A180155-Title VI	US DEPT OF EDUCATION	\$ 15,070	\$ -
U.S. Dept of Education	Direct	84.015	P015A220029	US DEPT OF EDUCATION	321,007	-
U.S. Dept of Education	Direct	84.015	P015A220041	US DEPT OF EDUCATION	280,473	-
U.S. Dept of Education	Direct	84.015	P015B180155-FLAS	US DEPT OF EDUCATION	2,500	-
U.S. Dept of Education	Direct	84.017	P017A230015	US DEPT OF EDUCATION	42,221	-
U.S. Dept of Education	Direct	84.200	P200A180025	US DEPT OF EDUCATION	(2,956)	-
U.S. Dept of Education	Direct	84.200	P200A180025	US DEPT OF EDUCATION	(2,746)	-
U.S. Dept of Education	Direct	84.200	P200A180025	US DEPT OF EDUCATION	2,745	-
U.S. Dept of Education	Direct	84.220	P220A220002	US DEPT OF EDUCATION	346,455	-
U.S. Dept of Education	Direct	84.305	R305A210081	US DEPT OF EDUCATION	352,802	-
U.S. Dept of Education	Direct	84.305	R305A210122	NST OF EDUCATION SCIENCES	622,730	299,621
U.S. Dept of Education	Direct	84.305	R305A230401	NST OF EDUCATION SCIENCES	182,885	38,121
U.S. Dept of Education	Direct	84.305	R305D220022	NST OF EDUCATION SCIENCES	297,633	135,296
U.S. Dept of Education	Direct	84.305	R305H190004	NST OF EDUCATION SCIENCES	726,120	391,146
U.S. Dept of Education	Direct	84.324	R324A180122	NST OF EDUCATION SCIENCES	77,880	-
U.S. Dept of Education	Direct	84.324	R324A210013	NST OF EDUCATION SCIENCES	128,424	125,118
U.S. Dept of Education	Direct	84.324	R324A230039	US DEPT OF EDUCATION	126,138	65,626
U.S. Dept of Education	Direct	84.324	R324L190002	NST OF EDUCATION SCIENCES	68,125	-
U.S. Dept of Education	Direct	84.325	H325K200018	US DEPT OF EDUCATION	61,289	-
U.S. Dept of Education	Direct	84.325	H325K200018	US DEPT OF EDUCATION	173,168	-
U.S. Dept of Education	Direct	84.411	S411B230030	US DEPT OF EDUCATION	182,290	-
Direct Total					4,004,253	1,054,898
U.S. Dept of Education	Pass-through	84.RD	0541100001	AMER INSTS FOR RESEARCH	\$ 27,038	\$ -
U.S. Dept of Education	Pass-through	84.264	0000001828	UNIVERSITY OF WISCONSIN	24,655	-
U.S. Dept of Education	Pass-through	84.287	232122	MICHIGAN DEPT OF EDUCATION	2,024	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Education	Pass-through	84.287	330002550	MICHIGAN DEPT OF EDUCATION	\$ 512,027	\$ -
U.S. Dept of Education	Pass-through	84.305	108191-5121403	HARVARD UNIV	23,832	-
U.S. Dept of Education	Pass-through	84.305	162078350	UNIVERSITY OF CONNECTICUT	227,475	-
U.S. Dept of Education	Pass-through	84.305	511149-01	TEACHERS COLLEGE COLUMBIA UNV	110,401	-
U.S. Dept of Education	Pass-through	84.305	TUL-SCC-556404-18/19	TULANE UNIV	474,591	-
U.S. Dept of Education	Pass-through	84.425	COVID-19 - 02667B	IOWA STATE UNIV	14,203	-
Pass-through Total					1,416,246	-
U.S. Dept of Education Total					5,420,499	1,054,898
U.S. Dept of Health and Human Services	Direct	93.103	U01FD007790	FOOD & DRUG ADMINISTRATION	\$ 243,625	\$ 118,848
U.S. Dept of Health and Human Services	Direct	93.113	1R01ES033896-01	NATIONAL INST OF HEALTH	460,521	-
U.S. Dept of Health and Human Services	Direct	93.113	3R01ES027353-06S1	NATIONAL INST OF HEALTH	28,681	-
U.S. Dept of Health and Human Services	Direct	93.113	3R01ES027353-07S1	NATIONAL INST OF HEALTH	76,908	-
U.S. Dept of Health and Human Services	Direct	93.113	5T32ES007255-34	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	374,379	-
U.S. Dept of Health and Human Services	Direct	93.113	5T32ES007255-35	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	64,435	-
U.S. Dept of Health and Human Services	Direct	93.113	R00ES028744	NATIONAL INST OF HEALTH	38,507	-
U.S. Dept of Health and Human Services	Direct	93.113	R00ES032488	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	240,097	-
U.S. Dept of Health and Human Services	Direct	93.113	R01ES027353	NATIONAL INST OF HEALTH	537,384	10,073
U.S. Dept of Health and Human Services	Direct	93.113	R01ES029227	NATIONAL INST OF HEALTH	828,268	654,216
U.S. Dept of Health and Human Services	Direct	93.113	R01ES029541	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	33,797	-
U.S. Dept of Health and Human Services	Direct	93.113	R01ES029541	NATIONAL INST OF HEALTH	134,617	-
U.S. Dept of Health and Human Services	Direct	93.113	R01ES030695	NATIONAL INST OF HEALTH	45,713	-
U.S. Dept of Health and Human Services	Direct	93.113	R01ES030695	NATIONAL INST OF HEALTH	231,878	-
U.S. Dept of Health and Human Services	Direct	93.113	R01ES031937	NATIONAL INST OF HEALTH	588,241	327,544
U.S. Dept of Health and Human Services	Direct	93.113	R01ES032227	NATIONAL INST OF HEALTH	350,686	187,589
U.S. Dept of Health and Human Services	Direct	93.113	R01ES033515	NATIONAL INST OF HEALTH	635,674	275,249
U.S. Dept of Health and Human Services	Direct	93.113	R01ES033515-02S1	NATIONAL INST OF HEALTH	33,061	-
U.S. Dept of Health and Human Services	Direct	93.113	R21ES033830	NATIONAL INST OF HEALTH	298,745	-
U.S. Dept of Health and Human Services	Direct	93.113	R25ES025060	NATIONAL INST OF HEALTH	31,407	-
U.S. Dept of Health and Human Services	Direct	93.113	R25ES025060	NATIONAL INST OF HEALTH	83,336	-
U.S. Dept of Health and Human Services	Direct	93.113	T32ES007255	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	9,546	-
U.S. Dept of Health and Human Services	Direct	93.121	1R56DE030437-01	NATIONAL INST OF DENTAL & CRANIOFACIAL RESEARCH	(304)	-
U.S. Dept of Health and Human Services	Direct	93.121	3K25DE028949-04S1	NATIONAL INST OF HEALTH	7,421	-
U.S. Dept of Health and Human Services	Direct	93.121	7R21DE031765-02	NATIONAL INST OF HEALTH	199,415	45,275
U.S. Dept of Health and Human Services	Direct	93.121	K25DE028949	NATIONAL INST OF HEALTH	151,248	-
U.S. Dept of Health and Human Services	Direct	93.121	R01DE029524	NATIONAL INST OF HEALTH	706,440	315,205
U.S. Dept of Health and Human Services	Direct	93.121	R03DE032357	NATIONAL INST OF HEALTH	158,433	25,779
U.S. Dept of Health and Human Services	Direct	93.136	5 U01CE003395-03-00	CENTERS FOR DISEASE CONTROL & PREVENTION	412,508	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1	NATIONAL INST OF HEALTH	84,863	70,738
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Admin	NATIONAL INST OF HEALTH	171,881	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-CEC	NATIONAL INST OF HEALTH	151,959	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-CMC	NATIONAL INST OF HEALTH	107,788	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-DMAC	NATIONAL INST OF HEALTH	149,448	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project1	NATIONAL INST OF HEALTH	304,952	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project2	NATIONAL INST OF HEALTH	249,005	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project3A	NATIONAL INST OF HEALTH	210,529	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project3B	NATIONAL INST OF HEALTH	64,832	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project4	NATIONAL INST OF HEALTH	146,289	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project4Rutgers	NATIONAL INST OF HEALTH	159,073	144,948
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project5	NATIONAL INST OF HEALTH	138,963	-
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-Project5Purdue	NATIONAL INST OF HEALTH	109,125	95,000
U.S. Dept of Health and Human Services	Direct	93.143	2P42ES004911-27A1-RETCC	NATIONAL INST OF HEALTH	81,319	-
U.S. Dept of Health and Human Services	Direct	93.173	K01DC017751	NATIONAL INST OF HEALTH	121,797	-
U.S. Dept of Health and Human Services	Direct	93.173	R01DC012315	NATIONAL INST OF HEALTH	331,609	136,171
U.S. Dept of Health and Human Services	Direct	93.173	R01DC018000	NATIONAL INST OF HEALTH	59,560	25,421
U.S. Dept of Health and Human Services	Direct	93.173	R01DC018000	NATIONAL INST OF HEALTH	493,140	38,623
U.S. Dept of Health and Human Services	Direct	93.173	R01DC018795	NATIONAL INST OF HEALTH	314,935	-
U.S. Dept of Health and Human Services	Direct	93.173	R01DC019098	NATIONAL INST ON DEAFNESS & OTHER COMMUNICATION DISORDERS	246,329	-
U.S. Dept of Health and Human Services	Direct	93.173	R01DC019402	NATIONAL INST OF HEALTH	483,097	229,801
U.S. Dept of Health and Human Services	Direct	93.173	R01DC020165	NATIONAL INST OF HEALTH	546,383	-
U.S. Dept of Health and Human Services	Direct	93.173	R21DC015550	NATIONAL INST ON DEAFNESS & OTHER COMMUNICATION DISORDERS	12,105	-
U.S. Dept of Health and Human Services	Direct	93.173	R21DC020003	NATIONAL INST OF HEALTH	260,979	-
U.S. Dept of Health and Human Services	Direct	93.173	R21DC020003 02S1 03S1	NATIONAL INST OF HEALTH	45,710	-
U.S. Dept of Health and Human Services	Direct	93.185	COVID-19 - 5 NU21P000595-03-00	CENTERS FOR DISEASE CONTROL & PREVENTION	1,517,501	1,081,738
U.S. Dept of Health and Human Services	Direct	93.213	1F30A1012416-01	NATIONAL INST OF HEALTH	4,127	-
U.S. Dept of Health and Human Services	Direct	93.213	1F30A1012416-01	NATIONAL INST OF HEALTH	41,280	-
U.S. Dept of Health and Human Services	Direct	93.213	1UG3A1012521-01	NATIONAL CENTER FOR COMPLEMENTARY AND INTEGRATIVE HEALTH	564,994	41,890
U.S. Dept of Health and Human Services	Direct	93.213	K23A1009458	NATIONAL INST OF HEALTH	11,567	7,121
U.S. Dept of Health and Human Services	Direct	93.213	R00A1009156	NATIONAL INST OF HEALTH	20,085	-
U.S. Dept of Health and Human Services	Direct	93.226	1R13HS029599-01A1	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	6,604	-
U.S. Dept of Health and Human Services	Direct	93.226	R01HS025386	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	128,135	-
U.S. Dept of Health and Human Services	Direct	93.226	R03HS029329	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	30,982	-
U.S. Dept of Health and Human Services	Direct	93.242	1F31MH134532-01A1	NATIONAL INST OF HEALTH	656	-
U.S. Dept of Health and Human Services	Direct	93.242	1F31MH134532-01A1	NATIONAL INST OF HEALTH	3,913	-
U.S. Dept of Health and Human Services	Direct	93.242	1P50MH127512-01A1	NATIONAL INST OF MENTAL HEALTH	242,478	196,097
U.S. Dept of Health and Human Services	Direct	93.242	1P50MH127512-01A1	NATIONAL INST OF MENTAL HEALTH	244,455	244,455
U.S. Dept of Health and Human Services	Direct	93.242	1P50MH127512-01A1	NATIONAL INST OF MENTAL HEALTH	456,617	456,617
U.S. Dept of Health and Human Services	Direct	93.242	1R03MH135347-01	NATIONAL INST OF HEALTH	95,495	-
U.S. Dept of Health and Human Services	Direct	93.242	1R21MH135272-01	NATIONAL INST OF HEALTH	24,893	-
U.S. Dept of Health and Human Services	Direct	93.242	1RF1MH126706-01	NATIONAL INST OF MENTAL HEALTH	791,144	227,966
U.S. Dept of Health and Human Services	Direct	93.242	3UH3MH114249-05S1	NATIONAL INST OF HEALTH	279,002	182,939
U.S. Dept of Health and Human Services	Direct	93.242	5R01MH111715-03S1	NATIONAL INST OF HEALTH	1,772	-
U.S. Dept of Health and Human Services	Direct	93.242	F31MH127814	NATIONAL INST OF HEALTH	426	-
U.S. Dept of Health and Human Services	Direct	93.242	P50MH127512	NATIONAL INST OF MENTAL HEALTH	1,452,584	967,574
U.S. Dept of Health and Human Services	Direct	93.242	R00MH110665	NATIONAL INST OF MENTAL HEALTH	(640)	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH108511	NATIONAL INST OF HEALTH	(40)	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH111276	NATIONAL INST OF HEALTH	(11,228)	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH111604	NATIONAL INST OF HEALTH	593,924	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH111715	NATIONAL INST OF HEALTH	76	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH111715	NATIONAL INST OF HEALTH	102,734	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH114893	NATIONAL INST OF MENTAL HEALTH	284,788	150,536
U.S. Dept of Health and Human Services	Direct	93.242	R01MH118848	NATIONAL INST OF HEALTH	603,051	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH119149	NATIONAL INST OF HEALTH	372,585	12,886
U.S. Dept of Health and Human Services	Direct	93.242	R01MH121417	NATIONAL INST OF HEALTH	508,248	59,429
U.S. Dept of Health and Human Services	Direct	93.242	R01MH122725	NATIONAL INST OF HEALTH	728,752	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH123716	NATIONAL INST OF HEALTH	1,060,040	540,219

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Direct	93.242	R01MH124992	NATIONAL INST OF HEALTH	\$ 601,971	\$ 21,000
U.S. Dept of Health and Human Services	Direct	93.242	R01MH125806	NATIONAL INST OF HEALTH	353,930	24,327
U.S. Dept of Health and Human Services	Direct	93.242	R01MH128196	NATIONAL INST OF MENTAL HEALTH	661,512	9,748
U.S. Dept of Health and Human Services	Direct	93.242	R01MH130544	NATIONAL INST OF HEALTH	514,180	-
U.S. Dept of Health and Human Services	Direct	93.242	R01MH130948	NATIONAL INST OF MENTAL HEALTH	1,254,842	293,975
U.S. Dept of Health and Human Services	Direct	93.242	R01MH135045	NATIONAL INST OF HEALTH	219,455	64,750
U.S. Dept of Health and Human Services	Direct	93.242	R34MH118402	NATIONAL INST OF MENTAL HEALTH	139,537	995
U.S. Dept of Health and Human Services	Direct	93.242	R34MH127061	NATIONAL INST OF HEALTH	187,870	14,588
U.S. Dept of Health and Human Services	Direct	93.242	UG3MH114249	NATIONAL INST OF HEALTH	22,687	-
U.S. Dept of Health and Human Services	Direct	93.242	UH3MH114249	NATIONAL INST OF HEALTH	250,754	101,529
U.S. Dept of Health and Human Services	Direct	93.262	R21OH012384	NATIONAL INST FOR OCCUPATIONAL SAFETY & HEALTH	122,177	-
U.S. Dept of Health and Human Services	Direct	93.273	R01AA026596	NATIONAL INST OF ALCOHOL ABUSE & ALCOHOLISM	596,982	136,826
U.S. Dept of Health and Human Services	Direct	93.273	R01AA028213	NATIONAL INST OF HEALTH	273,088	15,085
U.S. Dept of Health and Human Services	Direct	93.279	R01DA057314-01A1	NATIONAL INST OF HEALTH	222,744	-
U.S. Dept of Health and Human Services	Direct	93.279	K01DA046516	NATIONAL INST ON DRUG ABUSE	150,117	-
U.S. Dept of Health and Human Services	Direct	93.279	R01DA047180	NATIONAL INST OF HEALTH	422,564	-
U.S. Dept of Health and Human Services	Direct	93.279	R01DA053047	NATIONAL INST OF HEALTH	426,403	-
U.S. Dept of Health and Human Services	Direct	93.279	R21DA057418	NATIONAL INST OF HEALTH	207,430	-
U.S. Dept of Health and Human Services	Direct	93.279	R25DA051249	NATIONAL INST OF HEALTH	36,274	20,000
U.S. Dept of Health and Human Services	Direct	93.279	R25DA056910	NATIONAL INST OF HEALTH	198,091	-
U.S. Dept of Health and Human Services	Direct	93.279	R36DA054487	NATIONAL INST ON DRUG ABUSE	(18)	-
U.S. Dept of Health and Human Services	Direct	93.286	R01EB012079	NATIONAL INST OF HEALTH	11,156	-
U.S. Dept of Health and Human Services	Direct	93.286	R01EB029418	NATIONAL INST OF HEALTH	525,737	-
U.S. Dept of Health and Human Services	Direct	93.286	R01EB030565	NATIONAL INST OF HEALTH	485,043	13,459
U.S. Dept of Health and Human Services	Direct	93.286	R03EB033521	NATIONAL INST OF HEALTH	36,448	-
U.S. Dept of Health and Human Services	Direct	93.286	R21EB030762	NATIONAL INST OF HEALTH	236,606	110,886
U.S. Dept of Health and Human Services	Direct	93.286	R21EB033554	NATIONAL INST OF HEALTH	262,291	109,567
U.S. Dept of Health and Human Services	Direct	93.286	R21EB32110	NATIONAL INST OF HEALTH	(4,310)	-
U.S. Dept of Health and Human Services	Direct	93.286	U24EB028990	NATIONAL INST OF HEALTH	22,017	-
U.S. Dept of Health and Human Services	Direct	93.286	U24EB028990	NATIONAL INST OF HEALTH	280,632	36,033
U.S. Dept of Health and Human Services	Direct	93.307	3R01MD016003-02S1	NATIONAL INST OF HEALTH	16,312	-
U.S. Dept of Health and Human Services	Direct	93.307	K01MD015079	NATIONAL INST ON MINORITY HEALTH & HEALTH DISPARITIES	164,929	-
U.S. Dept of Health and Human Services	Direct	93.307	R01MD015763	NATIONAL INST OF HEALTH	374,138	262,918
U.S. Dept of Health and Human Services	Direct	93.307	R01MD016003	NATIONAL INST OF HEALTH	551,608	196,026
U.S. Dept of Health and Human Services	Direct	93.307	R01MD018051	NATIONAL INST OF HEALTH	739,590	396,364
U.S. Dept of Health and Human Services	Direct	93.307	R01MD018523	NATIONAL INST OF HEALTH	361,247	89,205
U.S. Dept of Health and Human Services	Direct	93.307	R21MD015909	NATIONAL INST OF HEALTH	87	-
U.S. Dept of Health and Human Services	Direct	93.307	U54MD011227	NATIONAL INST ON MINORITY HEALTH & HEALTH DISPARITIES	(212)	-
U.S. Dept of Health and Human Services	Direct	93.310	2UG3OD023285-08	NATIONAL INST OF HEALTH	76,554	-
U.S. Dept of Health and Human Services	Direct	93.310	2UG3OD023285-08	NATIONAL INST OF HEALTH	2,279,071	342,202
U.S. Dept of Health and Human Services	Direct	93.310	3UH3OD023285 06S1 07S1	NATIONAL INST OF HEALTH	29,542	-
U.S. Dept of Health and Human Services	Direct	93.310	UH3OD023285	NATIONAL INST OF HEALTH	6,384	-
U.S. Dept of Health and Human Services	Direct	93.310	UH3OD023285	NATIONAL INST OF HEALTH	7,000	7,000
U.S. Dept of Health and Human Services	Direct	93.310	UH3OD023285	NATIONAL INST OF HEALTH	25,373	-
U.S. Dept of Health and Human Services	Direct	93.310	UH3OD023285	NATIONAL INST OF HEALTH	876,537	537,705
U.S. Dept of Health and Human Services	Direct	93.351	2T35OD016477-21A1	NATIONAL INST OF HEALTH	97,971	-
U.S. Dept of Health and Human Services	Direct	93.351	3R24OD034058-01S1	NATIONAL INST OF HEALTH	235,995	-
U.S. Dept of Health and Human Services	Direct	93.351	R24OD034058	NATIONAL INST OF HEALTH	560,523	36,030
U.S. Dept of Health and Human Services	Direct	93.352	1C06OD032003-01	NATIONAL INST OF HEALTH	1,717,844	-
U.S. Dept of Health and Human Services	Direct	93.361	1R21NR020828-01	NATIONAL INST OF NURSING RESEARCH	144,056	19,244
U.S. Dept of Health and Human Services	Direct	93.361	R00NR017191	NATIONAL INST OF HEALTH	28,921	-
U.S. Dept of Health and Human Services	Direct	93.361	R01NR014484	NATIONAL INST OF HEALTH	405,267	155,881
U.S. Dept of Health and Human Services	Direct	93.361	R01NR017626	NATIONAL INST OF HEALTH	1	-
U.S. Dept of Health and Human Services	Direct	93.361	R01NR017626	NATIONAL INST OF HEALTH	28,998	28,460
U.S. Dept of Health and Human Services	Direct	93.361	R21NR017958	NATIONAL INST OF NURSING RESEARCH	16,421	-
U.S. Dept of Health and Human Services	Direct	93.368	1OT2OD036429-01	NATIONAL INST OF HEALTH	9,961,008	6,736,965
U.S. Dept of Health and Human Services	Direct	93.393	1R01CA225105-02S1	NATIONAL INST OF HEALTH	60,282	-
U.S. Dept of Health and Human Services	Direct	93.393	1R03CA286646-01	NATIONAL INST OF HEALTH	26,604	-
U.S. Dept of Health and Human Services	Direct	93.393	K00CA245821	NATIONAL CANCER INST	95,700	-
U.S. Dept of Health and Human Services	Direct	93.393	R01CA225105	NATIONAL INST OF HEALTH	362,608	-
U.S. Dept of Health and Human Services	Direct	93.393	R01CA226690	NATIONAL INST OF HEALTH	41,113	-
U.S. Dept of Health and Human Services	Direct	93.393	R01CA258314	NATIONAL INST OF HEALTH	481,648	-
U.S. Dept of Health and Human Services	Direct	93.393	R01CA279472	NATIONAL CANCER INST	476,753	297,529
U.S. Dept of Health and Human Services	Direct	93.393	R37CA289076	NATIONAL INST OF HEALTH	444,339	-
U.S. Dept of Health and Human Services	Direct	93.394	COVID-19 - 3U01CA260469-02S1	NATIONAL INST OF HEALTH	442,401	-
U.S. Dept of Health and Human Services	Direct	93.394	COVID-19 - 4U01CA260469-02	NATIONAL INST OF HEALTH	139,244	21,628
U.S. Dept of Health and Human Services	Direct	93.394	R01CA239187	NATIONAL INST OF HEALTH	519,259	39,506
U.S. Dept of Health and Human Services	Direct	93.394	COVID-19 - U01CA260469	NATIONAL INST OF HEALTH	14	-
U.S. Dept of Health and Human Services	Direct	93.395	R01CA221771	NATIONAL CANCER INST	325,520	29,261
U.S. Dept of Health and Human Services	Direct	93.395	R01CA244491	NATIONAL INST OF HEALTH	453,225	-
U.S. Dept of Health and Human Services	Direct	93.395	R01CA261691	NATIONAL INST OF HEALTH	551,105	-
U.S. Dept of Health and Human Services	Direct	93.395	R21CA245343	NATIONAL CANCER INST	109,298	22,308
U.S. Dept of Health and Human Services	Direct	93.395	R21CA263133	NATIONAL CANCER INST	85,943	-
U.S. Dept of Health and Human Services	Direct	93.395	R21CA270588	NATIONAL INST OF HEALTH	237,393	-
U.S. Dept of Health and Human Services	Direct	93.396	1F31CA271689-01A1	NATIONAL INST OF HEALTH	4,613	-
U.S. Dept of Health and Human Services	Direct	93.396	1F31CA271689-01A1	NATIONAL INST OF HEALTH	25,025	-
U.S. Dept of Health and Human Services	Direct	93.396	1R01CA284740-01	NATIONAL CANCER INST	180,637	-
U.S. Dept of Health and Human Services	Direct	93.396	R01CA247863	NATIONAL INST OF HEALTH	437,113	175,449
U.S. Dept of Health and Human Services	Direct	93.396	R01CA270136	NATIONAL INST OF HEALTH	432,982	-
U.S. Dept of Health and Human Services	Direct	93.398	1F31CA275239-01A1	NATIONAL INST OF HEALTH	3,732	-
U.S. Dept of Health and Human Services	Direct	93.398	1F31CA275239-01A1	NATIONAL INST OF HEALTH	34,970	-
U.S. Dept of Health and Human Services	Direct	93.398	R26CA254946	NATIONAL INST OF HEALTH	179,975	-
U.S. Dept of Health and Human Services	Direct	93.399	1UG1CA287007-01	NATIONAL CANCER INST	21,121	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	165,257	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	313,757	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	354,683	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	362,468	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	364,228	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	415,222	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	488,493	-
U.S. Dept of Health and Human Services	Direct	93.837	1P01HL152951-01A1	NATIONAL INST OF HEALTH	662,901	-
U.S. Dept of Health and Human Services	Direct	93.837	1R01HL164575-01A1	NATIONAL INST OF HEALTH	116,368	-
U.S. Dept of Health and Human Services	Direct	93.837	1R56HL164575-01	NATIONAL INST OF HEALTH	373,935	-
U.S. Dept of Health and Human Services	Direct	93.837	3R25HL103156-12S1	NATIONAL INST OF HEALTH	12,683	-
U.S. Dept of Health and Human Services	Direct	93.837	7R01HL167133-02	NATIONAL HEART LUNG & BLOOD INST	291,645	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Direct	93.837	F31HL152623	NATIONAL INST OF HEALTH	\$ (9,701)	\$ -
U.S. Dept of Health and Human Services	Direct	93.837	P01HL152951	NATIONAL INST OF HEALTH	(1,258)	-
U.S. Dept of Health and Human Services	Direct	93.837	R01HL137694	NATIONAL INST OF HEALTH	(5,006)	-
U.S. Dept of Health and Human Services	Direct	93.837	R01HL149777	NATIONAL INST OF HEALTH	784,896	5,737
U.S. Dept of Health and Human Services	Direct	93.837	R01HL151413	NATIONAL INST OF HEALTH	312,958	-
U.S. Dept of Health and Human Services	Direct	93.837	R01HL151505	NATIONAL INST OF HEALTH	588,399	-
U.S. Dept of Health and Human Services	Direct	93.837	R25HL103156	NATIONAL INST OF HEALTH	128,804	-
U.S. Dept of Health and Human Services	Direct	93.837	R25HL140319	NATIONAL HEART LUNG & BLOOD INST	64,533	-
U.S. Dept of Health and Human Services	Direct	93.837	R33HL144896	NATIONAL HEART LUNG & BLOOD INST	717,900	39,842
U.S. Dept of Health and Human Services	Direct	93.838	R01HL153165	NATIONAL INST OF HEALTH	626,291	124,408
U.S. Dept of Health and Human Services	Direct	93.839	R01HL156440	NATIONAL INST OF HEALTH	551,186	84,810
U.S. Dept of Health and Human Services	Direct	93.846	1R01AR083086-01	NATIONAL INST OF HEALTH	362,374	13,476
U.S. Dept of Health and Human Services	Direct	93.846	3K01AR081389-02S1	NATIONAL INST OF HEALTH	53,008	-
U.S. Dept of Health and Human Services	Direct	93.846	7K01AR073340-07	NATIONAL INST OF HEALTH	32,631	-
U.S. Dept of Health and Human Services	Direct	93.846	K01AR081389	NATIONAL INST OF HEALTH	111,208	-
U.S. Dept of Health and Human Services	Direct	93.846	R01AR078781	NATIONAL INST OF HEALTH	439,341	15,455
U.S. Dept of Health and Human Services	Direct	93.846	U01AR075470	NATIONAL INST OF HEALTH	144,190	-
U.S. Dept of Health and Human Services	Direct	93.847	1F31DK134157-01	NATIONAL INST OF HEALTH	3,025	-
U.S. Dept of Health and Human Services	Direct	93.847	1R01DK135696-01A1	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	20,883	-
U.S. Dept of Health and Human Services	Direct	93.847	1R01DK135696-01A1	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	193,530	-
U.S. Dept of Health and Human Services	Direct	93.847	1R01DK135970-01A1	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	113,875	-
U.S. Dept of Health and Human Services	Direct	93.847	1R01DK135970-01A1	NATIONAL INST OF HEALTH	5,228	-
U.S. Dept of Health and Human Services	Direct	93.847	1R01DK136843-01A1	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	72,611	-
U.S. Dept of Health and Human Services	Direct	93.847	2R01DK103808-10	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	24,854	-
U.S. Dept of Health and Human Services	Direct	93.847	2R01DK120862-05A1	NATIONAL INST OF HEALTH	51,248	-
U.S. Dept of Health and Human Services	Direct	93.847	3R01DK121272-03S1	NATIONAL INST OF HEALTH	(29,257)	-
U.S. Dept of Health and Human Services	Direct	93.847	4R00DK129785-03	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	51,876	-
U.S. Dept of Health and Human Services	Direct	93.847	5R01DK111475-04	NATIONAL INST OF HEALTH	2,332	-
U.S. Dept of Health and Human Services	Direct	93.847	F31DK134157	NATIONAL INST OF HEALTH	24,310	-
U.S. Dept of Health and Human Services	Direct	93.847	R01DK103723	NATIONAL INST OF HEALTH	462,459	-
U.S. Dept of Health and Human Services	Direct	93.847	R01DK103808	NATIONAL INST OF HEALTH	159,083	-
U.S. Dept of Health and Human Services	Direct	93.847	R01DK119615	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	40	-
U.S. Dept of Health and Human Services	Direct	93.847	R01DK119615	NATIONAL INST OF HEALTH	314,430	173,593
U.S. Dept of Health and Human Services	Direct	93.847	R01DK120289	NATIONAL INST OF HEALTH	444,392	137,550
U.S. Dept of Health and Human Services	Direct	93.847	R01DK120862	NATIONAL INST OF HEALTH	130,073	95,465
U.S. Dept of Health and Human Services	Direct	93.847	R01DK121272	NATIONAL INST OF HEALTH	278,749	5,056
U.S. Dept of Health and Human Services	Direct	93.847	R01DK122813	NATIONAL INST OF HEALTH	359,855	94,944
U.S. Dept of Health and Human Services	Direct	93.847	R01DK131417	NATIONAL INST OF HEALTH	325,993	37,267
U.S. Dept of Health and Human Services	Direct	93.847	R01DK135054	NATIONAL INST OF HEALTH	253,153	22,546
U.S. Dept of Health and Human Services	Direct	93.847	R01DK135649	NATIONAL INST OF HEALTH	376,363	91,419
U.S. Dept of Health and Human Services	Direct	93.847	R01DK136733	NATIONAL INST OF HEALTH	250,757	35,652
U.S. Dept of Health and Human Services	Direct	93.853	1F99NS129171-01A1	NATIONAL INST OF HEALTH	5,746	-
U.S. Dept of Health and Human Services	Direct	93.853	1R01NS107451-01A1S1	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	15,170	-
U.S. Dept of Health and Human Services	Direct	93.853	1R03NS127192-01A1	NATIONAL INST OF HEALTH	101,336	-
U.S. Dept of Health and Human Services	Direct	93.853	1R21NS116496-01	NATIONAL INST OF HEALTH	(6,651)	-
U.S. Dept of Health and Human Services	Direct	93.853	1R21NS123629-01A1	NATIONAL INST OF HEALTH	255,234	49,298
U.S. Dept of Health and Human Services	Direct	93.853	1R21NS130159-01	NATIONAL INST OF HEALTH	196,893	-
U.S. Dept of Health and Human Services	Direct	93.853	1RF1NS128611-01	NATIONAL INST OF HEALTH	571,737	307,923
U.S. Dept of Health and Human Services	Direct	93.853	2R01NS105888-06A1	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	39,854	-
U.S. Dept of Health and Human Services	Direct	93.853	3R01NS122510-04S2	NATIONAL INST OF HEALTH	22,310	11,398
U.S. Dept of Health and Human Services	Direct	93.853	3R21NS123629-01A1S1	NATIONAL INST OF HEALTH	77,692	-
U.S. Dept of Health and Human Services	Direct	93.853	4R3NS111347-03	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	119,624	-
U.S. Dept of Health and Human Services	Direct	93.853	5R00NS096108-04	NATIONAL INST OF HEALTH	(276)	-
U.S. Dept of Health and Human Services	Direct	93.853	F31NS124244	NATIONAL INST OF HEALTH	6,918	-
U.S. Dept of Health and Human Services	Direct	93.853	F31NS124244	NATIONAL INST OF HEALTH	32,603	-
U.S. Dept of Health and Human Services	Direct	93.853	F99NS129171	NATIONAL INST OF HEALTH	21,111	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS098231	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	(1,550)	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS104308	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	669	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS105828	NATIONAL INST OF HEALTH	122,754	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS105888	NATIONAL INST OF HEALTH	19,644	63,348
U.S. Dept of Health and Human Services	Direct	93.853	R01NS107451	NATIONAL INST OF HEALTH	187,754	10,634
U.S. Dept of Health and Human Services	Direct	93.853	R01NS110398	NATIONAL INST OF HEALTH	217,804	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS116080	NATIONAL INST OF HEALTH	575,139	341,417
U.S. Dept of Health and Human Services	Direct	93.853	R01NS117636	NATIONAL INST OF HEALTH	305,695	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS121259	NATIONAL INST OF HEALTH	587,737	20,794
U.S. Dept of Health and Human Services	Direct	93.853	R01NS122510	NATIONAL INST OF HEALTH	590,789	340,122
U.S. Dept of Health and Human Services	Direct	93.853	R01NS122510 03S2 04S1	NATIONAL INST OF HEALTH	68,524	-
U.S. Dept of Health and Human Services	Direct	93.853	R01NS130919	NATIONAL INST OF HEALTH	133,841	-
U.S. Dept of Health and Human Services	Direct	93.853	R21NS121393	NATIONAL INST OF HEALTH	50,568	-
U.S. Dept of Health and Human Services	Direct	93.853	R21NS131744	NATIONAL INST OF HEALTH	150,586	-
U.S. Dept of Health and Human Services	Direct	93.853	R25NS090989	NATIONAL INST OF HEALTH	327,020	-
U.S. Dept of Health and Human Services	Direct	93.853	R56NS117549	NATIONAL INST OF HEALTH	131,299	14,641
U.S. Dept of Health and Human Services	Direct	93.853	R61NS111347	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	(42,752)	-
U.S. Dept of Health and Human Services	Direct	93.853	UF1NS115817	NATIONAL INST OF HEALTH	246,618	24,612
U.S. Dept of Health and Human Services	Direct	93.855	1F32AH174818-01A1	NATIONAL INST OF HEALTH	12,200	-
U.S. Dept of Health and Human Services	Direct	93.855	1F32AH174818-01A1	NATIONAL INST OF HEALTH	45,030	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH47634-01	NATIONAL INST OF HEALTH	320,758	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH73285-01A1	NATIONAL INST OF HEALTH	14,805	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH73285-01A1	NATIONAL INST OF HEALTH	81,457	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH73285-01A1	NATIONAL INST OF HEALTH	340,341	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH82098-01	NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES	729	-
U.S. Dept of Health and Human Services	Direct	93.855	1R01AH7305-01	NATIONAL INST OF HEALTH	31,319	14,892
U.S. Dept of Health and Human Services	Direct	93.855	1R21AH74001-01	NATIONAL INST OF HEALTH	170,639	-
U.S. Dept of Health and Human Services	Direct	93.855	1R56AH150301-01A1	NATIONAL INST OF HEALTH	29,644	-
U.S. Dept of Health and Human Services	Direct	93.855	5U19AD89883-13	NATIONAL INST OF HEALTH	618,629	533,690
U.S. Dept of Health and Human Services	Direct	93.855	R01AD47153 (P)	NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES	109,438	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI121178	NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES	30,434	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI139039	NATIONAL INST OF HEALTH	270,834	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI139074	NATIONAL INST OF HEALTH	528,199	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI145925	NATIONAL INST OF HEALTH	431,049	47,291
U.S. Dept of Health and Human Services	Direct	93.855	R01AI146210	NATIONAL INST OF HEALTH	301,899	97,319
U.S. Dept of Health and Human Services	Direct	93.855	R01AI147634	NATIONAL INST OF HEALTH	171,614	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI150855	NATIONAL INST OF HEALTH	37,550	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI150855	NATIONAL INST OF HEALTH	111,593	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Direct	93.855	R01AI150855	NATIONAL INST OF HEALTH	\$ 193,190	\$ -
U.S. Dept of Health and Human Services	Direct	93.855	R01AI150855	NATIONAL INST OF HEALTH	460,957	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI155775	NATIONAL INST OF HEALTH	440,286	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI158433	NATIONAL INST OF HEALTH	748,308	286,244
U.S. Dept of Health and Human Services	Direct	93.855	R01AI164266	NATIONAL INST OF HEALTH	347,803	241,302
U.S. Dept of Health and Human Services	Direct	93.855	R01AI165595	NATIONAL INST OF HEALTH	625,823	515,856
U.S. Dept of Health and Human Services	Direct	93.855	R01AI165618	NATIONAL INST OF HEALTH	530,450	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI168014	NATIONAL INST OF HEALTH	919,851	-
U.S. Dept of Health and Human Services	Direct	93.855	R01AI173270	NATIONAL INST OF HEALTH	447,540	31,406
U.S. Dept of Health and Human Services	Direct	93.855	R01AI173285	NATIONAL INST OF HEALTH	191,580	-
U.S. Dept of Health and Human Services	Direct	93.855	R03AI178255	NATIONAL INST OF HEALTH	66,276	-
U.S. Dept of Health and Human Services	Direct	93.855	R21AI142173	NATIONAL INST OF HEALTH	1	-
U.S. Dept of Health and Human Services	Direct	93.855	R21AI148909	NATIONAL INST OF HEALTH	(2)	-
U.S. Dept of Health and Human Services	Direct	93.855	R21AI152554	NATIONAL INST OF HEALTH	67,358	-
U.S. Dept of Health and Human Services	Direct	93.855	COVID-19 - R21AI159928	NATIONAL INST OF HEALTH	118,575	-
U.S. Dept of Health and Human Services	Direct	93.855	R21AI180600	NATIONAL INST OF HEALTH	99,551	-
U.S. Dept of Health and Human Services	Direct	93.855	U01AI126610	NATIONAL INST OF HEALTH	607,389	500,775
U.S. Dept of Health and Human Services	Direct	93.855	U19AD89683	NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES	1,013,036	855,276
U.S. Dept of Health and Human Services	Direct	93.859	1K99GM149942-01A1	NATIONAL INST OF HEALTH	69,029	-
U.S. Dept of Health and Human Services	Direct	93.859	1R01GM145700-01	NATIONAL INST OF HEALTH	94,745	-
U.S. Dept of Health and Human Services	Direct	93.859	1R21GM154180-01	NATIONAL INST OF GENERAL MEDICAL SCIENCES	10,941	-
U.S. Dept of Health and Human Services	Direct	93.859	1R21GM154180-01	NATIONAL INST OF HEALTH	35,113	-
U.S. Dept of Health and Human Services	Direct	93.859	1R35GM148196-01	NATIONAL INST OF HEALTH	46,496	-
U.S. Dept of Health and Human Services	Direct	93.859	1R35GM149261-01	NATIONAL INST OF HEALTH	117,995	-
U.S. Dept of Health and Human Services	Direct	93.859	2T32GM110523-06	NATIONAL INST OF HEALTH	160,390	-
U.S. Dept of Health and Human Services	Direct	93.859	3R01GM134307-05S1	NATIONAL INST OF HEALTH	256,321	-
U.S. Dept of Health and Human Services	Direct	93.859	3R01GM141354-03S1	NATIONAL INST OF HEALTH	155,054	-
U.S. Dept of Health and Human Services	Direct	93.859	3R01GM145700-02S1	NATIONAL INST OF HEALTH	25,951	-
U.S. Dept of Health and Human Services	Direct	93.859	3R01GM146587-01S1	NATIONAL INST OF HEALTH	58,451	-
U.S. Dept of Health and Human Services	Direct	93.859	3R01GM146587-02S1	NATIONAL INST OF HEALTH	103,429	-
U.S. Dept of Health and Human Services	Direct	93.859	3R25GM132964-04S1	NATIONAL INST OF HEALTH	124,466	-
U.S. Dept of Health and Human Services	Direct	93.859	3R35GM146993-01S1	NATIONAL INST OF GENERAL MEDICAL SCIENCES	21,594	-
U.S. Dept of Health and Human Services	Direct	93.859	5T32GM110523-03	NATIONAL INST OF HEALTH	6,717	-
U.S. Dept of Health and Human Services	Direct	93.859	5T32GM110523-09	NATIONAL INST OF HEALTH	96,235	-
U.S. Dept of Health and Human Services	Direct	93.859	7R01GM140290-04	NATIONAL INST OF HEALTH	157,401	-
U.S. Dept of Health and Human Services	Direct	93.859	DP2GM142307	NATIONAL INST OF HEALTH	417,350	-
U.S. Dept of Health and Human Services	Direct	93.859	F32GM139292	NATIONAL INST OF HEALTH	5,150	-
U.S. Dept of Health and Human Services	Direct	93.859	F32GM139292	NATIONAL INST OF HEALTH	6,674	-
U.S. Dept of Health and Human Services	Direct	93.859	F32GM141017	NATIONAL INST OF HEALTH	4,792	-
U.S. Dept of Health and Human Services	Direct	93.859	F32GM141017	NATIONAL INST OF HEALTH	14,181	-
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	12	-
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	28,297	28,297
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	93,841	18,392
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	113,659	(19)
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	194,548	194,548
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	241,396	241,396
U.S. Dept of Health and Human Services	Direct	93.859	P41GM135018	NATIONAL INST OF HEALTH	287,681	-
U.S. Dept of Health and Human Services	Direct	93.859	R00GM145910	NATIONAL INST OF GENERAL MEDICAL SCIENCES	194,991	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM043585	NATIONAL INST OF HEALTH	129,601	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM072667	NATIONAL INST OF HEALTH	185,899	46,757
U.S. Dept of Health and Human Services	Direct	93.859	R01GM072667-14S1	NATIONAL INST OF HEALTH	(4,202)	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM101353	NATIONAL INST OF HEALTH	151,189	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM115459	NATIONAL INST OF HEALTH	111,297	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM115848	NATIONAL INST OF HEALTH	362,197	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM121499	NATIONAL INST OF HEALTH	(1,496)	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM125743	NATIONAL INST OF HEALTH	(26,350)	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM125991	NATIONAL INST OF HEALTH	(5,171)	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM125991	NATIONAL INST OF HEALTH	141,656	5,571
U.S. Dept of Health and Human Services	Direct	93.859	R01GM127431	NATIONAL INST OF HEALTH	141,253	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM128959	NATIONAL INST OF HEALTH	8,397	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM128959	NATIONAL INST OF HEALTH	30,939	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM128959	NATIONAL INST OF HEALTH	45,842	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM128959	NATIONAL INST OF HEALTH	272,744	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM130641	NATIONAL INST OF HEALTH	142,697	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM130794	NATIONAL INST OF HEALTH	342,745	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM131398	NATIONAL INST OF HEALTH	8,679	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM131398	NATIONAL INST OF HEALTH	91,707	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM132490	NATIONAL INST OF HEALTH	256,149	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM134307	NATIONAL INST OF HEALTH	7,105	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM134307	NATIONAL INST OF HEALTH	448,202	92,026
U.S. Dept of Health and Human Services	Direct	93.859	R01GM135929	NATIONAL INST OF HEALTH	189,825	145,355
U.S. Dept of Health and Human Services	Direct	93.859	R01GM138423	NATIONAL INST OF HEALTH	22,187	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM138423	NATIONAL INST OF HEALTH	381,499	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM141354	NATIONAL INST OF HEALTH	328,667	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM145700	NATIONAL INST OF HEALTH	229,240	-
U.S. Dept of Health and Human Services	Direct	93.859	R01GM146587	NATIONAL INST OF HEALTH	351,897	-
U.S. Dept of Health and Human Services	Direct	93.859	R21GM139881	NATIONAL INST OF HEALTH	36,109	-
U.S. Dept of Health and Human Services	Direct	93.859	R25GM132964	NATIONAL INST OF HEALTH	225,658	-
U.S. Dept of Health and Human Services	Direct	93.859	R25GM135058	NATIONAL INST OF HEALTH	50,771	-
U.S. Dept of Health and Human Services	Direct	93.859	R25GM135058	NATIONAL INST OF HEALTH	449,239	92,668
U.S. Dept of Health and Human Services	Direct	93.859	R35GM126948	NATIONAL INST OF HEALTH	104,364	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM131759	NATIONAL INST OF HEALTH	220,932	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM131762	NATIONAL INST OF HEALTH	10,729	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM131762	NATIONAL INST OF HEALTH	394,271	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM131762-03S1	NATIONAL INST OF HEALTH	1,400	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM136263	NATIONAL INST OF HEALTH	441,666	117,901
U.S. Dept of Health and Human Services	Direct	93.859	R35GM136637	NATIONAL INST OF HEALTH	16,335	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM136637	NATIONAL INST OF HEALTH	347,035	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM139537	NATIONAL INST OF HEALTH	58,058	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM139537	NATIONAL INST OF HEALTH	416,985	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM140803	NATIONAL INST OF HEALTH	399,834	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM140931	NATIONAL INST OF HEALTH	466,089	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM142829	NATIONAL INST OF HEALTH	508,255	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM144146	NATIONAL INST OF GENERAL MEDICAL SCIENCES	335,947	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM146721	NATIONAL INST OF HEALTH	544,859	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Direct	93.859	R35GM146795	NATIONAL INST OF HEALTH	\$ 419,591	\$ -
U.S. Dept of Health and Human Services	Direct	93.859	R35GM146983	NATIONAL INST OF GENERAL MEDICAL SCIENCES	419,420	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM147522	NATIONAL INST OF HEALTH	359,684	-
U.S. Dept of Health and Human Services	Direct	93.859	R35GM150478	NATIONAL INST OF GENERAL MEDICAL SCIENCES	101,765	-
U.S. Dept of Health and Human Services	Direct	93.865	1F31HD107923-01	NATIONAL INST OF HEALTH	2,550	-
U.S. Dept of Health and Human Services	Direct	93.865	1F31HD111273-01	NATIONAL INST OF HEALTH	4,997	-
U.S. Dept of Health and Human Services	Direct	93.865	1F32HD107852-01A1	NATIONAL INST OF HEALTH	(7,706)	-
U.S. Dept of Health and Human Services	Direct	93.865	1F32HD107852-01A1	NATIONAL INST OF HEALTH	11,859	-
U.S. Dept of Health and Human Services	Direct	93.865	1R01HD112344-01	NATIONAL INST OF HEALTH	88,967	-
U.S. Dept of Health and Human Services	Direct	93.865	1R21HD112101-01A1	NATIONAL INST OF HEALTH	206,858	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	37,702	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	60,366	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	72,113	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	87,036	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	330,944	-
U.S. Dept of Health and Human Services	Direct	93.865	1U54HD113291-01	NATIONAL INST OF HEALTH	346,802	98,162
U.S. Dept of Health and Human Services	Direct	93.865	2T32HD087166-06A1	NATIONAL INST OF HEALTH	82,849	-
U.S. Dept of Health and Human Services	Direct	93.865	3R01HD094842-05S1	NATIONAL INST OF HEALTH	48,503	48,503
U.S. Dept of Health and Human Services	Direct	93.865	3R01HD102319-02S1	NATIONAL INST OF HEALTH	128,610	40,654
U.S. Dept of Health and Human Services	Direct	93.865	5T32HD087166-07	NATIONAL INST OF HEALTH	2,500	-
U.S. Dept of Health and Human Services	Direct	93.865	5T32HD087166-07	NATIONAL INST OF HEALTH	122,237	-
U.S. Dept of Health and Human Services	Direct	93.865	F31HD102094	NATIONAL INST OF HEALTH	4,028	-
U.S. Dept of Health and Human Services	Direct	93.865	F31HD105410	NATIONAL INST OF HEALTH	5,711	-
U.S. Dept of Health and Human Services	Direct	93.865	F31HD107923	NATIONAL INST OF HEALTH	16,993	-
U.S. Dept of Health and Human Services	Direct	93.865	F31HD111273	NATIONAL INST OF HEALTH	22,971	-
U.S. Dept of Health and Human Services	Direct	93.865	K99HD110604	NATIONAL INST OF HEALTH	113,830	-
U.S. Dept of Health and Human Services	Direct	93.865	R00HD084759 (P)	NATIONAL INST OF HEALTH	3	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD072968	NATIONAL INST OF HEALTH	165,453	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD084494	NATIONAL INST OF HEALTH	222,549	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD093334	NATIONAL INST OF HEALTH	258,278	162,789
U.S. Dept of Health and Human Services	Direct	93.865	R01HD094842	NATIONAL INST OF HEALTH	76,183	76,183
U.S. Dept of Health and Human Services	Direct	93.865	R01HD094842	NATIONAL INST OF HEALTH	323,168	126,486
U.S. Dept of Health and Human Services	Direct	93.865	R01HD095371	NATIONAL INST OF HEALTH	88,411	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD095951	NATIONAL INST OF HEALTH	384,554	76,765
U.S. Dept of Health and Human Services	Direct	93.865	R01HD096033	NATIONAL INST OF HEALTH	592,935	473,135
U.S. Dept of Health and Human Services	Direct	93.865	R01HD096259	NATIONAL INST OF HEALTH	413,125	57,015
U.S. Dept of Health and Human Services	Direct	93.865	R01HD098027	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	499,014	219,237
U.S. Dept of Health and Human Services	Direct	93.865	R01HD098027	NATIONAL INST OF HEALTH	302,446	182,586
U.S. Dept of Health and Human Services	Direct	93.865	R01HD099090	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	812,180	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD100469	NATIONAL INST OF HEALTH	751,792	323,580
U.S. Dept of Health and Human Services	Direct	93.865	R01HD100471	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	775,824	81,323
U.S. Dept of Health and Human Services	Direct	93.865	R01HD100832	NATIONAL INST OF HEALTH	536,507	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD102319	NATIONAL INST OF HEALTH	430,228	137,192
U.S. Dept of Health and Human Services	Direct	93.865	R01HD102527	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	197,812	5,890
U.S. Dept of Health and Human Services	Direct	93.865	R01HD103617	NATIONAL INST OF HEALTH	372,545	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD104297	NATIONAL INST OF HEALTH	510,780	226,218
U.S. Dept of Health and Human Services	Direct	93.865	R01HD104606	NATIONAL INST OF HEALTH	664,243	-
U.S. Dept of Health and Human Services	Direct	93.865	R01HD107019	NATIONAL INST OF HEALTH	617,517	165,421
U.S. Dept of Health and Human Services	Direct	93.865	R01HD108722	NATIONAL INST OF HEALTH	549,374	53,966
U.S. Dept of Health and Human Services	Direct	93.865	R01HD108895	NATIONAL INST OF HEALTH	782,555	414,866
U.S. Dept of Health and Human Services	Direct	93.865	R01HD109152	NATIONAL INST OF HEALTH	458,960	53,683
U.S. Dept of Health and Human Services	Direct	93.865	R01HD110500	NATIONAL INST OF HEALTH	640,599	361,823
U.S. Dept of Health and Human Services	Direct	93.865	R03HD100775	NATIONAL INST OF HEALTH	126	126
U.S. Dept of Health and Human Services	Direct	93.865	R03HD101654	NATIONAL INST OF HEALTH	27,577	-
U.S. Dept of Health and Human Services	Direct	93.865	R03HD103493	NATIONAL INST OF HEALTH	946	-
U.S. Dept of Health and Human Services	Direct	93.865	R21HD099514	NATIONAL INST OF HEALTH	60,942	5,765
U.S. Dept of Health and Human Services	Direct	93.865	R21HD100959	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	(49)	-
U.S. Dept of Health and Human Services	Direct	93.865	R21HD102907	NATIONAL INST OF HEALTH	13,890	-
U.S. Dept of Health and Human Services	Direct	93.865	R21HD109368	NATIONAL INST OF HEALTH	222,731	6,682
U.S. Dept of Health and Human Services	Direct	93.865	R33HD103039	NATIONAL INST OF HEALTH	140,198	86,850
U.S. Dept of Health and Human Services	Direct	93.866	1F31AG074521-01A1	NATIONAL INST OF HEALTH	2,275	-
U.S. Dept of Health and Human Services	Direct	93.866	1R01AG080186-01	NATIONAL INST OF HEALTH	73,610	-
U.S. Dept of Health and Human Services	Direct	93.866	1R01AG080186-01	NATIONAL INST OF HEALTH	247,120	-
U.S. Dept of Health and Human Services	Direct	93.866	1R21AG075795-01	NATIONAL INST OF HEALTH	199,544	-
U.S. Dept of Health and Human Services	Direct	93.866	1R21AG076994-01	NATIONAL INST OF HEALTH	64,478	-
U.S. Dept of Health and Human Services	Direct	93.866	1R21AG087595-01	NATIONAL INST OF HEALTH	18,497	-
U.S. Dept of Health and Human Services	Direct	93.866	1R56AG075803-01A1	NATIONAL INST ON AGING	192,555	109,652
U.S. Dept of Health and Human Services	Direct	93.866	1RF1AG073189-01	NATIONAL INST OF HEALTH	545,816	138,118
U.S. Dept of Health and Human Services	Direct	93.866	1RF1AG077475-01	NATIONAL INST OF HEALTH	264,850	-
U.S. Dept of Health and Human Services	Direct	93.866	3R01AG066223-03S1	NATIONAL INST OF HEALTH	(1,996)	-
U.S. Dept of Health and Human Services	Direct	93.866	3R01AG066223-04S2	NATIONAL INST OF HEALTH	12,770	-
U.S. Dept of Health and Human Services	Direct	93.866	3RF1AG072449-01S1	NATIONAL INST OF HEALTH	81,916	-
U.S. Dept of Health and Human Services	Direct	93.866	F31AG074521	NATIONAL INST OF HEALTH	15,511	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG051500	NATIONAL INST OF HEALTH	21,718	21,718
U.S. Dept of Health and Human Services	Direct	93.866	R01AG060731	NATIONAL INST OF HEALTH	385,392	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG061118	NATIONAL INST OF HEALTH	24,959	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG062217	NATIONAL INST OF HEALTH	86,409	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG062435	NATIONAL INST OF HEALTH	191,941	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG066223	NATIONAL INST OF HEALTH	(63)	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG066223	NATIONAL INST OF HEALTH	186	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG066223	NATIONAL INST OF HEALTH	11,140	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG066223	NATIONAL INST OF HEALTH	12,266	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG067762	NATIONAL INST OF HEALTH	690,303	-
U.S. Dept of Health and Human Services	Direct	93.866	R01AG071517	NATIONAL INST OF HEALTH	536,981	121,865
U.S. Dept of Health and Human Services	Direct	93.866	R01AG080186	NATIONAL INST OF HEALTH	303,183	-
U.S. Dept of Health and Human Services	Direct	93.866	R03AG075465	NATIONAL INST ON AGING	112,822	-
U.S. Dept of Health and Human Services	Direct	93.866	R21AG081306	NATIONAL INST OF HEALTH	10	-
U.S. Dept of Health and Human Services	Direct	93.866	R21AG074514	NATIONAL INST OF HEALTH	185,694	-
U.S. Dept of Health and Human Services	Direct	93.866	R21AG075618	NATIONAL INST OF HEALTH	111,629	2,096
U.S. Dept of Health and Human Services	Direct	93.866	R21AG082324	NATIONAL INST OF HEALTH	113,806	-
U.S. Dept of Health and Human Services	Direct	93.866	RF1AG072449	NATIONAL INST OF HEALTH	1,002,516	862,511
U.S. Dept of Health and Human Services	Direct	93.867	1R01EY034133-01A1	NATIONAL INST OF HEALTH	374,015	67,721
U.S. Dept of Health and Human Services	Direct	93.867	3R21EY032740-02S1	NATIONAL INST OF HEALTH	37,984	-
U.S. Dept of Health and Human Services	Direct	93.867	R01EY016077	NATIONAL INST OF HEALTH	(136,330)	32,445
U.S. Dept of Health and Human Services	Direct	93.867	R01EY025752	NATIONAL INST OF HEALTH	30,150	10,773

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Direct	93.867	R01EY028049	NATIONAL INST OF HEALTH	\$ (99)	\$ -
U.S. Dept of Health and Human Services	Direct	93.867	R01EY030766	NATIONAL INST OF HEALTH	7,113	89,708
U.S. Dept of Health and Human Services	Direct	93.867	R01EY032071	NATIONAL INST OF HEALTH	305,123	-
U.S. Dept of Health and Human Services	Direct	93.867	R21EY032740	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	90,178	-
U.S. Dept of Health and Human Services	Direct	93.867	R24EY027285	NATIONAL INST OF HEALTH	774,842	206,706
U.S. Dept of Health and Human Services	Direct	93.879	COVID-19-R21LM013638	NATIONAL INST OF HEALTH	48,467	-
U.S. Dept of Health and Human Services	Direct	93.989	R21TW011339	NATIONAL INST OF HEALTH	18,925	-
U.S. Dept of Health and Human Services	Direct	93.989	R21TW011339	NATIONAL INST OF HEALTH	23,169	-
					118,804,861	28,651,909
Direct Total						
U.S. Dept of Health and Human Services	Pass-through	93.RD	269589-MSU	TEMPLE UNIV	\$ 67,894	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.073	B11191_MSU	HENRY FORD HEALTH SYSTEM	28,311	-
U.S. Dept of Health and Human Services	Pass-through	93.084	000002359	UNIVERSITY OF WISCONSIN	282,802	-
U.S. Dept of Health and Human Services	Pass-through	93.103		EN SOLUCION INC	(1,420)	-
U.S. Dept of Health and Human Services	Pass-through	93.103	IP00706977	EN SOLUCION INC	19,833	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20244961-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	27,399	-
U.S. Dept of Health and Human Services	Pass-through	93.113	138028 SPC003429	WASHINGTON STATE UNIV	31,616	-
U.S. Dept of Health and Human Services	Pass-through	93.113	19-579-MSU	WEST VIRGINIA UNIV	12,906	-
U.S. Dept of Health and Human Services	Pass-through	93.113	19925	UNIVERSITY OF ILLINOIS CHICAGO	107,633	-
U.S. Dept of Health and Human Services	Pass-through	93.113	3ROC3	UNIVERSITY OF NEW MEXICO	70,898	-
U.S. Dept of Health and Human Services	Pass-through	93.113	5121782	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	1,910	-
U.S. Dept of Health and Human Services	Pass-through	93.113	7151-MS-Y01	SILENT SPRING INST	17,270	-
U.S. Dept of Health and Human Services	Pass-through	93.113	AWD101249 (SUB00000306)	UNIVERSITY OF CHICAGO	8,744	-
U.S. Dept of Health and Human Services	Pass-through	93.113	FY24.714.001	UNIVERSITY OF COLORADO DENVER HEALTH SCIENCES	12,178	-
U.S. Dept of Health and Human Services	Pass-through	93.113	PAM-P24-002787-SA01	NORTH CAROLINA STATE UNIV	4,580	-
U.S. Dept of Health and Human Services	Pass-through	93.113	SUB00002624	RUTGERS UNIVERSITY	151,286	-
U.S. Dept of Health and Human Services	Pass-through	93.121	ZR44-04-01	NANOMAG LLC	(12,207)	-
U.S. Dept of Health and Human Services	Pass-through	93.121	3200004178-22-041	UNIVERSITY OF KENTUCKY	49,530	-
U.S. Dept of Health and Human Services	Pass-through	93.121	CY22-196-MSU	SANFORD RESEARCH	83,085	-
U.S. Dept of Health and Human Services	Pass-through	93.121	SUBK00016708	UNIVERSITY OF MICHIGAN	189,138	-
U.S. Dept of Health and Human Services	Pass-through	93.121	SUBK00018495	UNIVERSITY OF MICHIGAN	5,183	-
U.S. Dept of Health and Human Services	Pass-through	93.121	UWSC13623	UNIVERSITY OF WASHINGTON	83,003	-
U.S. Dept of Health and Human Services	Pass-through	93.135	SUBK00009677	UNIVERSITY OF MICHIGAN	83,951	-
U.S. Dept of Health and Human Services	Pass-through	93.136	2023GC0092	UNIVERSITY OF TEXAS AT ARLINGTON	61,933	-
U.S. Dept of Health and Human Services	Pass-through	93.136	SP000014514-01	GEORGIA STATE UNIV	19,803	-
U.S. Dept of Health and Human Services	Pass-through	93.136	SUBK00016076	UNIVERSITY OF MICHIGAN	76,226	-
U.S. Dept of Health and Human Services	Pass-through	93.136	WSU21001	WAYNE STATE UNIV	(10,625)	-
U.S. Dept of Health and Human Services	Pass-through	93.143	SUBK00013826	UNIVERSITY OF MICHIGAN	22,500	-
U.S. Dept of Health and Human Services	Pass-through	93.143	WSU23008	WAYNE STATE UNIV	(844)	-
U.S. Dept of Health and Human Services	Pass-through	93.143	WSU23097	WAYNE STATE UNIV	17,656	-
U.S. Dept of Health and Human Services	Pass-through	93.173	55543	UNIVERSITY OF DELAWARE	83,113	-
U.S. Dept of Health and Human Services	Pass-through	93.173	SUBK00015768	UNIVERSITY OF MICHIGAN	23,899	-
U.S. Dept of Health and Human Services	Pass-through	93.213	00001330	BROWN UNIV	2,289	-
U.S. Dept of Health and Human Services	Pass-through	93.241	MCRH- UMUCU	MICHIGAN CENTER FOR RURAL HEALTH	(23)	-
U.S. Dept of Health and Human Services	Pass-through	93.242	10-124646-8097-46	PHYSICAL SCIENCES INC	9,096	5,812
U.S. Dept of Health and Human Services	Pass-through	93.242	2(GG015132-01)	COLUMBIA UNIV	236,309	-
U.S. Dept of Health and Human Services	Pass-through	93.242	38773-2	AUGUSTA UNIVERSITY	37,695	-
U.S. Dept of Health and Human Services	Pass-through	93.242	417889GURFAO:GR530333	UNIVERSITY OF ROCHESTER	(892)	-
U.S. Dept of Health and Human Services	Pass-through	93.242	5076-MSU	SIMMERSON	16,628	-
U.S. Dept of Health and Human Services	Pass-through	93.242	5119312	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	110,531	-
U.S. Dept of Health and Human Services	Pass-through	93.242	A20-0857-5001	UNIVERSITY OF CALIFORNIA DAVIS	45,607	-
U.S. Dept of Health and Human Services	Pass-through	93.242	A635303	EMORY UNIV	19,240	-
U.S. Dept of Health and Human Services	Pass-through	93.242	D9198-05 SA950 A1 5A945B 7802	SAN DIEGO STATE UNIV FOUNDATION	23,583	-
U.S. Dept of Health and Human Services	Pass-through	93.242	dd E2049281 new E2049287	GEORGE MASON UNIV	157,799	-
U.S. Dept of Health and Human Services	Pass-through	93.242	R-23-0058	UNIVERSITY OF HOUSTON	69,791	-
U.S. Dept of Health and Human Services	Pass-through	93.242	SUB00000210	UMASS CHAN MEDICAL SCHOOL	43,835	-
U.S. Dept of Health and Human Services	Pass-through	93.242	SUBK00011439	UNIVERSITY OF MICHIGAN	(469)	-
U.S. Dept of Health and Human Services	Pass-through	93.242	SUBK00012602	UNIVERSITY OF MICHIGAN	(19,413)	-
U.S. Dept of Health and Human Services	Pass-through	93.242	SUBK00019228	UNIVERSITY OF MICHIGAN	44,971	-
U.S. Dept of Health and Human Services	Pass-through	93.242	UCT35512	UNIVERSITY OF CAPE TOWN	121,715	-
U.S. Dept of Health and Human Services	Pass-through	93.242	UTAUS-SUB00001181	UNIVERSITY OF TEXAS AT AUSTIN	67,146	-
U.S. Dept of Health and Human Services	Pass-through	93.242	UWSC15150	UNIVERSITY OF WASHINGTON	32,004	-
U.S. Dept of Health and Human Services	Pass-through	93.243	1H79TK080350	FLINT ODYSSEY HOUSE HEALTH AWARENESS CENTER	6,206	-
U.S. Dept of Health and Human Services	Pass-through	93.243	E20234339-00-AN	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	7,436	-
U.S. Dept of Health and Human Services	Pass-through	93.243	E20242119-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	15,055	-
U.S. Dept of Health and Human Services	Pass-through	93.268	E20233379-00-AC	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	178,392	-
U.S. Dept of Health and Human Services	Pass-through	93.273	7137767	RHODE ISLAND HOSPITAL	11,372	-
U.S. Dept of Health and Human Services	Pass-through	93.273	SUBK00014130	UNIVERSITY OF MICHIGAN	40,262	-
U.S. Dept of Health and Human Services	Pass-through	93.279	12751SUB	SEATTLE CHILDRENS HOSPITAL	28,834	-
U.S. Dept of Health and Human Services	Pass-through	93.279	2005740964	JOHNS HOPKINS UNIV	1,692	-
U.S. Dept of Health and Human Services	Pass-through	93.279	21-85452-06	UNIVERSITY OF TEXAS MEDICAL BRANCH	215,375	-
U.S. Dept of Health and Human Services	Pass-through	93.279	B11256MSU	HENRY FORD HEALTH SYSTEM	15,396	-
U.S. Dept of Health and Human Services	Pass-through	93.279	E2064161	GEORGE MASON UNIV	80,409	-
U.S. Dept of Health and Human Services	Pass-through	93.286	23853	MASSACHUSETTS GENERAL HOSPITAL	251,445	-
U.S. Dept of Health and Human Services	Pass-through	93.286	F64758	CENTRAL MICHIGAN UNIV	252,494	-
U.S. Dept of Health and Human Services	Pass-through	93.307	26036A01-04	UNIVERSITY OF CENTRAL FLORIDA	(21,508)	-
U.S. Dept of Health and Human Services	Pass-through	93.307	26036A05	UNIVERSITY OF CENTRAL FLORIDA	(58)	-
U.S. Dept of Health and Human Services	Pass-through	93.307	GR107992	UNIVERSITY OF CENTRAL FLORIDA	16,231	-
U.S. Dept of Health and Human Services	Pass-through	93.307	SUBK00013082	UNIVERSITY OF MICHIGAN	18,486	-
U.S. Dept of Health and Human Services	Pass-through	93.307	SUBK00015561	UNIVERSITY OF MICHIGAN	45,047	-
U.S. Dept of Health and Human Services	Pass-through	93.310	093670-18116	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	20,167	-
U.S. Dept of Health and Human Services	Pass-through	93.310	114855-19691	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	23,259	-
U.S. Dept of Health and Human Services	Pass-through	93.310	2005768503	JOHNS HOPKINS UNIV	4,253	-
U.S. Dept of Health and Human Services	Pass-through	93.310	226141439E	UNIVERSITY OF TEXAS AT EL PASO	37,436	-
U.S. Dept of Health and Human Services	Pass-through	93.310	5125788	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	31,704	-
U.S. Dept of Health and Human Services	Pass-through	93.310	SUB00001823	UNIVERSITY OF GEORGIA	15,440	-
U.S. Dept of Health and Human Services	Pass-through	93.310	SUB00001823-4S	UNIVERSITY OF GEORGIA	(11,754)	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20224019-00-AI	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	961	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20224543-00-AS	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	(3)	-
U.S. Dept of Health and Human Services	Pass-through	93.323	COVID-19 - E20232538-00-I	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	36,733	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20232737-00-AJ	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	358,875	-
U.S. Dept of Health and Human Services	Pass-through	93.323	COVID-19 - E20234147-00-AI	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	344,759	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20234269-00-AG	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	18,759	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20234269-00-AG	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	24,336	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20234269-00-AG	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	67,817	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Pass-through	93.323	E20234269-00-AG	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 108,722	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.323	E20242115-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	26,843	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20242115-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	82,055	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20242115-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	170,507	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20242115-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	237,649	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20242254-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	982,993	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20243425-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	1,244,650	-
U.S. Dept of Health and Human Services	Pass-through	93.323	IP 584140	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	(286)	-
U.S. Dept of Health and Human Services	Pass-through	93.323	IP 584140	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	(7)	-
U.S. Dept of Health and Human Services	Pass-through	93.323	IP 584140	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	(4)	-
U.S. Dept of Health and Human Services	Pass-through	93.350	2000 GLE738	UNIVERSITY OF CALIFORNIA LOS ANGELES	18,610	-
U.S. Dept of Health and Human Services	Pass-through	93.350	SUBK00020081	UNIVERSITY OF MICHIGAN	125,004	-
U.S. Dept of Health and Human Services	Pass-through	93.350	SUBK00020081	UNIVERSITY OF MICHIGAN	56,832	-
U.S. Dept of Health and Human Services	Pass-through	93.351	P51 Q0011092	OREGON HEALTH & SCIENCE UNIVERSITY	25,268	-
U.S. Dept of Health and Human Services	Pass-through	93.353	SUBK00010769	UNIVERSITY OF MICHIGAN	3,560	-
U.S. Dept of Health and Human Services	Pass-through	93.361	SUBK00013486	UNIVERSITY OF MICHIGAN	117,318	-
U.S. Dept of Health and Human Services	Pass-through	93.393	19269	UNIVERSITY OF ILLINOIS CHICAGO	67,148	-
U.S. Dept of Health and Human Services	Pass-through	93.393	5115142	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	112,671	-
U.S. Dept of Health and Human Services	Pass-through	93.393	665685	UNIVERSITY OF ARIZONA	31,765	-
U.S. Dept of Health and Human Services	Pass-through	93.393	SUB00017450	UNIVERSITY OF MICHIGAN	24,227	-
U.S. Dept of Health and Human Services	Pass-through	93.393	SUBK00018427	UNIVERSITY OF MICHIGAN	13,757	-
U.S. Dept of Health and Human Services	Pass-through	93.394	750005	PROTEOGENOMICS RESEARCH INST FOR SYSTEMS	325,127	-
U.S. Dept of Health and Human Services	Pass-through	93.394	AR60720	PUBLIC HEALTH INSTITUTE	(7)	-
U.S. Dept of Health and Human Services	Pass-through	93.395	7UG1CA189955-08	PUBLIC HEALTH INSTITUTE	687	-
U.S. Dept of Health and Human Services	Pass-through	93.395	B11265MSU	HENRY FORD HEALTH SYSTEM	3,944	-
U.S. Dept of Health and Human Services	Pass-through	93.395	U10CA180886	PUBLIC HEALTH INSTITUTE	9,033	-
U.S. Dept of Health and Human Services	Pass-through	93.396	65590	HENRY M JACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MED	56,045	-
U.S. Dept of Health and Human Services	Pass-through	93.396	C00080162-1	UNIVERSITY OF MISSOURI	43,509	-
U.S. Dept of Health and Human Services	Pass-through	93.396	CCF24572618	CLEVELAND CLINIC FOUNDATION	385	-
U.S. Dept of Health and Human Services	Pass-through	93.434	Z29373-SBEG1	MICHIGAN DEPT OF EDUCATION	33,551	-
U.S. Dept of Health and Human Services	Pass-through	93.788	E20233379-002-AC	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	19,670	-
U.S. Dept of Health and Human Services	Pass-through	93.837	242625	MASSACHUSETTS GENERAL HOSPITAL	257,731	-
U.S. Dept of Health and Human Services	Pass-through	93.837	3004483783	UNIVERSITY OF MICHIGAN	12,093	-
U.S. Dept of Health and Human Services	Pass-through	93.837	3200004734-22-212 3200005523-22-212	UNIVERSITY OF KENTUCKY	218,195	-
U.S. Dept of Health and Human Services	Pass-through	93.837	CALMID-2022-001	CALIFORNIA MEDICAL INNOVATIONS INST	154,256	-
U.S. Dept of Health and Human Services	Pass-through	93.837	CALMID-2023-002	CALIFORNIA MEDICAL INNOVATIONS INST	149,130	-
U.S. Dept of Health and Human Services	Pass-through	93.837	WU-23-0503	WASHINGTON UNIV IN ST LOUIS	19,564	-
U.S. Dept of Health and Human Services	Pass-through	93.838	125713	BRIGHAM & WOMENS HOSPITAL	(128,737)	-
U.S. Dept of Health and Human Services	Pass-through	93.838	21630	UNIVERSITY OF MARYLAND	134,540	-
U.S. Dept of Health and Human Services	Pass-through	93.846	000526695-SC002	UNIVERSITY OF ALABAMA AT BIRMINGHAM	23,415	-
U.S. Dept of Health and Human Services	Pass-through	93.846	00562887	ADVERTENT BIOTHERAPEUTICS	793	-
U.S. Dept of Health and Human Services	Pass-through	93.846	5020270_SERV	TUFTS MEDICAL CENTER	(1,255)	-
U.S. Dept of Health and Human Services	Pass-through	93.846	SUB00000463	UMASS CHAN MEDICAL SCHOOL	4,368	-
U.S. Dept of Health and Human Services	Pass-through	93.847	5116414	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	8,724	-
U.S. Dept of Health and Human Services	Pass-through	93.847	AWD100466 (SUB0000162)	UNIVERSITY OF CHICAGO	181,137	-
U.S. Dept of Health and Human Services	Pass-through	93.847	SPC-1000004854 / GR122875	OHIO STATE UNIV	25,472	-
U.S. Dept of Health and Human Services	Pass-through	93.847	SUBK00016408	UNIVERSITY OF MICHIGAN	18,416	-
U.S. Dept of Health and Human Services	Pass-through	93.847	SUBK00020311	UNIVERSITY OF MICHIGAN	50,396	-
U.S. Dept of Health and Human Services	Pass-through	93.847	SUBK00020313	UNIVERSITY OF MICHIGAN	40,000	-
U.S. Dept of Health and Human Services	Pass-through	93.847	SUBK00021878	UNIVERSITY OF MICHIGAN	9,027	-
U.S. Dept of Health and Human Services	Pass-through	93.847	UTA19-001577	UNIVERSITY OF TEXAS AT AUSTIN	77,106	-
U.S. Dept of Health and Human Services	Pass-through	93.847	WBH202109_MSU	BEAUMONT HOSPITAL	64,268	-
U.S. Dept of Health and Human Services	Pass-through	93.853	1(GG015025-01)	COLUMBIA UNIV	29,756	-
U.S. Dept of Health and Human Services	Pass-through	93.853	17546-00	UNIVERSITY OF ILLINOIS CHICAGO	424,290	-
U.S. Dept of Health and Human Services	Pass-through	93.853	235227	MASSACHUSETTS GENERAL HOSPITAL	29,967	-
U.S. Dept of Health and Human Services	Pass-through	93.853	370117-02	MOREHOUSE SCHOOL OF MEDICINE	24,907	-
U.S. Dept of Health and Human Services	Pass-through	93.853	412628-19057	VIRGINIA TECH	5,359	-
U.S. Dept of Health and Human Services	Pass-through	93.853	642722	UNIVERSITY OF ARIZONA	48,624	-
U.S. Dept of Health and Human Services	Pass-through	93.853	AGMT00010612	METHODIST RESEARCH INSTITUTE INC	31,378	-
U.S. Dept of Health and Human Services	Pass-through	93.853	GR102369.SUB00000877	UNIVERSITY OF VIRGINIA	7,998	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUB00000020UR.FAO.GRS30629	UNIVERSITY OF ROCHESTER	29,064	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUB00000640/ UR.FAO.GRS33824	UNIVERSITY OF ROCHESTER	3,998	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUBK00015115	UNIVERSITY OF MICHIGAN	122,077	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUBK00020137	UNIVERSITY OF MICHIGAN	42,476	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUBK00020227	UNIVERSITY OF MICHIGAN	11,561	-
U.S. Dept of Health and Human Services	Pass-through	93.855		ASO THERAPEUTICS INC	(1,162)	-
U.S. Dept of Health and Human Services	Pass-through	93.855	00654837 Phase I	TARN BIOSCIENCES	61,571	-
U.S. Dept of Health and Human Services	Pass-through	93.855	00654837 Phase I	TARN BIOSCIENCES	76,544	-
U.S. Dept of Health and Human Services	Pass-through	93.855	12177SUB	SEATTLE CHILDRENS RESEARCH INST	23,102	-
U.S. Dept of Health and Human Services	Pass-through	93.855	12403SUB	SEATTLE CHILDRENS RESEARCH INST	50,143	-
U.S. Dept of Health and Human Services	Pass-through	93.855	233906	CORNELL UNIV	28,061	-
U.S. Dept of Health and Human Services	Pass-through	93.855	312174 P0897866 P0928180 P0944903 P0981904	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	14,553	-
U.S. Dept of Health and Human Services	Pass-through	93.855	4500004359	BOSTON UNIV	3,402	-
U.S. Dept of Health and Human Services	Pass-through	93.855	5127101	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	138,458	-
U.S. Dept of Health and Human Services	Pass-through	93.855	8577	INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS	46,100	-
U.S. Dept of Health and Human Services	Pass-through	93.855	B23829MSU	HENRY FORD HEALTH SYSTEM	59,945	-
U.S. Dept of Health and Human Services	Pass-through	93.855	GR106287 (CON-80001799)	YALE UNIV	247,281	-
U.S. Dept of Health and Human Services	Pass-through	93.855	IP0669812	INDOOR BIOTECHNOLOGIES, INC	96,284	-
U.S. Dept of Health and Human Services	Pass-through	93.855	R1823	DARTMOUTH COLLEGE	10,875	-
U.S. Dept of Health and Human Services	Pass-through	93.855	SA26579	WELLESLEY COLLEGE	52,898	-
U.S. Dept of Health and Human Services	Pass-through	93.855	SUB00002634	RUTGERS UNIVERSITY	15,314	-
U.S. Dept of Health and Human Services	Pass-through	93.855	SUBK00002134	UNIVERSITY OF MICHIGAN	80,017	-
U.S. Dept of Health and Human Services	Pass-through	93.859	00096512132022	UNIVERSITY OF RHODE ISLAND	87,574	-
U.S. Dept of Health and Human Services	Pass-through	93.859	1R35GM153479-01	NATIONAL INST OF GENERAL MEDICAL SCIENCES	14,533	-
U.S. Dept of Health and Human Services	Pass-through	93.859	23-063-01	UNIVERSITY OF NEBRASKA KEARNEY	12,978	-
U.S. Dept of Health and Human Services	Pass-through	93.859	IP06641986	GLYCAN THERAPEUTICS	100,321	-
U.S. Dept of Health and Human Services	Pass-through	93.859	S-001206	CALIFORNIA STATE UNIVERSITY RIVERSIDE	4,050	-
U.S. Dept of Health and Human Services	Pass-through	93.859	SG269322100MSU	CALIFORNIA STATE UNIV LONG BEACH FOUND	581	-
U.S. Dept of Health and Human Services	Pass-through	93.859	TUL-HSC-559670-2122	TULANE UNIV	116,103	-
U.S. Dept of Health and Human Services	Pass-through	93.859	WSU22165	WAYNE STATE UNIV	93,871	-
U.S. Dept of Health and Human Services	Pass-through	93.865	127746	BRIGHAM & WOMENS HOSPITAL	187,791	-
U.S. Dept of Health and Human Services	Pass-through	93.865	164232	RESEARCH FOUNDATION FOR MENTAL HYGIENE INC	33,682	-
U.S. Dept of Health and Human Services	Pass-through	93.865	18-A1-00-1001408	NEW YORK UNIV SCHOOL OF MEDICINE	323,430	-
U.S. Dept of Health and Human Services	Pass-through	93.865	COVID-19 -20-A0-S1-1001408	NEW YORK UNIV SCHOOL OF MEDICINE	(1)	-
U.S. Dept of Health and Human Services	Pass-through	93.865	22-A0-00-1007705	NEW YORK UNIV	7,346	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Pass-through	93.865	303003346	DUKE UNIV	\$ 6,764	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.865	5112242	UNIVERSITY OF NORTH CAROLINA	1,685	-
U.S. Dept of Health and Human Services	Pass-through	93.865	5122929	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	(8)	-
U.S. Dept of Health and Human Services	Pass-through	93.865	C00080194-1	UNIVERSITY OF MISSOURI	52,350	-
U.S. Dept of Health and Human Services	Pass-through	93.865	C00080221-1	UNIVERSITY OF MISSOURI	12,919	-
U.S. Dept of Health and Human Services	Pass-through	93.865	F0998-36	NEW YORK UNIV	2,535	-
U.S. Dept of Health and Human Services	Pass-through	93.865	GENFD002265029	BOSTON CHILDRENS HOSPITAL	5,740	-
U.S. Dept of Health and Human Services	Pass-through	93.865	P700000839	BAYLOR COLLEGE OF MEDICINE	83,070	-
U.S. Dept of Health and Human Services	Pass-through	93.865	SUBK00017382	UNIVERSITY OF MICHIGAN	31,206	-
U.S. Dept of Health and Human Services	Pass-through	93.865	UHC7-165210555	UNIVERSITY OF CONNECTICUT	14,279	-
U.S. Dept of Health and Human Services	Pass-through	93.866	00528882-SC002	UNIVERSITY OF ALABAMA AT BIRMINGHAM	11,409	-
U.S. Dept of Health and Human Services	Pass-through	93.866	160236	UNIVERSITY OF TEXAS SOUTH-WESTERN MEDICAL CENTER	38,356	-
U.S. Dept of Health and Human Services	Pass-through	93.866	243823	MASSACHUSETTS GENERAL HOSPITAL	6,501	-
U.S. Dept of Health and Human Services	Pass-through	93.866	32114-MSU	DIGNITY HEALTH - ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER	472,220	126,228
U.S. Dept of Health and Human Services	Pass-through	93.866	62920033-236617	STANFORD UNIV	55,524	-
U.S. Dept of Health and Human Services	Pass-through	93.866	AG057274-MSU	CAYMAN CHEMICAL CO INC	20,027	-
U.S. Dept of Health and Human Services	Pass-through	93.866	GMO 181212	UNIVERSITY OF TEXAS SOUTH-WESTERN MEDICAL CENTER	73,288	-
U.S. Dept of Health and Human Services	Pass-through	93.866	GMO200807	UNIVERSITY OF TEXAS SOUTH-WESTERN MEDICAL CENTER	(3,288)	-
U.S. Dept of Health and Human Services	Pass-through	93.866	GMO231019	UNIVERSITY OF TEXAS SOUTH-WESTERN MEDICAL CENTER	79,207	-
U.S. Dept of Health and Human Services	Pass-through	93.866	GR106352	UNIVERSITY OF CENTRAL FLORIDA	147,086	-
U.S. Dept of Health and Human Services	Pass-through	93.866	GVSU-207041-02	GRAND VALLEY STATE UNIV	411	-
U.S. Dept of Health and Human Services	Pass-through	93.866	P009020701	UNIVERSITY OF MINNESOTA	27,409	-
U.S. Dept of Health and Human Services	Pass-through	93.866	P010423302	UNIVERSITY OF MINNESOTA	26,194	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00007878	UNIVERSITY OF MICHIGAN	558	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00007878	UNIVERSITY OF MICHIGAN	(41)	-
U.S. Dept of Health and Human Services	Pass-through	93.866	RF00108-2021-0316	UNIVERSITY OF NORTH TEXAS	51,843	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SC38391-01-00	UNIVERSITY OF DENVER	8,561	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00002929	UNIVERSITY OF GEORGIA	172,053	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00007977	UNIVERSITY OF MICHIGAN	16,800	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00007977	UNIVERSITY OF MICHIGAN	(1,387)	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00010687	UNIVERSITY OF MICHIGAN	19,224	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00013940	UNIVERSITY OF MICHIGAN	11,561	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00013940	UNIVERSITY OF MICHIGAN	356,698	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00013940	UNIVERSITY OF MICHIGAN	24,040	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00017182	UNIVERSITY OF MICHIGAN	3,242	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00017182	UNIVERSITY OF MICHIGAN	9,075	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00018214	UNIVERSITY OF MICHIGAN	12,195	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00018214	UNIVERSITY OF MICHIGAN	16,503	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00018592	MICHIGAN ALZHEIMERS DISEASE RESEARCH CENTER	8,211	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00018593	MICHIGAN ALZHEIMERS DISEASE RESEARCH CENTER	20,854	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00018602	UNIVERSITY OF MICHIGAN	128,883	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00019007	UNIVERSITY OF MICHIGAN	24,203	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00019182	UNIVERSITY OF MICHIGAN	43,644	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00020268	UNIVERSITY OF MICHIGAN	15,569	-
U.S. Dept of Health and Human Services	Pass-through	93.866	SUBK00020470	UNIVERSITY OF MICHIGAN	9,724	-
U.S. Dept of Health and Human Services	Pass-through	93.866	WSU21068	WAYNE STATE UNIV	35,973	-
U.S. Dept of Health and Human Services	Pass-through	93.867	00526866-SC002	UNIVERSITY OF ALABAMA AT BIRMINGHAM	63,596	-
U.S. Dept of Health and Human Services	Pass-through	93.867	00537260-SC001	UNIVERSITY OF ALABAMA AT BIRMINGHAM	81,605	-
U.S. Dept of Health and Human Services	Pass-through	93.867	1019606_MSU	OREGON HEALTH & SCIENCE UNIVERSITY	54,320	-
U.S. Dept of Health and Human Services	Pass-through	93.867	IP00553804	MEDICAL COLLEGE OF WISCONSIN	471,953	-
U.S. Dept of Health and Human Services	Pass-through	93.872	FY21.494.004	UNIVERSITY OF COLORADO	11,608	-
U.S. Dept of Health and Human Services	Pass-through	93.879	1090686-449381	CARNEGIE MELLON UNIV	195,048	-
U.S. Dept of Health and Human Services	Pass-through	93.958	E20233773-00-Q	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	181,206	-
U.S. Dept of Health and Human Services	Pass-through	93.958	E20242251	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	569,905	-
U.S. Dept of Health and Human Services	Pass-through	93.989	154621	COLUMBIA UNIV	17,565	-
Pass-through Total					16,628,062	132,040
U.S. Dept of Health and Human Services Total					135,432,923	28,783,549
U.S. Dept of Homeland Security	Direct	97.104	H98230-23-1-0005	NATIONAL SECURITY AGENCY	\$ 15,810	\$ -
U.S. Dept of Homeland Security	Direct	97.104	H98230-23-1-0005	NATIONAL SECURITY AGENCY	30,165	-
U.S. Dept of Homeland Security	Direct	97.132	EMW-2022-GR-0046-S01	US DEPT OF HOMELAND SECURITY	358,491	9,421
Direct Total					404,466	9,421
U.S. Dept of Homeland Security	Pass-through	97.061	44-0108-1001-416	MICHIGAN POTATO INDUSTRY COMMISSION	\$ 35,726	\$ 35,726
U.S. Dept of Homeland Security	Pass-through	97.061	E206378R	GEORGE MASON UNIV	279,356	-
U.S. Dept of Homeland Security	Pass-through	97.061	oldest E2051859 / older E205577C / old E2059499 / new E206378Q	GEORGE MASON UNIV	29,705	-
Pass-through Total					344,787	35,726
U.S. Dept of Homeland Security Total					749,253	45,147
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	(140)	-
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	11,455	-
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	26,527	-
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	52,016	29,392
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	805,054	564,892
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	2,651,304	1,699,085
U.S. Agency for International Development	Direct	98.001	7200AA18LE00003	US AGENCY FOR INTL DEVELOPMENT	17,607	-
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	5,083	-
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	11,699	-
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	38,782	-
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	54,005	48,730
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	154,635	-
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	296,333	158,915
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	671,933	480,696
U.S. Agency for International Development	Direct	98.001	7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	2,517,679	1,341,497
U.S. Agency for International Development	Direct	98.001	7200AA21CA00018	US AGENCY FOR INTL DEVELOPMENT	2,721,939	1,614,539
U.S. Agency for International Development	Direct	98.001	7200AA23FA00021	US AGENCY FOR INTL DEVELOPMENT	590,729	408,800
U.S. Agency for International Development	Direct	98.001	72061223CA00001	US AGENCY FOR INTL DEVELOPMENT	3,025,070	770,056
U.S. Agency for International Development	Direct	98.001	72061223LA00001 / 7200AA19LE00001	US AGENCY FOR INTL DEVELOPMENT	663,937	97,824
U.S. Agency for International Development	Direct	98.001	72062024LA00001	US AGENCY FOR INTL DEVELOPMENT	15,813	-
U.S. Agency for International Development	Direct	98.001	72062119LA00001	US AGENCY FOR INTL DEVELOPMENT	1,446,080	853,698
Direct Total					15,777,540	8,088,124
U.S. Agency for International Development	Pass-through	98.001	100538-18020	UNIVERSITY OF ILLINOIS	\$ 226,616	\$ 90,498
U.S. Agency for International Development	Pass-through	98.001	193900.312455.12A	MISSISSIPPI STATE UNIV	7,104	-
U.S. Agency for International Development	Pass-through	98.001	2021X112.MSU	NTL FOOD POLICY RESEARCH INST	298,065	-
U.S. Agency for International Development	Pass-through	98.001	2021X284.MSU	NTL FOOD POLICY RESEARCH INST	592,824	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
RESEARCH AND DEVELOPMENT CLUSTER (CONTINUED)						
U.S. Agency for International Development	Pass-through	98.001	2023X234.MSU	NTL FOOD POLICY RESEARCH INST	\$ 53,553	\$ -
U.S. Agency for International Development	Pass-through	98.001	89915-11361	CORNELL UNIV	42,373	28,248
U.S. Agency for International Development	Pass-through	98.001	A20-0163-S016	KANSAS STATE UNIV	92,137	-
U.S. Agency for International Development	Pass-through	98.001	A20-0163-S019	KANSAS STATE UNIV	31,242	30,784
U.S. Agency for International Development	Pass-through	98.001	A20-0163-S030	KANSAS STATE UNIV	116,509	-
U.S. Agency for International Development	Pass-through	98.001	EP0216467 104042	TUFTS UNIV	(11,892)	-
U.S. Agency for International Development	Pass-through	98.001	EP0229393	TUFTS UNIV	6,587	-
U.S. Agency for International Development	Pass-through	98.001	Prime AD-BFS-G11-00002	NTL INST FOR TROPICAL AGRICULTURE	17,836	-
U.S. Agency for International Development	Pass-through	98.001	S004175	DREAM TEAM AGRO CONSULTANCY LIMITED	23,141	-
U.S. Agency for International Development	Pass-through	98.001	S004322-USAD	PENNSYLVANIA STATE UNIV	78,031	-
U.S. Agency for International Development	Pass-through	98.001	SUB00003187	UNIVERSITY OF FLORIDA	230,371	51,202
Pass-through Total					1,804,677	200,732
U.S. Agency for International Development Total					17,582,217	8,288,856
TOTAL RESEARCH AND DEVELOPMENT CLUSTER					473,592,669	56,315,423
STUDENT FINANCIAL ASSISTANCE PROGRAMS CLUSTER						
U.S. Dept of Education	Direct	84.007	P007A212045 SEOG 21-22	US DEPT OF EDUCATION	\$ 1,600	\$ -
U.S. Dept of Education	Direct	84.007	P007A232045 SEOG 23-24	US DEPT OF EDUCATION	1,497,289	-
U.S. Dept of Education	Direct	84.033	P033A212045 FWS 22-23	US DEPT OF EDUCATION	68,681	-
U.S. Dept of Education	Direct	84.033	P033A222045 FWS AR 22-23	US DEPT OF EDUCATION	57	-
U.S. Dept of Education	Direct	84.033	P033A232045 FWS AR 23-24	US DEPT OF EDUCATION	12,852	-
U.S. Dept of Education	Direct	84.033	USDE P033A232045 FWS 23-24	US DEPT OF EDUCATION	2,884,307	-
U.S. Dept of Education	Direct	84.033	USDE P033A232045 FWS JL 23-24	US DEPT OF EDUCATION	42,390	-
U.S. Dept of Education	Direct	84.038	VARIOUS PERKINS	US DEPT OF EDUCATION	6,568,983	-
U.S. Dept of Education	Direct	84.063	P063P110233 PELL ADMIN ALLOWANCE	US DEPT OF EDUCATION	42,175	-
U.S. Dept of Education	Direct	84.063	USDE P063P210233 PELL 21-22	US DEPT OF EDUCATION	(684,633)	-
U.S. Dept of Education	Direct	84.063	USDE P063P220233 PELL 22-23	US DEPT OF EDUCATION	(38,075)	-
U.S. Dept of Education	Direct	84.063	USDE P063P230233 PELL 23-24	US DEPT OF EDUCATION	47,395,639	-
U.S. Dept of Education	Direct	84.268	FED DIRECT LOAN PROGRAM	US DEPT OF EDUCATION	(2,665)	-
U.S. Dept of Education	Direct	84.268	FED DIRECT LOAN PROGRAM	US DEPT OF EDUCATION	6,186,905	-
U.S. Dept of Education	Direct	84.268	FED DIRECT LOAN PROGRAM	US DEPT OF EDUCATION	359,143,789	-
U.S. Dept of Education	Direct	84.379	P379T240233 TEACH 23-24	US DEPT OF EDUCATION	58,939	-
U.S. Dept of Education	Direct	84.408	IRAQ & AFGHANISTAN 21-22	US DEPT OF EDUCATION	(9,751)	-
U.S. Dept of Education	Direct	84.408	IRAQ & AFGHANISTAN 22-23	US DEPT OF EDUCATION	9,751	-
U.S. Dept of Education	Direct	84.408	IRAQ & AFGHANISTAN 23-24	US DEPT OF EDUCATION	6,973	-
U.S. Dept of Education Total					423,185,206	-
U.S. Dept of Health and Human Services	Direct	93.264	VARIOUS - NURSING FACULTY PROG STUDENT LOANS	HEALTH RESOURCES & SERVICES ADMINISTRATION	\$ 389,124	\$ -
U.S. Dept of Health and Human Services	Direct	93.342	VARIOUS - HEALTH PROFESSIONAL STUDENT LOANS	HEALTH RESOURCES & SERVICES ADMINISTRATION	13,385,893	-
U.S. Dept of Health and Human Services	Direct	93.364	VARIOUS - NURSING PROFESSION STUDENT LOANS	HEALTH RESOURCES & SERVICES ADMINISTRATION	30,575	-
U.S. Dept of Health and Human Services	Direct	93.925	T08HP39294	HEALTH RESOURCES & SERVICES ADMINISTRATION	208,255	-
Direct Total					14,013,847	-
U.S. Dept of Health and Human Services Total					14,013,847	-
TOTAL STUDENT FINANCIAL ASSISTANCE PROGRAMS CLUSTER					437,199,053	-
477 CLUSTER						
U.S. Dept of Health and Human Services	Pass-through	93.558	E20245303-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 3,221	\$ -
TOTAL 477 CLUSTER					3,221	-
CCDF CLUSTER						
U.S. Dept of Health and Human Services	Direct	93.575	90YE0264-02-00	ADMINISTRATION FOR CHILDREN & FAMILIES	\$ 19,300	\$ -
U.S. Dept of Health and Human Services	Direct	93.575	90YE0264-02-00	ADMINISTRATION FOR CHILDREN & FAMILIES	20,239	-
Direct Total					39,539	-
U.S. Dept of Health and Human Services	Pass-through	93.575	2131AS-GSRPEV5	MICHIGAN DEPT OF EDUCATION	\$ 27,473	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.575	225081-GSRPEV5	MICHIGAN DEPT OF EDUCATION	99,708	-
Pass-through Total					127,181	-
TOTAL CCDF CLUSTER					166,720	-
FISH AND WILDLIFE CLUSTER						
U.S. Dept of Interior	Pass-through	15.611	GG 751 240000001604 WLD1614	MICHIGAN DEPT OF NATURAL RESOURCES	\$ 26,627	\$ -
U.S. Dept of Interior	Pass-through	15.611	IF# 00580166	NORTH DAKOTA GAME & FISH DEPARTMENT	65,310	-
U.S. Dept of Interior	Pass-through	15.611	WLD2309	MICHIGAN DEPT OF NATURAL RESOURCES	327,230	-
Pass-through Total					419,167	-
TOTAL FISH AND WILDLIFE CLUSTER					419,167	-
HEALTH CENTER PROGRAM CLUSTER						
U.S. Dept of Health and Human Services	Pass-through	93.527	3961-7160	CHEROKEE HEALTH SYSTEMS	\$ 59,840	\$ -
Pass-through Total					59,840	-
TOTAL HEALTH CENTER PROGRAM CLUSTER					59,840	-
HIGHWAY SAFETY CLUSTER						
U.S. Dept of Transportation	Pass-through	20.616	2024-OP-01-00	MICHIGAN OFFICE OF HIGHWAY SAFETY PLANNING	\$ 68,881	\$ -
U.S. Dept of Transportation	Pass-through	20.616	OP-22-03	MICHIGAN OFFICE OF HIGHWAY SAFETY PLANNING	972	-
U.S. Dept of Transportation	Pass-through	20.616	OP-23-03	MICHIGAN OFFICE OF HIGHWAY SAFETY PLANNING	65,082	-
Pass-through Total					134,935	-
TOTAL HIGHWAY SAFETY CLUSTER					134,935	-
MEDICAID CLUSTER						
U.S. Dept of Health and Human Services	Pass-through	93.778	E20222132-00 AF	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 326	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.778	E20232926-00-W	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	9,932	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20233558-00-Z	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	22,643	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20233559-00-AB	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	36,587	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20233701-00-AH	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	22,622	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234151-00-P	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	10,997	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234152-00-F	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	8,871	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234273-00-AD	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	263,824	236,221
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234361-00-AL	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	19,459	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234383-00-K	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	59,239	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234424-00-AP	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	307,037	103,663
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234425-00-AM	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	(5,447)	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20241917-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	81,521	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20241918-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	3,543	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20242118-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	124,351	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20242121-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	30,084	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
MEDICAID CLUSTER (CONTINUED)						
U.S. Dept of Health and Human Services	Pass-through	93.778	E20234421-00-AS	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 28,211	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.778	E20242122-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	164,826	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20243083-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	10,181	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20243944-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	180,289	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20244337-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	73,840	-
U.S. Dept of Health and Human Services	Pass-through	93.778	SUBK00019257	UNIVERSITY OF MICHIGAN	13,347	-
U.S. Dept of Health and Human Services	Pass-through	93.778	E20244079-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	31,573	-
Pass-through Total					1,497,856	339,884
TOTAL MEDICAID CLUSTER						
					1,497,856	339,884
HEAD START CLUSTER						
U.S. Dept of Health and Human Services	Pass-through	93.600	East Lansing	CACS HEAD START	\$ 28,184	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.600	Haskell	CACS HEAD START	63,529	-
U.S. Dept of Health and Human Services	Pass-through	93.600	IP00634671	CACS HEAD START	8,222	-
U.S. Dept of Health and Human Services	Pass-through	93.600	IP00634678	CACS HEAD START	22,911	-
Pass-through Total					122,846	-
TOTAL HEAD START CLUSTER						
					122,846	-
CDBG - ENTITLEMENT GRANTS CLUSTER						
U.S. Dept of Housing and Urban Development	Pass-through	14.218		CITY OF EAST LANSING	\$ 3,340	\$ -
U.S. Dept of Housing and Urban Development	Pass-through	14.218		CITY OF EAST LANSING	8,580	-
Pass-through Total					11,920	-
TOTAL CDBG - ENTITLEMENT GRANTS CLUSTER						
					11,920	-
SNAP CLUSTER						
U.S. Dept of Agriculture	Pass-through	10.561	E20234274-00-AE	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 2,067,703	\$ -
U.S. Dept of Agriculture	Pass-through	10.561	E20242928-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	6,823,880	-
U.S. Dept of Agriculture	Pass-through	10.561	E20244322-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	136,509	-
Pass-through Total					9,028,092	-
TOTAL SNAP CLUSTER						
					9,028,092	-
TRIO CLUSTER						
U.S. Dept of Education	Direct	84.042	P042A200787	US DEPT OF EDUCATION	\$ 1,120,727	\$ -
U.S. Dept of Education	Direct	84.047	P047A221155	US DEPT OF EDUCATION	13,037	-
U.S. Dept of Education	Direct	84.047	P047A221155	US DEPT OF EDUCATION	333,810	-
Direct Total					1,467,574	-
TOTAL TRIO CLUSTER						
					1,467,574	-
WIOA CLUSTER						
U.S. Dept of Labor	Pass-through	17.258	MICA 3.0_2021_IMPARTAlliance	MICHIGAN DEPT OF ENERGY LABOR & ECONOMIC GROWTH	\$ 119,574	\$ -
Pass-through Total					119,574	-
TOTAL WIOA CLUSTER						
					119,574	-
OTHER FEDERAL AWARDS						
U.S. Dept of Agriculture	Direct	10.001	45-5484-8-0019 PHONE	US DEPT OF AGRICULTURE	\$ 2,792	\$ -
U.S. Dept of Agriculture	Direct	10.001	59-6040-3-017	AGRICULTURAL RESEARCH SERVICE	44,771	-
U.S. Dept of Agriculture	Direct	10.001	GENERAL FISCAL AGENT	US DEPT OF AGRICULTURE	3,367	-
U.S. Dept of Agriculture	Direct	10.025	AP23VSD8B00C054	US DEPT OF AGRICULTURE	135,880	-
U.S. Dept of Agriculture	Direct	10.025	AP23VSD8B00C059	US DEPT OF AGRICULTURE	16,390	-
U.S. Dept of Agriculture	Direct	10.025	AP24VSD8B00C004	US DEPT OF AGRICULTURE	37,910	-
U.S. Dept of Agriculture	Direct	10.028	AP23WSNWRC00C083	ANIMAL & PLANT HEALTH INSPECTION SERVICE	78,005	-
U.S. Dept of Agriculture	Direct	10.164	23-TMLRF-M-0023	AGRICULTURAL MARKETING SERVICE	41,674	-
U.S. Dept of Agriculture	Direct	10.175	21FMPMM1020-00	AGRICULTURAL MARKETING SERVICE	198,682	114,225
U.S. Dept of Agriculture	Direct	10.177	AM190100XXXG182	AGRICULTURAL MARKETING SERVICE	254,665	-
U.S. Dept of Agriculture	Direct	10.186	AM22RFBCEM0012-00	AGRICULTURAL MARKETING SERVICE	295,767	30,596
U.S. Dept of Agriculture	Direct	10.210	2017-38420-26759	NATIONAL INST OF FOOD & AGRICULTURE	(2,774)	-
U.S. Dept of Agriculture	Direct	10.210	2022-38420-38615	NATIONAL INST OF FOOD & AGRICULTURE	90	-
U.S. Dept of Agriculture	Direct	10.210	2023-38420-38754	NATIONAL INST OF FOOD & AGRICULTURE	20,220	-
U.S. Dept of Agriculture	Direct	10.217	2020-70003-32298	NATIONAL INST OF FOOD & AGRICULTURE	138,940	37,676
U.S. Dept of Agriculture	Direct	10.220	2018-38413-28142	NATIONAL INST OF FOOD & AGRICULTURE	15,808	-
U.S. Dept of Agriculture	Direct	10.220	2024-38413-41456	NATIONAL INST OF FOOD & AGRICULTURE	780	-
U.S. Dept of Agriculture	Direct	10.226	2020-38414-31877	NATIONAL INST OF FOOD & AGRICULTURE	26,358	-
U.S. Dept of Agriculture	Direct	10.234	2023-70417-39233	NATIONAL INST OF FOOD & AGRICULTURE	4,132	-
U.S. Dept of Agriculture	Direct	10.234	2023-70417-39233	NATIONAL INST OF FOOD & AGRICULTURE	261,233	32,743
U.S. Dept of Agriculture	Direct	10.310	2019-67012-34207	NATIONAL INST OF FOOD & AGRICULTURE	(77)	-
U.S. Dept of Agriculture	Direct	10.310	2020-67034-31883	NATIONAL INST OF FOOD & AGRICULTURE	(337)	-
U.S. Dept of Agriculture	Direct	10.310	2020-67034-31883	NATIONAL INST OF FOOD & AGRICULTURE	(169)	-
U.S. Dept of Agriculture	Direct	10.310	2020-67037-31038	NATIONAL INST OF FOOD & AGRICULTURE	110,616	-
U.S. Dept of Agriculture	Direct	10.310	2021-67012-35038	NATIONAL INST OF FOOD & AGRICULTURE	1,079	-
U.S. Dept of Agriculture	Direct	10.310	2021-67012-35038	NATIONAL INST OF FOOD & AGRICULTURE	14,583	-
U.S. Dept of Agriculture	Direct	10.310	2021-67012-35133	NATIONAL INST OF FOOD & AGRICULTURE	2,999	-
U.S. Dept of Agriculture	Direct	10.310	2021-67012-35133	NATIONAL INST OF FOOD & AGRICULTURE	6,080	-
U.S. Dept of Agriculture	Direct	10.310	2021-67034-35155	NATIONAL INST OF FOOD & AGRICULTURE	442	-
U.S. Dept of Agriculture	Direct	10.310	2021-67034-35155	NATIONAL INST OF FOOD & AGRICULTURE	2,651	-
U.S. Dept of Agriculture	Direct	10.310	2021-67037-34621	NATIONAL INST OF FOOD & AGRICULTURE	39,455	11,843
U.S. Dept of Agriculture	Direct	10.310	2021-67037-34657	NATIONAL INST OF FOOD & AGRICULTURE	12,158	-
U.S. Dept of Agriculture	Direct	10.310	2021-67037-34657	NATIONAL INST OF FOOD & AGRICULTURE	55,218	-
U.S. Dept of Agriculture	Direct	10.310	2022-67011-36455	NATIONAL INST OF FOOD & AGRICULTURE	350	-
U.S. Dept of Agriculture	Direct	10.310	2022-67011-36455	NATIONAL INST OF FOOD & AGRICULTURE	50,598	-
U.S. Dept of Agriculture	Direct	10.310	2022-67011-36562	NATIONAL INST OF FOOD & AGRICULTURE	25,711	-
U.S. Dept of Agriculture	Direct	10.310	2022-67011-36562	NATIONAL INST OF FOOD & AGRICULTURE	50,568	-
U.S. Dept of Agriculture	Direct	10.310	2022-67013-38081	NATIONAL INST OF FOOD & AGRICULTURE	(9,901)	-
U.S. Dept of Agriculture	Direct	10.310	2022-67013-38081	NATIONAL INST OF FOOD & AGRICULTURE	9,901	-
U.S. Dept of Agriculture	Direct	10.310	2023-67011-40348	NATIONAL INST OF FOOD & AGRICULTURE	3,060	-
U.S. Dept of Agriculture	Direct	10.310	2023-67011-40348	NATIONAL INST OF FOOD & AGRICULTURE	53,592	-
U.S. Dept of Agriculture	Direct	10.310	2023-67011-40349	NATIONAL INST OF FOOD & AGRICULTURE	47,283	-
U.S. Dept of Agriculture	Direct	10.310	2023-67011-40398	US DEPT OF AGRICULTURE	46,634	-
U.S. Dept of Agriculture	Direct	10.310	2023-67011-40483	NATIONAL INST OF FOOD & AGRICULTURE	56,328	-
U.S. Dept of Agriculture	Direct	10.310	2023-67013-38785	NATIONAL INST OF FOOD & AGRICULTURE	353	-
U.S. Dept of Agriculture	Direct	10.310	2023-67037-40324	NATIONAL INST OF FOOD & AGRICULTURE	35,323	-
U.S. Dept of Agriculture	Direct	10.310	2023-67037-40324	NATIONAL INST OF FOOD & AGRICULTURE	38,387	-
U.S. Dept of Agriculture	Direct	10.310	2024-67015-41441	NATIONAL INST OF FOOD & AGRICULTURE	6,500	-
U.S. Dept of Agriculture	Direct	10.310	2024-67015-41441	NATIONAL INST OF FOOD & AGRICULTURE	36,340	-
U.S. Dept of Agriculture	Direct	10.311	COVID-19 - 2020-49400-32429	NATIONAL INST OF FOOD & AGRICULTURE	91,878	-
U.S. Dept of Agriculture	Direct	10.311	2020-49400-32429	NATIONAL INST OF FOOD & AGRICULTURE	102,670	27,988
U.S. Dept of Agriculture	Direct	10.311	2021-70033-35833	NATIONAL INST OF FOOD & AGRICULTURE	608	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
OTHER FEDERAL AWARDS (CONTINUED)						
U.S. Dept of Agriculture	Direct	10.311	2021-70033-35833	NATIONAL INST OF FOOD & AGRICULTURE	\$ 153,596	\$ 26,135
U.S. Dept of Agriculture	Direct	10.311	2023-49400-40895	NATIONAL INST OF FOOD & AGRICULTURE	88,394	-
U.S. Dept of Agriculture	Direct	10.329	2018-70006-28883	NATIONAL INST OF FOOD & AGRICULTURE	14,549	-
U.S. Dept of Agriculture	Direct	10.329	2018-70006-28883	NATIONAL INST OF FOOD & AGRICULTURE	164,961	116,854
U.S. Dept of Agriculture	Direct	10.329	2021-70006-35450	NATIONAL INST OF FOOD & AGRICULTURE	766	-
U.S. Dept of Agriculture	Direct	10.329	2021-70006-35450	NATIONAL INST OF FOOD & AGRICULTURE	770	-
U.S. Dept of Agriculture	Direct	10.329	2021-70006-35450	NATIONAL INST OF FOOD & AGRICULTURE	200,281	-
U.S. Dept of Agriculture	Direct	10.333	2023-70019-39367	NATIONAL INST OF FOOD & AGRICULTURE	47,187	11,799
U.S. Dept of Agriculture	Direct	10.336	2018-70024-28817	NATIONAL INST OF FOOD & AGRICULTURE	1,500	-
U.S. Dept of Agriculture	Direct	10.336	2018-70024-28817	NATIONAL INST OF FOOD & AGRICULTURE	60,955	34,313
U.S. Dept of Agriculture	Direct	10.336	2022-70024-37767	NATIONAL INST OF FOOD & AGRICULTURE	77,784	24,188
U.S. Dept of Agriculture	Direct	10.460	RMA22CF0012390	US DEPT OF AGRICULTURE	37,418	-
U.S. Dept of Agriculture	Direct	10.500	2018-41590-28722	NATIONAL INST OF FOOD & AGRICULTURE	32,190	-
U.S. Dept of Agriculture	Direct	10.500	2022-41210-38258	NATIONAL INST OF FOOD & AGRICULTURE	11,771	4,011
U.S. Dept of Agriculture	Direct	10.500	2022-41580-37928	NATIONAL INST OF FOOD & AGRICULTURE	158	-
U.S. Dept of Agriculture	Direct	10.500	2022-41580-37928	NATIONAL INST OF FOOD & AGRICULTURE	107,774	-
U.S. Dept of Agriculture	Direct	10.500	2022-41590-38121	NATIONAL INST OF FOOD & AGRICULTURE	188,174	105,454
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	6,670	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	28,459	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	50,759	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	94,435	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	98,371	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	113,946	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	980,534	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	1,048,171	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	1,185,866	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	1,239,201	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	2,215,649	-
U.S. Dept of Agriculture	Direct	10.511	N21SLBCXXXXG016-SMITH-LEVER	US DEPT OF AGRICULTURE	2,343,944	-
U.S. Dept of Agriculture	Direct	10.511	N22SLBCXXXXG006-SMITH-LEVER	US DEPT OF AGRICULTURE	33,069	-
U.S. Dept of Agriculture	Direct	10.511	N22SLBCXXXXG006-SMITH-LEVER	US DEPT OF AGRICULTURE	53,954	-
U.S. Dept of Agriculture	Direct	10.511	N23SLBCXXXXG048	US DEPT OF AGRICULTURE	139,662	-
U.S. Dept of Agriculture	Direct	10.511	N24SLBCXXXXG032	US DEPT OF AGRICULTURE	30,515	-
U.S. Dept of Agriculture	Direct	10.511	N24SLBCXXXXG032	US DEPT OF AGRICULTURE	171,879	-
U.S. Dept of Agriculture	Direct	10.514	N21EFNEPXXXXG002	US DEPT OF AGRICULTURE	1,781,328	-
U.S. Dept of Agriculture	Direct	10.515	2021-46401-34788	NATIONAL INST OF FOOD & AGRICULTURE	35,118	-
U.S. Dept of Agriculture	Direct	10.515	2021-46401-35958	NATIONAL INST OF FOOD & AGRICULTURE	31,599	-
U.S. Dept of Agriculture	Direct	10.515	N21RREARXXXXG035	US DEPT OF AGRICULTURE	125,956	-
U.S. Dept of Agriculture	Direct	10.516	2020-46100-32815	NATIONAL INST OF FOOD & AGRICULTURE	(4,365)	-
U.S. Dept of Agriculture	Direct	10.516	2020-46100-32815	NATIONAL INST OF FOOD & AGRICULTURE	7,589	-
U.S. Dept of Agriculture	Direct	10.522	2020-70026-33220	NATIONAL INST OF FOOD & AGRICULTURE	1,696	-
U.S. Dept of Agriculture	Direct	10.527	2020-70411-32766	NATIONAL INST OF FOOD & AGRICULTURE	1,083	-
U.S. Dept of Agriculture	Direct	10.527	2020-70411-32766	NATIONAL INST OF FOOD & AGRICULTURE	8,683	-
U.S. Dept of Agriculture	Direct	10.603	EMP-2021-13	FOREIGN AGRICULTURAL SERVICE	202,979	-
U.S. Dept of Agriculture	Direct	10.613	FX23FE-10613R002	FOREIGN AGRICULTURAL SERVICE	22,327	-
U.S. Dept of Agriculture	Direct	10.620	FX22SX-10620R001	FOREIGN AGRICULTURAL SERVICE	149,258	-
U.S. Dept of Agriculture	Direct	10.620	FX22SX-10620R001	FOREIGN AGRICULTURAL SERVICE	173,063	-
U.S. Dept of Agriculture	Direct	10.674	23-DG-11094200-440	USDA FOREST SERVICE	40,990	-
U.S. Dept of Agriculture	Direct	10.680	21-DG-11094200-064	USDA FOREST SERVICE	45,591	-
U.S. Dept of Agriculture	Direct	10.684	23-CA-11132762-398	USDA FOREST SERVICE	10,407	-
U.S. Dept of Agriculture	Direct	10.698	20-DG-11094200-251	USDA FOREST SERVICE	4,464	-
U.S. Dept of Agriculture	Direct	10.699	21-PA-11090400-032	USDA FOREST SERVICE	6,413	-
U.S. Dept of Agriculture	Direct	10.699	22-CS-11242306-072	USDA FOREST SERVICE	232	-
U.S. Dept of Agriculture	Direct	10.699	22-PA-11090400-040	USDA FOREST SERVICE	87,169	-
U.S. Dept of Agriculture	Direct	10.699	23-CS-11090400-029	USDA FOREST SERVICE	24,975	-
U.S. Dept of Agriculture	Direct	10.714	23-JV-11242309-037	USDA FOREST SERVICE	16,452	-
U.S. Dept of Agriculture	Direct	10.777	FX19BF-10777R011	FOREIGN AGRICULTURAL SERVICE	8,817	-
U.S. Dept of Agriculture	Direct	10.777	FX21BF-10777R012	FOREIGN AGRICULTURAL SERVICE	33,746	-
U.S. Dept of Agriculture	Direct	10.777	FX21BF-10777R021	FOREIGN AGRICULTURAL SERVICE	8,854	-
U.S. Dept of Agriculture	Direct	10.868	26-033-030879893	OFFICE OF RURAL DEVELOPMENT	8,575	-
U.S. Dept of Agriculture	Direct	10.868	26-033-030879893	OFFICE OF RURAL DEVELOPMENT	32,181	-
U.S. Dept of Agriculture	Direct	10.868	26-033-030879893	US DEPT OF AGRICULTURE	28,740	-
U.S. Dept of Agriculture	Direct	10.902	NR213A75002C007	NATURAL RESOURCES CONSERVATION SERVICE	2,421	-
U.S. Dept of Agriculture	Direct	10.903	NR203A75002SC009	NATURAL RESOURCES CONSERVATION SERVICE	6,039	-
U.S. Dept of Agriculture	Direct	10.932	NR185021XXXXC002	NATURAL RESOURCES CONSERVATION SERVICE	61,216	-
U.S. Dept of Agriculture	Direct	10.960	FX20TA-10960R014	FOREIGN AGRICULTURAL SERVICE	71,515	-
U.S. Dept of Agriculture	Direct	10.960	FX20TA-10960R018	FOREIGN AGRICULTURAL SERVICE	36,206	-
U.S. Dept of Agriculture	Direct	10.962	FX22CO-10962R006	FOREIGN AGRICULTURAL SERVICE	22,600	-
U.S. Dept of Agriculture	Direct	10.962	FX23CO-10962R004	FOREIGN AGRICULTURAL SERVICE	31,420	-
Direct Total					16,614,220	577,825
U.S. Dept of Agriculture	Pass-through	10.025	G-50346-04	COLORADO STATE UNIV	\$ 692,769	\$ -
U.S. Dept of Agriculture	Pass-through	10.163	MW23240015	MIDWEST ORGANIC SERVICE ASSOCIATION	20,409	-
U.S. Dept of Agriculture	Pass-through	10.163	MW23240015	MIDWEST ORGANIC SERVICE ASSOCIATION	78,776	-
U.S. Dept of Agriculture	Pass-through	10.170		MICHIGAN CHRISTMAS TREE ASSOC	17,037	-
U.S. Dept of Agriculture	Pass-through	10.170	IP00533591	MICHIGAN DEPT OF EDUCATION	7,876	-
U.S. Dept of Agriculture	Pass-through	10.175	IP00553424	KALAMAZOO VALLEY COMMUNITY COLLEGE	16,331	-
U.S. Dept of Agriculture	Pass-through	10.182	IP00596837	MICHIGAN DEPT OF EDUCATION	25,681	-
U.S. Dept of Agriculture	Pass-through	10.215	17001120-008	PURDUE UNIV	12,711	-
U.S. Dept of Agriculture	Pass-through	10.215	H008568326	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	9,987	-
U.S. Dept of Agriculture	Pass-through	10.215	H009187808	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	18,869	-
U.S. Dept of Agriculture	Pass-through	10.215	H009277414	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	26,615	-
U.S. Dept of Agriculture	Pass-through	10.215	H00987618	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	53,080	14,761
U.S. Dept of Agriculture	Pass-through	10.215	H011114506	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	4,259	687
U.S. Dept of Agriculture	Pass-through	10.215	H011114522	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	10,863	-
U.S. Dept of Agriculture	Pass-through	10.217	F0003792902025	PURDUE UNIV	683	-
U.S. Dept of Agriculture	Pass-through	10.310	2019-1507-28	NORTH CAROLINA STATE UNIV	40,377	-
U.S. Dept of Agriculture	Pass-through	10.310	2021-03	CORP FOR A SKILLED WORKFORCE	20,059	-
U.S. Dept of Agriculture	Pass-through	10.310	2238-207-2014193	CLEMSON UNIV	6,232	-
U.S. Dept of Agriculture	Pass-through	10.310	2599-207-2016369	CLEMSON UNIV	10,531	-
U.S. Dept of Agriculture	Pass-through	10.310	S002481-USDA	PENNSYLVANIA STATE UNIV	833	-
U.S. Dept of Agriculture	Pass-through	10.310	SPC-1000005969 GR126643	OHIO STATE UNIV	46,895	-
U.S. Dept of Agriculture	Pass-through	10.328	024575D	IOWA STATE UNIV	5,321	-
U.S. Dept of Agriculture	Pass-through	10.328	024575D	IOWA STATE UNIV	15,054	-
U.S. Dept of Agriculture	Pass-through	10.329	026461A	IOWA STATE UNIV	43,970	-
U.S. Dept of Agriculture	Pass-through	10.329	0264611	NORTH CENTRAL INTEGRATED PEST MANAGEMENT	15,477	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
OTHER FEDERAL AWARDS (CONTINUED)						
U.S. Dept of Agriculture	Pass-through	10.329	028147B	IOWA STATE UNIV	\$ 2,830	\$ -
U.S. Dept of Agriculture	Pass-through	10.334		MICHIGAN FOOD & FARMING SYSTEMS	58,566	-
U.S. Dept of Agriculture	Pass-through	10.460	PD63264	MICHIGAN FOOD & FARMING SYSTEMS	29,338	-
U.S. Dept of Agriculture	Pass-through	10.500	101598-18127	UNIVERSITY OF ILLINOIS	19,270	-
U.S. Dept of Agriculture	Pass-through	10.500	101598-18127	UNIVERSITY OF ILLINOIS	102,826	-
U.S. Dept of Agriculture	Pass-through	10.500	A00-0983-S110	KANSAS STATE UNIV	2,755	-
U.S. Dept of Agriculture	Pass-through	10.500	A00-0983-S110	KANSAS STATE UNIV	4,801	-
U.S. Dept of Agriculture	Pass-through	10.500	ED-2022-0404	SOVEREIGN EQUITY FUND	92,267	22,000
U.S. Dept of Agriculture	Pass-through	10.515	0000001277	UNIVERSITY OF WISCONSIN MADISON	208	-
U.S. Dept of Agriculture	Pass-through	10.525	15000-19825	UNIVERSITY OF ILLINOIS	60,869	-
U.S. Dept of Agriculture	Pass-through	10.525	GG 21000003186	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	75,358	-
U.S. Dept of Agriculture	Pass-through	10.574	23225-TM23P724	MICHIGAN DEPT OF EDUCATION	32,884	-
U.S. Dept of Agriculture	Pass-through	10.579	2023-389USDA-LA-OA-357	ILLINOIS PUBLIC HEALTH INSTITUTE	88,158	-
U.S. Dept of Agriculture	Pass-through	10.664	F9000151802024	PURDUE UNIV	24,950	-
U.S. Dept of Agriculture	Pass-through	10.674	23-00494	US ENDOWMENT FOR FORESTRY & COMMUNITIES INC	37,187	-
U.S. Dept of Agriculture	Pass-through	10.675	IP# 00646570	AMER FORESTS	92,297	-
U.S. Dept of Agriculture	Pass-through	10.680	FA0894-03	MORTON ARBORETUM	7,402	-
U.S. Dept of Agriculture	Pass-through	10.902	F0003326702002	PURDUE UNIV	31,272	-
U.S. Dept of Agriculture	Pass-through	10.935	IP00609383	THE GIVING GROVE	67,064	-
	Pass-through Total				2,028,997	37,448
U.S. Dept of Agriculture Total					18,643,217	615,273
U.S. Dept of Commerce	Direct	11.031	26-08-42215	US DEPT OF COMMERCE	\$ 9,290,564	\$ 9,248,310
	Direct Total				9,290,564	9,248,310
U.S. Dept of Commerce	Pass-through	11.U01	S2020-135	SYNOPTIC DATA CORP	\$ 220,767	\$ -
U.S. Dept of Commerce	Pass-through	11.024	IP00608783	BATTLE CREEK UNLIMITED	27,106	-
U.S. Dept of Commerce	Pass-through	11.407	197012	MINNESOTA DEPT OF NATURAL RESOURCES	12,703	-
U.S. Dept of Commerce	Pass-through	11.407	FISH2 2023-05	MICHIGAN DEPT OF NATURAL RESOURCES	20,907	-
U.S. Dept of Commerce	Pass-through	11.407	RC21NOAA20	ILLINOIS DEPT OF NATURAL RESOURCES	18,826	-
U.S. Dept of Commerce	Pass-through	11.417	1810059-053	PURDUE UNIV	36,742	-
U.S. Dept of Commerce	Pass-through	11.417	F0008309702112	PURDUE UNIV	88,508	-
U.S. Dept of Commerce	Pass-through	11.417	new 1810059-053 old F0008309702053	PURDUE UNIV	6,279	-
U.S. Dept of Commerce	Pass-through	11.429	0001	NORTHEAST MICHIGAN COMMUNITY FOUNDATION	3,956	-
U.S. Dept of Commerce	Pass-through	11.432	SUBK00020463	UNIVERSITY OF MICHIGAN	43,786	-
	Pass-through Total				479,580	-
U.S. Dept of Commerce Total					9,770,144	9,248,310
U.S. Dept of Defense	Direct	12.420	W81XWH-18-1-0233	US DEPT OF THE ARMY	\$ 4,553	\$ -
U.S. Dept of Defense	Direct	12.900	H98230-22-1-0076	NATIONAL SECURITY AGENCY	128,241	-
U.S. Dept of Defense	Direct	12.900	H98230-23-1-0045	NATIONAL SECURITY AGENCY	132,993	-
	Direct Total				265,787	-
U.S. Dept of Defense	Pass-through	12.U04	FA807518D0004 POP73742	BOOZ ALLEN HAMILTON INC	\$ 32,841	\$ -
	Pass-through Total				32,841	-
U.S. Dept of Defense Total					298,628	-
U.S. Dept of Interior	Direct	15.922	P23AP01760-00	NATIONAL PARK SERVICE	\$ 37,062	\$ -
U.S. Dept of Interior	Direct	15.933	P20AP00340	NATIONAL PARK SERVICE	91,623	-
U.S. Dept of Interior	Direct	15.945	P18AC01019	NATIONAL PARK SERVICE	(4)	-
U.S. Dept of Interior	Direct	15.945	P18AC01067	NATIONAL PARK SERVICE	16,072	-
U.S. Dept of Interior	Direct	15.945	P21AC11681-00	NATIONAL PARK SERVICE	108,199	-
	Direct Total				252,952	-
U.S. Dept of Interior	Pass-through	15.608	AINGL22-001	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	\$ 60,375	\$ -
U.S. Dept of Interior	Pass-through	15.630	SF-424A 6f Contractor	ST JAMES TOWNSHIP	19,850	-
U.S. Dept of Interior	Pass-through	15.662	AISGL20-001	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	(8,299)	-
U.S. Dept of Interior	Pass-through	15.662	IP# 00605300	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	30,729	-
	Pass-through Total				102,655	-
U.S. Dept of Interior Total					355,607	-
U.S. Dept of Justice	Direct	16.560	15PNU-23-GG-01939-RESS	NATIONAL INST OF JUSTICE	\$ 16,739	\$ -
U.S. Dept of Justice	Direct	16.582	15PNU-23-GG-01953-NONF	OFFICE OF JUSTICE PROGRAMS	25,442	-
U.S. Dept of Justice	Direct	16.738	2018-DP-BX-K011	US DEPT OF JUSTICE	98,050	-
U.S. Dept of Justice	Direct	16.839	15PBJA-21-GG-04648-STOP	US DEPT OF JUSTICE	428,958	-
	Direct Total				569,189	-
U.S. Dept of Justice	Pass-through	16.045		CITY OF FLINT	\$ 28,098	\$ -
U.S. Dept of Justice	Pass-through	16.045		CITY OF FLINT	38,271	-
U.S. Dept of Justice	Pass-through	16.575	E20243550-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	1,256,474	-
U.S. Dept of Justice	Pass-through	16.575	E20242698-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	190,828	-
U.S. Dept of Justice	Pass-through	16.575	E20233398-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	494,492	-
U.S. Dept of Justice	Pass-through	16.575	E20234209-00-G	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	107,988	-
U.S. Dept of Justice	Pass-through	16.575	E20243563-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	249,459	-
U.S. Dept of Justice	Pass-through	16.582	E20234208-00-AQ	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	43,012	-
U.S. Dept of Justice	Pass-through	16.582	E20243070-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	143,046	-
U.S. Dept of Justice	Pass-through	16.726	15PJDD-21-GG-02766-MENT	NATIONAL 4H COUNCIL	18,663	-
U.S. Dept of Justice	Pass-through	16.726	IP00600079	NATIONAL 4H COUNCIL	1	-
U.S. Dept of Justice	Pass-through	16.738	22-CRIT-02	MICHIGAN STATE POLICE	29,924	-
U.S. Dept of Justice	Pass-through	16.834	E20245345-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	26,017	-
U.S. Dept of Justice	Pass-through	16.839	STOP-MH-1-2020	MICHIGAN STATE POLICE	3,156	-
U.S. Dept of Justice	Pass-through	16.839	SUBK00011620	UNIVERSITY OF MICHIGAN	(25)	-
	Pass-through Total				2,629,404	-
U.S. Dept of Justice Total					3,197,593	-
U.S. Dept of State	Direct	19.040	SBL40023GR5044	US DEPT OF STATE	\$ 2,555	\$ -
U.S. Dept of State	Direct	19.040	SCH25022GR0032	US DEPT OF STATE	50,195	36,863
U.S. Dept of State	Direct	19.040	SET10022GR0033	US EMBASSY IN ETHIOPIA	21,144	-
U.S. Dept of State	Direct	19.040	SF30022GR0022	US EMBASSY IN FINLAND	4,236	-
U.S. Dept of State	Direct	19.040	SJA58022CA0002	US DEPT OF STATE	1,021	-
U.S. Dept of State	Direct	19.040	SJA80021GR3034	US DEPT OF STATE	24,321	-
U.S. Dept of State	Direct	19.040	SJA80023GR0024	US DEPT OF STATE	13,665	-
U.S. Dept of State	Direct	19.124	SAQMP22CA0324	US DEPT OF STATE	240,547	-
U.S. Dept of State	Direct	19.415	SECAGD19CA0102	US DEPT OF STATE	140,197	-
U.S. Dept of State	Direct	19.415	SECAGD21CA3111	US DEPT OF STATE	69,987	-
U.S. Dept of State	Direct	19.415	SECAGD21CA3111	US DEPT OF STATE	171,769	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
OTHER FEDERAL AWARDS (CONTINUED)						
U.S. Dept of State	Direct	19.415	SECAGD22CA0087	US DEPT OF STATE	\$ 113,248	\$ -
U.S. Dept of State	Direct	19.415	SECAGD22CA0087	US DEPT OF STATE	114,908	-
U.S. Dept of State	Direct	19.501	SPK33020CA1042	US DEPT OF STATE	988	-
U.S. Dept of State	Direct	19.501	SPK33021CA3015	US DEPT OF STATE	71,460	-
U.S. Dept of State	Direct	19.501	SPK33021CA3015	US DEPT OF STATE	129,409	-
U.S. Dept of State	Direct	19.900	SKZ10023CA0029	US DEPT OF STATE	23,889	-
Direct Total					1,193,539	36,883
U.S. Dept of State	Pass-through	19.U01	3000287548	NST OF NTL EDUCATION	\$ 62,502	\$ -
U.S. Dept of State	Pass-through	19.U02	3000287548	NST OF NTL EDUCATION	89,779	-
U.S. Dept of State	Pass-through	19.009	FY23-YALLCL-MSU-02	NTL RESEARCH & EXCHANGES BOARD	93,983	-
U.S. Dept of State	Pass-through	19.009	FY23-YALLCL-MSU-02	NTL RESEARCH & EXCHANGES BOARD	100,067	-
U.S. Dept of State	Pass-through	19.009	FY24-YALLCL-MSU-03	NTL RESEARCH & EXCHANGES BOARD	873	-
U.S. Dept of State	Pass-through	19.009	FY24-YALLCL-MSU-03	NTL RESEARCH & EXCHANGES BOARD	33,084	-
U.S. Dept of State	Pass-through	19.010	3000259043	NST OF NTL EDUCATION	(13,115)	-
U.S. Dept of State	Pass-through	19.010	3000259043	NST OF NTL EDUCATION	13,337	-
U.S. Dept of State	Pass-through	19.010	3000303469	NST OF NTL EDUCATION	90,897	-
U.S. Dept of State	Pass-through	19.010	3000303469	NST OF NTL EDUCATION	137,667	-
U.S. Dept of State	Pass-through	19.040		AMER COUNCILS FOR NTL EDUCATION	7,307	-
U.S. Dept of State	Pass-through	19.040		AMER COUNCILS FOR NTL EDUCATION	15,944	-
U.S. Dept of State	Pass-through	19.400	3000327514	MAKERERE UNIVERSITY	8,145	-
U.S. Dept of State	Pass-through	19.400	3000327514	MAKERERE UNIVERSITY	61,865	-
Pass-through Total					702,335	-
U.S. Dept of State Total					1,895,874	36,883
U.S. Dept of Transportation	Pass-through	20.200	HR 20-44(026)	NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM	\$ 23,994	\$ -
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-SPDC	MICHIGAN FITNESS FOUNDATION	1,077	-
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-SPDC	MICHIGAN FITNESS FOUNDATION	7,791	-
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-SPDC	MICHIGAN FITNESS FOUNDATION	63,639	-
U.S. Dept of Transportation	Pass-through	20.205	MSUAP01-SPDC	MICHIGAN FITNESS FOUNDATION	89,147	-
U.S. Dept of Transportation	Pass-through	20.505	2021-0272	MICHIGAN DEPT OF TRANSPORTATION	2,688	2,688
Pass-through Total					188,336	2,688
U.S. Dept of Transportation Total					188,336	2,688
U.S. Dept of Treasury	Direct	21.008	21-LITC0505-03-00	US DEPT OF TREASURY	\$ 79,361	\$ -
Direct Total					79,361	-
U.S. Dept of Treasury	Pass-through	21.027	COVID-19	MICHIGAN STATE HOUSING DEVELOPMENT AUTHORITY	\$ (10,687)	\$ -
U.S. Dept of Treasury	Pass-through	21.027	COVID-19 - 24-WUAC-001	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	8,870	-
U.S. Dept of Treasury	Pass-through	21.027	COVID-19 - E20240061	MICHIGAN DEPT OF ENERGY LABOR & ECONOMIC GROWTH	5,818	-
Pass-through Total					4,001	-
U.S. Dept of Treasury Total					83,362	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC19K1332	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	\$ 6,906	\$ -
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0588	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	5,224	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC20K0588	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	13,138	-
National Aeronautics and Space Administration	Direct	43.001	80NSSC21K0034	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	3,472	-
Direct Total					28,740	-
National Aeronautics and Space Administration	Pass-through	43.U01	HST-HF2-51501.001-A	SPACE TELESCOPE SCIENCE INST	\$ 12,943	\$ -
National Aeronautics and Space Administration	Pass-through	43.U02	HST-HF2-51501.001-A	SPACE TELESCOPE SCIENCE INST	14,023	-
National Aeronautics and Space Administration	Pass-through	43.U03	HST-HF2-51501.001-A	SPACE TELESCOPE SCIENCE INST	102,804	-
National Aeronautics and Space Administration	Pass-through	43.001	117835-26477202	UNIVERSITY OF MARYLAND	11,916	-
Pass-through Total					141,686	-
National Aeronautics and Space Administration Total					170,426	-
National Endowment for the Arts and Humanities	Direct	45.024	1889439-55-22	NATIONAL ENDOWMENT FOR THE ARTS	\$ (5,812)	\$ -
National Endowment for the Arts and Humanities	Direct	45.130	CHA-268776	NATIONAL ENDOWMENT FOR THE HUMANITIES	122,181	-
National Endowment for the Arts and Humanities	Direct	45.149	PG-203129-23	NATIONAL ENDOWMENT FOR THE HUMANITIES	10,000	-
National Endowment for the Arts and Humanities	Direct	45.149	PG-293386-23	NATIONAL ENDOWMENT FOR THE HUMANITIES	8,818	-
National Endowment for the Arts and Humanities	Direct	45.149	PW-277479-21	NATIONAL ENDOWMENT FOR THE HUMANITIES	63,953	14,286
National Endowment for the Arts and Humanities	Direct	45.149	PW-285041-22	NATIONAL ENDOWMENT FOR THE HUMANITIES	103,426	-
National Endowment for the Arts and Humanities	Direct	45.149	PW-290463-23	NATIONAL ENDOWMENT FOR THE HUMANITIES	121,433	-
National Endowment for the Arts and Humanities	Direct	45.149	PW-290494-23	NATIONAL ENDOWMENT FOR THE HUMANITIES	15,306	-
National Endowment for the Arts and Humanities	Direct	45.149	PW-296749-24	NATIONAL ENDOWMENT FOR THE HUMANITIES	9,143	-
National Endowment for the Arts and Humanities	Direct	45.161	RZ29262723	NATIONAL ENDOWMENT FOR THE HUMANITIES	7,737	-
National Endowment for the Arts and Humanities	Direct	45.163	EH-288045-22	NATIONAL ENDOWMENT FOR THE HUMANITIES	35,672	-
National Endowment for the Arts and Humanities	Direct	45.163	EH-288045-22	NATIONAL ENDOWMENT FOR THE HUMANITIES	51,750	-
National Endowment for the Arts and Humanities	Direct	45.169	HAA-284835-22	NATIONAL ENDOWMENT FOR THE HUMANITIES	29,864	-
National Endowment for the Arts and Humanities	Direct	45.301	MA-249384-OMS-21	INST OF MUSEUM & LIBRARY SERVICES	48,769	-
National Endowment for the Arts and Humanities	Direct	45.301	MA-251529-OMS-22	INST OF MUSEUM & LIBRARY SERVICES	7,480	-
National Endowment for the Arts and Humanities	Direct	45.301	MA-30-19-0349-19	INST OF MUSEUM & LIBRARY SERVICES	88,348	-
Direct Total					718,068	14,286
National Endowment for the Arts and Humanities	Pass-through	45.024	COVID-19	ARTS COUNCIL OF GREATER LANSING	\$ 10,000	\$ -
National Endowment for the Arts and Humanities	Pass-through	45.025		MICHIGAN ARTS & CULTURE COUNCL	9,600	-
National Endowment for the Arts and Humanities	Pass-through	45.025		MICHIGAN ARTS & CULTURE COUNCL	12,000	-
National Endowment for the Arts and Humanities	Pass-through	45.025	23PS6197	MICHIGAN ARTS & CULTURE COUNCL	3,520	-
National Endowment for the Arts and Humanities	Pass-through	45.025	23PS6259	MICHIGAN ARTS & CULTURE COUNCL	726	-
National Endowment for the Arts and Humanities	Pass-through	45.025	23PS6451	MICHIGAN COUNCIL FOR ARTS & CULTURAL AFFAIRS	8,702	-
National Endowment for the Arts and Humanities	Pass-through	45.025	23PS6760	MICHIGAN ARTS & CULTURE COUNCL	11,896	-
National Endowment for the Arts and Humanities	Pass-through	45.025	24PS8714	MICHIGAN ARTS & CULTURE COUNCL	12,551	-
National Endowment for the Arts and Humanities	Pass-through	45.025	24PS8926	MICHIGAN ARTS & CULTURE COUNCL	3,660	-
National Endowment for the Arts and Humanities	Pass-through	45.129		MICHIGAN HUMANITIES COUNCL	2,928	-
National Endowment for the Arts and Humanities	Pass-through	45.129	HU019-23	MICHIGAN HUMANITIES COUNCL	608	-
National Endowment for the Arts and Humanities	Pass-through	45.129	HU080-22	MICHIGAN HUMANITIES COUNCL	13,210	-
National Endowment for the Arts and Humanities	Pass-through	45.164		SOCIAL SCIENCE RESEARCH COUNCL	(762)	-
National Endowment for the Arts and Humanities	Pass-through	45.164		SOCIAL SCIENCE RESEARCH COUNCL	17,610	-
National Endowment for the Arts and Humanities	Pass-through	45.164	94-MD4-2022BMPU	NATIONAL WRITING PROJECT CORP	2,057	-
Pass-through Total					108,306	-
National Endowment for the Arts and Humanities Total					826,374	14,286
Smithsonian Institution	Direct	60.U01	IP 0064 1431	SMITHSONIAN INSTITUTION	\$ 554	\$ -
Smithsonian Institution	Direct	60.U02	22-PO-620-0000479046	SMITHSONIAN INSTITUTION	113,358	-
Direct Total					113,912	-
Smithsonian Institution Total					113,912	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
OTHER FEDERAL AWARDS (CONTINUED)						
U.S. Dept of Veterans Affairs	Direct	64.U01	00640403	US DEPT OF VETERANS AFFAIRS	\$ (102)	\$ -
U.S. Dept of Veterans Affairs	Direct	64.U02	00641162	US DEPT OF VETERANS AFFAIRS	(71)	-
Direct Total					(173)	-
U.S. Dept of Veterans Affairs Total					(173)	-
Environmental Protection Agency	Direct	66.716	83927401	US ENVIRONMENTAL PROTECTION AGENCY	\$ 1,331	\$ -
Environmental Protection Agency	Direct	66.716	83927401	US ENVIRONMENTAL PROTECTION AGENCY	74,821	-
Environmental Protection Agency	Direct	66.716	83927401	US ENVIRONMENTAL PROTECTION AGENCY	371,312	141,211
Direct Total					447,464	141,211
Environmental Protection Agency	Pass-through	66.309	A010468601	UNIVERSITY OF MINNESOTA	\$ 53,896	\$ -
Environmental Protection Agency	Pass-through	66.309	A011137106	UNIVERSITY OF MINNESOTA	90,364	-
Environmental Protection Agency	Pass-through	66.460	2020-0001	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	27,062	-
Environmental Protection Agency	Pass-through	66.469	54657	WASHTENAW COUNTY WATER RESOURCES	24,568	-
Environmental Protection Agency	Pass-through	66.605	24000001210	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	18,223	-
Environmental Protection Agency	Pass-through	66.605	CG 237909	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	22,204	-
Environmental Protection Agency	Pass-through	66.608	AQDGG2020P1	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	28,349	-
Environmental Protection Agency	Pass-through	66.716	PSEFMP-2024-2444	EXTENSION FOUNDATION	581	-
Environmental Protection Agency	Pass-through	66.716	PSEFMP-2024-2487	EXTENSION FOUNDATION	17,491	-
Pass-through Total					283,138	-
Environmental Protection Agency Total					730,602	141,211
U.S. Dept of Energy	Direct	81.049	DE-SC0023877	US DEPT OF ENERGY	\$ 8,599	\$ -
Direct Total					8,599	-
U.S. Dept of Energy	Pass-through	81.U01	660482	PACIFIC NORTHWEST NATIONAL LABORATORY	\$ 37,591	\$ -
U.S. Dept of Energy	Pass-through	81.U02	7731832	LAWRENCE BERKELEY NATIONAL LABORATORY	19,997	-
Pass-through Total					57,588	-
U.S. Dept of Energy Total					66,187	-
U.S. Dept of Education	Direct	84.015	P015A220108	US DEPT OF EDUCATION	\$ 75,026	\$ -
U.S. Dept of Education	Direct	84.015	P015B220106	US DEPT OF EDUCATION	104,266	-
U.S. Dept of Education	Direct	84.015	P015B220164	US DEPT OF EDUCATION	291,484	-
U.S. Dept of Education	Direct	84.015	P015B220165	US DEPT OF EDUCATION	363,801	-
U.S. Dept of Education	Direct	84.017	P017A230036	US DEPT OF EDUCATION	26,490	-
U.S. Dept of Education	Direct	84.022	P022A190039	US DEPT OF EDUCATION	(478)	-
U.S. Dept of Education	Direct	84.032	FFELP Loans Receivable	US DEPT OF EDUCATION	457,533	-
U.S. Dept of Education	Direct	84.129	H129B190046	US DEPT OF EDUCATION	38,230	-
U.S. Dept of Education	Direct	84.129	H129B190046	US DEPT OF EDUCATION	104,000	-
U.S. Dept of Education	Direct	84.141	S141A190022	US DEPT OF EDUCATION	693,231	-
U.S. Dept of Education	Direct	84.149	S149A200014	US DEPT OF EDUCATION	536,127	-
U.S. Dept of Education	Direct	84.215	S215K220137	US DEPT OF EDUCATION	304,566	-
U.S. Dept of Education	Direct	84.215	S215K230230	US DEPT OF EDUCATION	34,387	-
U.S. Dept of Education	Direct	84.229	P229A220008	US DEPT OF EDUCATION	147,879	-
U.S. Dept of Education	Direct	84.305	R305B200009	US DEPT OF EDUCATION	164,679	-
U.S. Dept of Education	Direct	84.305	R305B200009	US DEPT OF EDUCATION	712,812	-
U.S. Dept of Education	Direct	84.325	H325D220056	US DEPT OF EDUCATION	115,887	48,364
U.S. Dept of Education	Direct	84.325	H325D220056	US DEPT OF EDUCATION	167,448	-
U.S. Dept of Education	Direct	84.325	H325R230039	US DEPT OF EDUCATION	27,667	-
U.S. Dept of Education	Direct	84.325	H325R230039	US DEPT OF EDUCATION	88,678	-
U.S. Dept of Education	Direct	84.334	GEAR UP	US DEPT OF EDUCATION	28,000	-
U.S. Dept of Education	Direct	84.335	P335A220042	US DEPT OF EDUCATION	736,460	-
Direct Total					5,218,173	48,364
U.S. Dept of Education	Pass-through	84.U01	20000002035 DO 2000017752 DO230000015174 DO 240000005877	MICHIGAN DEPT OF EDUCATION	\$ 68,066	\$ -
U.S. Dept of Education	Pass-through	84.010		GOGEBC ONTAMAGON INTERMEDIATE SCHOOL DISTRICT	25,274	-
U.S. Dept of Education	Pass-through	84.010	18-0053	DETROIT PUBLIC SCHOOLS	2,809	-
U.S. Dept of Education	Pass-through	84.010	18-0053	DETROIT PUBLIC SCHOOLS	69,163	-
U.S. Dept of Education	Pass-through	84.011		MICHIGAN DEPT OF EDUCATION	143,853	-
U.S. Dept of Education	Pass-through	84.011	241850-2324	MICHIGAN DEPT OF EDUCATION	104,928	-
U.S. Dept of Education	Pass-through	84.116	2619-210-2014955	CLEMSON UNIV	39,982	-
U.S. Dept of Education	Pass-through	84.325	61319AM2	VANDERBILT UNIV	135,082	-
U.S. Dept of Education	Pass-through	84.334	30002550	DEPT OF LABOR & ECONOMIC OPPORTUNITY	433,667	-
U.S. Dept of Education	Pass-through	84.334	330002550	DEPT OF LABOR & ECONOMIC OPPORTUNITY	194,848	-
U.S. Dept of Education	Pass-through	84.421	MRS-MSU-Disability Innovation Fund-22-26	MICHIGAN REHABILITATION SERVICES	2,115,782	-
U.S. Dept of Education	Pass-through	84.423	11094-MSU	WESTERN MICHIGAN UNIV	61,760	-
Pass-through Total					3,396,211	-
U.S. Dept of Education Total					8,614,384	-
Vietnam Education Foundation	Direct	85.802	SCHOOL CERTIFYING OFFICIALS	VIETNAM EDUCATION FOUNDATION	\$ 608	\$ -
Direct Total					608	-
Vietnam Education Foundation Total					608	-
U.S. Dept of Health and Human Services	Direct	93.U01	21PA211279	CENTERS FOR DISEASE CONTROL & PREVENTION	\$ 15,133	\$ -
U.S. Dept of Health and Human Services	Direct	93.103	1U18FD008025-01	FOOD & DRUG ADMINISTRATION	6,198	-
U.S. Dept of Health and Human Services	Direct	93.103	1U18FD008026-01	FOOD & DRUG ADMINISTRATION	5,834	-
U.S. Dept of Health and Human Services	Direct	93.103	U18FD006175	FOOD & DRUG ADMINISTRATION	32,462	-
U.S. Dept of Health and Human Services	Direct	93.124	A22HP30937-07-00	HEALTH RESOURCES & SERVICES ADMINISTRATION	19,635	-
U.S. Dept of Health and Human Services	Direct	93.143	1R13E5036079-01	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	7,125	-
U.S. Dept of Health and Human Services	Direct	93.157	D34HP24457	HEALTH RESOURCES & SERVICES ADMINISTRATION	2,261	-
U.S. Dept of Health and Human Services	Direct	93.197	NUJE2E001472	CENTERS FOR DISEASE CONTROL & PREVENTION	4,505,738	462,717
U.S. Dept of Health and Human Services	Direct	93.247	1799HP420590100	HEALTH RESOURCES & SERVICES ADMINISTRATION	191,154	-
U.S. Dept of Health and Human Services	Direct	93.247	T96HP42059	HEALTH RESOURCES & SERVICES ADMINISTRATION	297,869	-
U.S. Dept of Health and Human Services	Direct	93.262	U60CH008466	NATIONAL INST FOR OCCUPATIONAL SAFETY & HEALTH	699,627	25,697
U.S. Dept of Health and Human Services	Direct	93.734	90CSS00601-01-00	ADMINISTRATION FOR COMMUNITY LIVING	217,842	-
U.S. Dept of Health and Human Services	Direct	93.859	T32GM142521	NATIONAL INST OF GENERAL MEDICAL SCIENCES	3,942	-
U.S. Dept of Health and Human Services	Direct	93.859	T32GM142521	NATIONAL INST OF GENERAL MEDICAL SCIENCES	303,187	-
U.S. Dept of Health and Human Services	Direct	93.976	K02HP30816	HEALTH RESOURCES & SERVICES ADMINISTRATION	2,027	-
Direct Total					6,310,034	488,414
U.S. Dept of Health and Human Services	Pass-through	93.U01	MA 23000000738	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	\$ 5,193	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.001	AOEC Exposure Code	ASSOC OF OCCUPATIONAL & ENVIRONMENTAL CLINICS	35,537	-
U.S. Dept of Health and Human Services	Pass-through	93.043	2023-1	NORTHWEST SENIOR RESOURCES INC DBA AREA AGENCY ON AGNG OF NW MI	14,836	-
U.S. Dept of Health and Human Services	Pass-through	93.043	IP00678893	NORTHWEST SENIOR RESOURCES INC DBA AREA AGENCY ON AGNG OF NW MI	611	-
U.S. Dept of Health and Human Services	Pass-through	93.069	E20242252-00 - B	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	34,270	-

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	Direct/Pass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
OTHER FEDERAL AWARDS (CONTINUED)						
U.S. Dept of Health and Human Services	Pass-through	93.080		HEMOPHILIA FOUNDATION OF MICHIGAN	\$ 41,701	\$ -
U.S. Dept of Health and Human Services	Pass-through	93.080	CDC 442 22-23	HEMOPHILIA FOUNDATION OF MICHIGAN	13,980	-
U.S. Dept of Health and Human Services	Pass-through	93.103	22000003004	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	(550)	-
U.S. Dept of Health and Human Services	Pass-through	93.103	22000003004	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	752	-
U.S. Dept of Health and Human Services	Pass-through	93.103	23000003195	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	13,092	-
U.S. Dept of Health and Human Services	Pass-through	93.103	23000003195	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	104,041	-
U.S. Dept of Health and Human Services	Pass-through	93.103	IP 00629897	NATIONAL ASSOC OF STATE DEPT OF AG	(4,282)	-
U.S. Dept of Health and Human Services	Pass-through	93.103	IP00695653	NATIONAL ASSOC OF STATE DEPT OF AG	4,508	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20232539-00-AA	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	6,480	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20233510-00-J	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	8,729	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20234382-00-X	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	4,119	-
U.S. Dept of Health and Human Services	Pass-through	93.110	MCHIB 442 22-23	HEMOPHILIA FOUNDATION OF MICHIGAN	(225)	-
U.S. Dept of Health and Human Services	Pass-through	93.110	MCHIB 442 22-23	HEMOPHILIA FOUNDATION OF MICHIGAN	29,984	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20243025-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	19,150	-
U.S. Dept of Health and Human Services	Pass-through	93.110	E20242599-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	11,988	-
U.S. Dept of Health and Human Services	Pass-through	93.11	NHSA- MSU Flint- 2024	COREWELL HEALTH	11,805	-
U.S. Dept of Health and Human Services	Pass-through	93.110	NHSA- MSU-2020-443	SPECTRUM HEALTH SYSTEM	21,262	-
U.S. Dept of Health and Human Services	Pass-through	93.110	SUBK00019104	UNIVERSITY OF MICHIGAN	5,222	-
U.S. Dept of Health and Human Services	Pass-through	93.113	10009736-MSU01	BOWLING GREEN STATE UNIVERSITY	24,542	-
U.S. Dept of Health and Human Services	Pass-through	93.137	2	ARAB COMMUNITY CENTER FOR ECONOMIC & SOCIAL SERVICES	25,706	-
U.S. Dept of Health and Human Services	Pass-through	93.137	MSU PD 48473	GREATER FLINT HEALTH COALITION	33,186	-
U.S. Dept of Health and Human Services	Pass-through	93.243		CITY OF FLINT	84,717	-
U.S. Dept of Health and Human Services	Pass-through	93.243	0000002558	UNIVERSITY OF WISCONSIN MADISON	81,008	-
U.S. Dept of Health and Human Services	Pass-through	93.243	0000003138	UNIVERSITY OF WISCONSIN MADISON	62,419	-
U.S. Dept of Health and Human Services	Pass-through	93.243	IP00531634	CITY OF FLINT	42,544	-
U.S. Dept of Health and Human Services	Pass-through	93.268	COVID-19 - E20233891-00-D	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	539,495	-
U.S. Dept of Health and Human Services	Pass-through	93.268	E20242123-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	743,894	-
U.S. Dept of Health and Human Services	Pass-through	93.304		GREATER FLINT HEALTH COALITION	140,298	-
U.S. Dept of Health and Human Services	Pass-through	93.323	E20235324-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	56,450	-
U.S. Dept of Health and Human Services	Pass-through	93.395		IASO THERAPEUTICS INC	6,221	-
U.S. Dept of Health and Human Services	Pass-through	93.395	WSU24006	WAYNE STATE UNIV	71,509	-
U.S. Dept of Health and Human Services	Pass-through	93.421	FIG Year 3	ASSOC FOR STATE PUBLIC HEALTH NUTRITIONISTS	248	-
U.S. Dept of Health and Human Services	Pass-through	93.439	E20245329-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	50,742	-
U.S. Dept of Health and Human Services	Pass-through	93.556	E20232747-00-R	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	240,471	-
U.S. Dept of Health and Human Services	Pass-through	93.556	E20243024-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	762,118	61,586
U.S. Dept of Health and Human Services	Pass-through	93.648	3-95862	THE RESEARCH FOUNDATION FOR THE STATE UNIV OF NEW YORK	260,877	-
U.S. Dept of Health and Human Services	Pass-through	93.658	SUBK00020524	UNIVERSITY OF MICHIGAN	169,960	-
U.S. Dept of Health and Human Services	Pass-through	93.674	MA220000001191	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	109,754	-
U.S. Dept of Health and Human Services	Pass-through	93.738	MSU PD 54383	GREATER FLINT HEALTH COALITION	13,090	-
U.S. Dept of Health and Human Services	Pass-through	93.788	E20242820-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	656,618	79,122
U.S. Dept of Health and Human Services	Pass-through	93.837	R1-30000984	COREWELL HEALTH	29,959	-
U.S. Dept of Health and Human Services	Pass-through	93.853	SUBK00020905	UNIVERSITY OF MICHIGAN	10,515	-
U.S. Dept of Health and Human Services	Pass-through	93.859	11001041-072	PURDUE UNIV	3,554	-
U.S. Dept of Health and Human Services	Pass-through	93.859	4500002876	BOSTON UNIV	16,824	-
U.S. Dept of Health and Human Services	Pass-through	93.859	A21-0534-S005	UNIVERSITY OF CALIFORNIA DAVIS	8,875	-
U.S. Dept of Health and Human Services	Pass-through	93.889	E20232988-00-C	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	6,413	-
U.S. Dept of Health and Human Services	Pass-through	93.912	01	MUNSONHEALTHCARE	19,060	-
U.S. Dept of Health and Human Services	Pass-through	93.926	HRSA-MSU-2020-2005-093 HRSA-AC-2023-2005-93	SPECTRUM HEALTH SYSTEM	85,398	-
U.S. Dept of Health and Human Services	Pass-through	93.926	HRSA-MSU-2024	COREWELL HEALTH	13,154	-
U.S. Dept of Health and Human Services	Pass-through	93.989	5129299	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	3,240	-
U.S. Dept of Health and Human Services	Pass-through	93.991	E20244924-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	20,602	-
U.S. Dept of Health and Human Services	Pass-through	93.994	E20232264-00-M	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	151	-
U.S. Dept of Health and Human Services	Pass-through	93.994	E20242821-00	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	5,563	-
Pass-through Total					4,781,288	140,708
U.S. Dept of Health and Human Services Total					11,091,322	140,708
Corporation for National and Community Service	Direct	94.013	19VSNM005	CORP FOR NATIONAL & COMMUNITY SERVICE AMERCORPS	\$ 52,171	\$ -
Direct Total					52,171	-
Corporation for National and Community Service	Pass-through	94.006	24-MCSC-MACFF-08	MICHIGAN COMMUNITY SERVICE COMMISSION	\$ 45,358	-
Corporation for National and Community Service	Pass-through	94.006	24-MCSC-MACFFP-07	MICHIGAN COMMUNITY SERVICE COMMISSION	4,623	-
Pass-through Total					49,981	-
Corporation for National and Community Service Total					102,152	-
U.S. Dept of Homeland Security	Pass-through	97.036	COVID-19 - PA-05-MH4494-PW-00121(0)	MICHIGAN STATE POLICE	\$ (1,108)	\$ -
Pass-through Total					(1,108)	-
U.S. Dept of Homeland Security Total					(1,108)	-
U.S. Agency for International Development	Direct	98.001	72061521CA00019	US AGENCY FOR INTL DEVELOPMENT	\$ 265,111	\$ -
U.S. Agency for International Development	Direct	98.001	72065621CA00007	US AGENCY FOR INTL DEVELOPMENT	489,429	237,728
U.S. Agency for International Development	Direct	98.001	AID-OAA-A-13-00006	US AGENCY FOR INTL DEVELOPMENT	(10,833)	-
Direct Total					743,707	237,728
U.S. Agency for International Development	Pass-through	98.001	2023-MSU-001	TETRA TECH INC	\$ 1,340	\$ -
U.S. Agency for International Development	Pass-through	98.001	A20-0163-S035	KANSAS STATE UNIV	118,422	-
U.S. Agency for International Development	Pass-through	98.001	HSEA-002	CHEMONICS INTL INC	661,797	-
Pass-through Total					781,559	-
U.S. Agency for International Development Total					1,525,266	237,728
OTHER FEDERAL AWARDS TOTAL					57,672,713	10,973,845
TOTAL FEDERAL EXPENDITURES					\$ 981,496,180	\$ 67,629,152

Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Federal Agency	DirectPass-through	ALN (Note 4)	Award Number	Grantor	Federal Expenditures	Subrecipient Payments
SUMMARY OF EXPENDITURES BY FEDERAL AGENCY						
U.S. Dept of Energy					\$ 157,223,188	\$ 3,506,769
U.S. Dept of Health and Human Services					148,374,728	29,762,555
National Science Foundation					72,497,035	3,598,374
U.S. Dept of Agriculture					67,760,580	7,210,457
U.S. Dept of Education					66,790,651	1,103,262
U.S. Dept of Defense					23,770,801	2,017,893
U.S. Agency for International Development					19,107,483	8,506,584
U.S. Dept of Commerce					11,384,458	9,270,538
U.S. Dept of Justice					5,393,147	139,407
National Aeronautics and Space Administration					5,117,659	687,464
U.S. Dept of Interior					4,965,463	301,657
U.S. Dept of Transportation					3,108,365	316,428
Office of the Director of National Intelligence					2,995,029	555,198
Environmental Protection Agency					2,440,694	526,478
U.S. Dept of State					2,109,959	67,054
National Endowment for the Arts and Humanities					950,808	23,887
U.S. Dept of Homeland Security					748,145	45,147
U.S. Dept of Housing and Urban Development					368,538	-
U.S. Dept of Treasury					142,517	-
U.S. Dept of Labor					119,574	-
Smithsonian Institution					113,912	-
Corporation for National and Community Service					102,152	-
Vietnam Education Foundation					608	-
U.S. Dept of Veterans Affairs					(173)	-
					<u>595,585,321</u>	<u>67,629,152</u>
SUMMARY OF LOAN BALANCES BY FEDERAL AGENCY						
U.S. Dept of Education					371,897,012	-
U.S. Dept of Health and Human Services					14,013,847	-
					<u>385,910,859</u>	<u>-</u>
TOTAL FEDERAL EXPENDITURES					\$ 981,496,180	\$ 67,629,152

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Note 1 - Basis of Presentation

The accompanying schedule of expenditures of federal awards (the "Schedule") includes the federal grant activity of Michigan State University (the "University") under programs of the federal government for the year ended June 30, 2024. 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* (the "Uniform Guidance"). Because the Schedule presents only a selected portion of the operations of the University, it is not intended to and does not present the financial position, changes in net position, or cash flows of the University.

Note 2 - Summary of Significant Accounting Policies

Expenditures reported in the Schedule are reported on an accrual 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*, wherein certain types of expenditures are not allowable or are limited as to reimbursement. 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. The pass-through entity identifying numbers are presented where available.

The University has elected not to use the 10 percent *de minimis* indirect cost rate to recover indirect costs, as allowed under the Uniform Guidance.

Included as federal expenditures are indirect costs of \$125,775,946, which are based on the approved university rate agreement negotiated with the cognizant agency. The negotiated rate is effective from July 1, 2023 through June 30, 2027.

Note 3 - Commingled Funds

Certain miscellaneous pass-through funds consist of commingled funds from federal and nonfederal sources. The commingled component cannot be separated to specify the individual funding sources; therefore, the total amount is included in the schedule of expenditures of federal awards.

Note 4 - Assistance Listing Numbers (ALN)

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

Note 5 - Loans Balances

As part of the Student Financial Assistance Cluster, the University participates in the Federal Perkins Loan Program through the U.S. Department of Education, the Health Professional Student Loan Program, and the Nurse Faculty Loan Program, all through the U.S. Department of Health and Human Services. These loan programs are directly administered by the University and are considered revolving loan programs where collections received on past loans, including interest, and new funds received from federal agencies with university matching requirements are loaned out to current students. The loans disbursed during the year and year-end outstanding balances for these loans are disclosed below:

Assistance Listing Number	Loan Program	Loans Issued	Loan Balances
84.038	Federal Perkins Loans	\$ -	\$ 4,843,247
93.264	Nurse Faculty Loans	53,710	356,303
93.342	Health Professional Student Loans	1,305,322	11,054,187
93.364	Nursing Student Loans	16,000	25,177
		<u>\$ 1,375,032</u>	<u>\$ 16,278,914</u>

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2024

Note 5 - Loans Balances (Continued)

The Federal Perkins Loan Program expired on September 30, 2017, which ended the issuance of new loans under this program and disallowed any new disbursements after June 30, 2018. The University continues to service outstanding loans in accordance with program specifications, as permitted by the federal government.

The University participates in the Federal Direct Student Loan Program (FDLs). A total of \$365,328,029 of the amount presented in the schedule of expenditures of federal awards represents the value of the new FDLs accepted by students during the year ended June 30, 2024.

The University participated in the discontinued U.S. Department of Education Federal Family Education Loan Program and continues to hold and service loans with a total outstanding balance of \$287,371 at June 30, 2024.

Note 6 - Federal Work-Study Program Adjustments and Transfers

During the year ended June 30, 2024, Federal Work-Study Program funds were transferred in accordance with federal guidelines. The transfers were as follows:

Transferred from	Amount	Transferred to
Federal Work-Study 2023-2024	\$ 351,029	Federal Supplemental Educational Opportunity Grant 2023-2024
Federal Work-Study 2022-2023	47,714	Federal Work Study 2023-2024
Federal Work-Study 2023-2024	259,934	Federal Work Study 2024-2025
Total	<u>\$ 658,677</u>	

Schedule of Findings and Questioned Costs

Schedule of Findings and Questioned Costs

Year Ended June 30, 2024

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

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? Yes No
- Significant deficiency(ies) identified that are not considered to be material weaknesses? Yes None reported
- Any audit findings disclosed that are required to be reported in accordance with Section 2 CFR 200.516(a)? Yes No

Identification of major programs:

Assistance Listing Number	Name of Federal Program or Cluster	Opinion
Various	Student Financial Assistance Cluster	Unmodified
84.032	Federal Family Education Loan Program - Lenders	Unmodified
10.561	SNAP Cluster - Supplemental Nutrition Assistance Program	Unmodified
11.031	Broadband Infrastructure Program	Unmodified

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

Auditee qualified as low-risk auditee? Yes No

Section II - Financial Statement Audit Findings

None

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2024

Section III - Federal Program Audit Findings

Reference Number	Finding
2024-001	<p>Assistance Listing Number, Federal Agency, and Program Name - Student Financial Assistance Cluster - Federal Direct Student Loan Program ALN 84.268</p> <p>Federal Award Identification Number and Year - Various</p> <p>Pass-through Entity - None</p> <p>Finding Type - Significant deficiency</p> <p>Repeat Finding - Yes</p> <p>2023-003</p> <p>Criteria - Before an institution disburses Title IV, HEA program funds for any award year, the institution must notify a student of the amount of funds that the student or his or her parent can expect to receive under each Title IV, HEA program and how and when those funds will be disbursed. If those funds include Direct Loan Program funds, the notice must indicate which funds are from subsidized loans, which are from unsubsidized loans, and which are from PLUS loans.</p> <p>Except in the case of a postwithdrawal disbursement made in accordance with Sec. 668.22(a)(5), if an institution credits a student's account at the institution with Federal Direct Loans, the institution must notify the student or parent of the following:</p> <ul style="list-style-type: none"> (i) The anticipated date and amount of the disbursement (ii) The student's or parent's right to cancel all or a portion of that loan or loan disbursement and have the loan proceeds returned to the secretary (iii) The procedures and the time by which the student or parent must notify the institution that he or she wishes to cancel the loan or loan disbursement. <p>Condition - The notifications related to the direct loan borrowers did not include information on the right to cancel or instructions on how to cancel the loans.</p> <p>Questioned Costs - None</p> <p>Identification of How Questioned Costs Were Computed - N/A</p> <p>Context - Of the 50 students tested for eligibility with Federal Direct Loans, the disbursement notification sent to the student and/or parent did not include information on the right to cancel or instructions on how to cancel for 3 students/parents during the fall 2023 semester.</p> <p>Cause and Effect - The University did not have a control in place during the entire year to ensure information on the right to cancel or instructions on how to cancel Federal Direct Loans included in the borrower notifications. As a result, borrowers may not have been aware of their right to cancel and how to cancel their Federal Direct Loans.</p> <p>Recommendation - The University should implement controls to ensure information on the right to cancel or instructions on how to cancel Federal Direct Loans are properly included in the borrower notifications.</p> <p>Views of Responsible Officials and Corrective Action Plan - Management agrees with the finding, and this issue was fully corrected in January 2024.</p>