Financial Statements and Uniform Guidance Supplementary Information and Reports of Independent Certified Public Accountants as Required by Title 2 U.S. Code of Federal Regulations (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards,* and *Government Auditing Standards*, and Related Information

Year Ended June 30, 2023

Table of Contents

	Page(s)
Report of Independent Certified Public Accountants	1–3
Financial Statements:	
Balance Sheets	4
Statements of Activities	5
Statements of Cash Flows	6
Notes to Financial Statements	7–26
Supplementary Information	27
Schedule of Expenditures of Federal Awards	28–77
Notes to Schedule of Expenditures of Federal Awards	78
Report of Independent Certified Public Accountants on Internal Control over Financial Reporting and on Compliance and Other Matters Required by <i>Government Auditing Standards</i>	79–80
Report of Independent Certified Public Accountants on Compliance for Each Major Federal Program and on Internal Control Over Compliance Required by the Uniform Guidance	81–83
Schedule of Findings and Questioned Costs	84–85



GRANT THORNTON LLP

757 Third Ave., 9th Floor New York, NY 10017-2013

D +1 212 599 0100

+1 212 399 0100

REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

The Board of Directors

The Research Foundation for The State University of New York

Report on the Financial Statements

Opinion

We have audited the financial statements of The Research Foundation for The State University of New York (the "Foundation"), which comprise the balance sheet as of June 30, 2023, and the related statements of activities and cash flows for the year then ended, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Foundation as of June 30, 2023, and the changes in its net assets and its cash flows for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit of the financial statements in accordance with auditing standards generally accepted in the United States of America (US GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States (*Government Auditing Standards*). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Foundation and to meet our other ethical responsibilities in accordance with the 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 audit opinion.

Emphasis of Matter

As discussed in Notes 2 and 8 to the financial statements in 2023, the Foundation adopted Accounting Standards Update (ASU) No. 2016-02, *Leases (Topic 842)*. Our opinion is not modified with respect to this matter.

Other Matter

The financial statements of the Foundation as of and for the year ended June 30, 2022 were audited by other auditors who expressed an unmodified opinion on those financial statements in their report dated October 7, 2022.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.



In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Foundation's ability to continue as a going concern for one year after the date the financial statements are issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. 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 US GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

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

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, 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 amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design
 audit procedures that are appropriate in the circumstances, but not for the
 purpose of expressing an opinion on the effectiveness of the Foundation's
 internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Foundation's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplementary Information

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The schedule of expenditures of federal awards, as required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, is presented for purposes of additional analysis and is not a required part of the financial statements. Such supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records



used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures. These additional procedures included comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with US GAAS. In our opinion, the accompanying supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated September 29, 2023 on our consideration of the Foundation's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Foundation's internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Foundation's internal control over financial reporting and compliance.

New York, New York

Grant Thornton LLP

September 29, 2023 (except for our report on the Schedule of Expenditures of Federal Awards for which the date is December 11, 2023)

Balance Sheets

June 30, 2023 and June 30, 2022

Assets		6/30/23	6/30/22
Current Assets:			
Cash and cash equivalents	\$	129,100	19,509,203
Accounts receivable, net		223,015,006	190,387,098
Advances to others Investments		22,651,944 474,596,119	19,271,951
Due from broker for securities sold		43,401,516	523,589,836 7,500,004
Other current assets		472,675	1,100,307
Total current assets	-	764,266,360	761,358,399
	=	704,200,000	701,000,000
Noncurrent Assets:		470 005 404	404 400 000
Investments		178,085,431	134,428,683
Fixed assets, net		467,610,275	525,464,494
Right to use asset related to operating leases, net		104,358,103	7 222 549
Intangible assets, net Other noncurrent assets		5,202,577 8,704,109	7,232,548 8,284,255
Total noncurrent assets	-	763,960,495	675,409,980
	_		
Total assets	\$ <u>_</u>	1,528,226,855	1,436,768,379
Liabilities and Net Assets			
Current Liabilities:			
Accounts payable and accrued expenses	\$	146,191,530	158,544,195
Deferred revenue		222,435,911	267,392,230
Deposits held for others		40,085,368	41,808,386
Due to broker for securities purchased		10,290,539	-
Current portion of operating lease obligations		9,161,482	-
Current portion of finance lease obligations		23,664,522	21,803,357
Current portion of long-term debt		1,035,714	1,030,714
Line of credit	_	1,570,000	9,500,000
Total current liabilities	-	454,435,066	500,078,882
Noncurrent Liabilities:			
Post-retirement benefit obligation		4,126,500	18,975,231
Operating lease obligations, net of current portion		95,339,831	-
Finance lease obligations, net of current portion		134,114,037	157,778,559
Long-term debt, net of current portion		3,259,286	4,295,000
Other liabilities	=	8,812,714	8,537,610
Total noncurrent liabilities	_	245,652,368	189,586,400
Total liabilities		700,087,434	689,665,282
Net assets:			
Without donor restrictions		797,197,175	726,689,959
With donor restrictions	_	30,942,246	20,413,138
Total net assets	-	828,139,421	747,103,097
Total liabilities and net assets	\$ _	1,528,226,855	1,436,768,379

The accompanying notes are an integral part of these financial statements.

Statements of Activities

Period ended June 30, 2023 with summarized totals for 2022

	_	Without Donor Restrictions	With Donor Restrictions	2023 Total	2022 Total
Revenue:					
Grants for research and other sponsored activities:					
Federal	\$	392,046,356	10,000,000	402,046,356	353,210,640
Federal flow through		109,771,178	-	109,771,178	119,765,947
New York State Private and other		103,967,007	-	103,967,007	178,362,186
Total grants for research and	-	349,172,031		349,172,031	281,487,105
other sponsored activities		954,956,572	10,000,000	964,956,572	932,825,878
Indirect cost recoveries:					
Federal		122,256,776	-	122,256,776	107,030,287
Federal flow through		29,179,538	-	29,179,538	27,396,687
New York State		8,983,726	-	8,983,726	7,950,470
Private and other	_	23,221,452		23,221,452	20,256,164
Total indirect cost recoveries		183,641,492	-	183,641,492	162,633,608
Other research-related income:					
Inventions and licenses income		4,972,189	-	4,972,189	16,775,971
Third party service center		7,747,009	-	7,747,009	6,058,975
Agency fees		6,969,783	-	6,969,783	6,547,825
Institutional support funding		15,095,543	-	15,095,543	37,893,174
Other	_	1,432,093		1,432,093	1,445,940
Total other research-related income		36,216,617	-	36,216,617	68,721,885
Investment income (loss), net		36,806,140	1,160,725	37,966,865	(44,389,301)
Net assets released from restrictions	_	631,617	(631,617)		
Total revenue	_	1,212,252,438	10,529,108	1,222,781,546	1,119,792,070
Expenses:					
Sponsored programs and other activities		954,381,752	-	954,381,752	921,627,738
Indirect administrative and support expenses		179,331,063	-	179,331,063	141,691,029
Other research-related expenses	-	28,502,870		28,502,870	30,083,207
Total expenses	_	1,162,215,685		1,162,215,685	1,093,401,974
Change in net assets from revenue and expenses Changes in net assets related to postretirement		50,036,753	10,529,108	60,565,861	26,390,096
other than net benefit cost Changes in net assets related to postretirement		(16,952,209)	-	(16,952,209)	18,268,001
net benefit cost except service cost		37,422,672	_	37,422,672	37,041,127
Change in net assets		70,507,216	10,529,108	81,036,324	81,699,224
Net assets at beginning of year		726,689,959	20,413,138	747,103,097	665,403,873
Net assets at end of year	\$	797,197,175	30,942,246	828,139,421	747,103,097

Statements of Cash Flows

Years ended June 30, 2023 and 2022

	_	2023	2022
Cash flows from operating activities:			
Federal grants and contracts	\$	630,791,101	593,969,165
State and local grants and contracts	•	72,911,727	189,131,298
Private gifts and grants		332,495,923	310,663,127
Other receipts		231,807,490	239,346,330
Salaries and wages payments		(485,800,412)	(432,594,661)
Employee benefits payments		(157,864,138)	(152,014,230)
Payments to suppliers and vendors		(500,104,259)	(487,156,444)
Operating interest and dividends		7,978,576	5,556,249
Distribution from BSA partnership		2,650,924	2,223,902
Interest payments on capital debt and notes		(14,367,363)	(16,136,109)
Other payments	_	(118,663,526)	(109,421,413)
Net cash provided by operating activities	_	1,836,043	143,567,214
Cash flows from investing activities:			
Proceeds from sales of investments		278,051,819	46,631,206
Purchases of investments		(274,441,080)	(132,217,565)
Proceeds from sales of fixed assets		(24 027 704)	2,500
Cash paid for purchases of fixed and intangible assets	_	(31,927,701)	(71,807,185)
Net cash used in investing activities	_	(28,316,962)	(157,391,044)
Cash flows from financing activities:			
Principal payments on long-term debt and capital lease obligations		(22,834,071)	(21,109,285)
Proceeds from line of credit		5,570,000	20,375,393
Payments on line of credit	_	(13,500,000)	(25,735,393)
Net cash used in financing activities	_	(30,764,071)	(26,469,285)
Net decrease in cash and cash equivalents		(57,244,990)	(40,293,115)
Cash and cash equivalents, beginning of year	_	118,817,104	159,110,219
Cash and cash equivalents, end of year	\$_	61,572,114	118,817,104
	_		

Notes to Financial Statements

June 30, 2023 and 2022

(1) Organization

The Research Foundation for The State University of New York (RF) is the largest comprehensive university-connected research foundation in the country. It provides essential administrative services that enable State University of New York (SUNY) faculty to focus their efforts on educating students and performing life-changing research across a wide range of disciplines including Artificial Intelligence, Clean Energy, Biotechnology, Longevity, Substance Addiction, Nextgen Quantum Computing, Environmental Health, and Resiliency. The RF works with the academic and business leadership of SUNY campuses to facilitate research and discovery by administering sponsored projects and delivering intellectual property and technology transfer services that fuel innovation and move ideas and inventions to the marketplace.

The RF comprises a central office and operating units at 30 state-operated campuses across New York State and is governed by a board of directors. The RF was chartered in 1951 by the New York State Board of Regents as a nonprofit education corporation.

(2) Summary of Significant Accounting Polices

(a) Basis of Presentation

The accompanying financial statements of the RF are presented consistent with Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) Topic 958, *Not-for-Profit Entities*.

The financial statements include certain prior year summarized comparative information in total but not by net asset class. Accordingly, such information should be read in conjunction with the RF's financial statements for the year ended June 30, 2022, from which the summarized information was derived.

(b) Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make significant estimates and assumptions that affect the reported amounts of liabilities and net assets and disclosures of contingencies as of the dates of the financial statements and the reported amounts of change in net assets during the reporting periods. The most significant areas which are affected by the use of estimates include allowances for doubtful receivables, commitments and contingencies, useful lives and valuation of long-lived assets, discount rates used in the right of use (ROU) assets and liabilities related to operating leases, investment valuations, and certain actuarial assumptions that affect the postretirement benefit obligation. Actual results could differ from those estimates and the differences between estimates and actual results could be significant.

(c) Net Asset Classes

The accompanying financial statements present information regarding the RF's balance sheet and activities according to two classes of net assets: without donor restrictions and with donor restrictions.

Without donor restrictions: net assets are not subject to donor stipulations restricting their use but may be designated for specific purposes by the RF or may be limited by contractual agreements with outside parties.

With donor restrictions: net assets are subject to donor stipulations that expire with the passage of time, can be fulfilled by actions pursuant to the stipulations, or which may be perpetual.

The RF has three \$10 million term endowment grants from the National Institute on Minority Health and Health Disparities (NIMHD), two of which were fully collected by the RF. The third endowment grant was awarded in June 2023 and scheduled to be received in \$2.0 million increments over the first five year-periods of the grant. As of June 30, 2023, \$10.0 million is included in account receivables for this

Notes to Financial Statements

June 30, 2023 and 2022

grant. The endowments are invested on behalf of the RF by the University at Albany Foundation (UAF) and the Health Science Center at Brooklyn Foundation, Inc. (HSCBF) under long-term service agreements. As of June 30, 2023 and 2022, the net asset balance of the funds were \$30.9 million and \$20.4 million, respectively. Under these grants, the endowment returns are to be used to facilitate minority health and health disparities research.

Aside from the NIMHD endowment balances, the RFs net assets have no other donor-imposed restrictions.

(d) Recent Accounting Pronouncements

In February 2016, the FASB issued ASU 2016-02, *Leases* (Topic 842). This standard defines a lease as a contract or part of a contract that conveys the right to control the use of identified assets for a period of time in exchange for consideration. It requires lessees to recognize assets and liabilities in the statement of financial position for the rights and obligations created by leases. The liability is equal to the present value of the lease payments. The asset is based on the liability, subject to adjustment, such as for initial direct costs and uneven rent payments. For the purposes of the statements of activities and cash flows, the standard requires leases to be classified as either operating or finance. Operating leases result in straight-line expense (similar to operating leases prior to adoption of this standard).

RF adopted Topic 842 on July 1, 2022, using the comparatives under ASC 840 transition method, which applies Topic 842 at the beginning of the period in which it is adopted. Prior period amounts have not been adjusted in connection with the adoption of this standard. RF elected the package of practical expedients under the new standard, which permits entities to not reassess lease classification, lease identification or initial direct costs for existing or expired leases prior to the effective date. RF has lease agreements with non-lease components that relate to the lease components. The RF elected the practical expedient to account for non-lease components and the lease components to which they relate as a single lease component for all leases. RF did not elect the hindsight practical expedient in determining the lease term for existing leases as of July 1, 2022.

This standard provided organizations with an optional transition method that allowed entities to prospectively apply the requirements by recognizing a cumulative effect adjustment to the opening balance of net assets in the period of adoption. The most significant impact of adoption was the recognition of operating lease ROU assets and operating lease liabilities of \$104.5 million as of the adoption date July 1, 2022, while the accounting for existing finance leases remained substantially unchanged. As part of adopting the standard, previously recognized liabilities for deferred rent and lease incentives were reclassified as a component of the ROU assets. More information on the adoption, including qualitative and quantitative disclosures, is included in Note 8.

(e) Revenue Recognition

Grants and contracts awarded by federal and other sponsors, which are generally considered nonreciprocal transactions restricted by sponsors for certain purposes, are recognized as revenue when qualifying expenditures are incurred and conditions under the agreements are met. The RF has elected the simultaneous release policy, which allows a not-for-profit organization to recognize a restricted contribution directly in net assets without donor restrictions if the restriction is met in the same period that the revenue is recognized. The RF recognizes reimbursement of facilities and administrative costs relating to government and other contracts and grants at authorized rates each year. Although not a condition or barrier to revenue recognition, all funds expended in connection with government grants and contracts are subject to audit by granting agencies. In the opinion of management, any potential liability resulting from these audits will not have a material effect on the RF's financial position. Amounts received in excess of revenue recognized are recorded as deferred

Notes to Financial Statements

June 30, 2023 and 2022

revenue. Total revenue from grants and contracts recognized in net assets without donor restrictions was \$1,138.6 million and \$1,090.9 million for the years ended June 30, 2023 and 2022, respectively. Payments received from sponsors in advance of conditions being met are reported as deferred revenue, which totaled \$218.7 million and \$241.0 million as of June 30, 2023 and 2022, respectively.

Contributions, including unconditional promises to give, are recognized upon receipt at fair value. Contributions other than cash are recorded at fair value at the date of contribution. Contributions with donor-imposed restrictions are reported as revenues with donor restrictions and are reclassified to net assets without donor restrictions when an expenditure is incurred that satisfies the restriction or the designated time elapses.

Investment income or loss includes dividends and interest, realized and unrealized gains and losses, and earnings from the RF's share in the Brookhaven Science Associates partnership (see note 4(c)). Purchases and sales of securities are recorded on a trade-date basis. Dividend income is recorded on the ex-dividend date. Interest income is recorded on the accrual basis of accounting. The average original purchase price of securities is used to determine the basis for computing realized and unrealized gains or losses.

Inventions and licenses income consists of royalties earned from licenses and is recognized on the accrual basis. The income is distributed based on SUNY's Patents and Inventions Policy which governs the apportionment of income to inventors and campuses. Campus expenditures of their shares of the income (which fall under the provisions of the Bayh-Dole Act), and inventors' shares are reflected in the RF's inventions and licenses expenses.

Other research-related income is recognized on the accrual basis and primarily consists of third-party service center revenue, nonsponsored income from activities such as proceeds from the sale of equipment, and fees earned for administering human resources, payroll, purchasing and payables services to university-related organizations, such as foundations or clinical practice plans.

(f) Cash Equivalents

For purposes of balance sheet presentation, cash equivalents include short-term, highly liquid investments with an original maturity of three months or less at the time of purchase, exclusive of amounts classified as noncurrent investments. Cash equivalents are stated at fair value and are considered a Level 1 financial asset as defined in note 4.

In accordance with ASU 2016-18, *Statement of Cash Flows (Topic 230): Restricted Cash*, cash equivalents classified as current investments are included as cash and cash equivalents for the purposes of the statement of cash flows. The following table provides a reconciliation of cash and cash equivalents as reported in the balance sheets to cash and cash equivalents reported in the statements of cash flows:

	_	2023	2022
Cash and cash equivalents	\$	129,100	19,509,203
Current investments (see note 4)	_	61,443,014	99,307,901
Total cash and cash equivalents shown in the statements of cash flows:	\$_	61,572,114	118,817,104

Notes to Financial Statements

June 30, 2023 and 2022

(g) Accounts Receivable

Accounts receivable includes:

- (1) Deficit balances from sponsored program activity that result when spending occurs in advance of when funds are received:
- (2) Deficit balances from service centers that are established and maintained to provide a specific service to sponsored programs and other users, recognized as rates are periodically adjusted to reflect actual expenses of those centers; and
- (3) Amounts billed and due from external sources of funding for other research-related income.

Accounts receivable is reported net of an allowance for doubtful accounts. The RF's allowance for doubtful accounts as of June 30, 2023 and 2022 was \$19.6 million and \$17.4 million, respectively.

Accounts receivable, net of the allowance for doubtful accounts, is summarized as follows as of June 30:

	_	2023	2022
Accounts receivable:			
Federal	\$	75,527,949	57,903,697
Federal flow through		53,644,780	39,515,795
New York State		62,701,766	67,540,684
Private and other	_	31,140,511	25,426,922
	\$_	223,015,006	190,387,098

(h) Investments

Investments are reported at fair value, which is generally the price that would be received from selling an asset in an orderly transaction between market participants at the measurement date. Certain investments in limited liability partnerships and corporations are measured at net asset value or its equivalent as a practical expedient to estimating fair value.

(i) Fixed and Intangible Assets

Fixed and intangible assets are stated at cost, net of accumulated depreciation and amortization, and are depreciated on a straight-line basis over the estimated useful lives of the assets. Using historical and industry experience, estimated useful lives, with the exception of land, range from five to 50 years. The RF monitors its long-lived assets for impairment. If an indication of impairment is identified, the RF would perform the required analysis and, if applicable, it would record impairment charges.

Upon sale or retirement of capitalized assets, both the cost and the related accumulated depreciation and amortization are removed from the accounts and a gain or loss is recorded. Depreciation and amortization expense for the years ended June 30, 2023 and 2022 was \$91.4 million and \$84.1 million, respectively.

The title to equipment purchased using sponsored funds is generally retained by the grantor institution until such time final disposition is determined. Accordingly, purchases of equipment charged to the respective grant or contract are not capitalized, except for equipment or infrastructure purchased under a sponsored program for the purpose of economic development and for which title is retained by the RF.

Notes to Financial Statements June 30, 2023 and 2022

(j) Leases

The RF analyzes each lease agreement to determine whether it should be classified as a finance lease or an operating lease. For operating leases, ROU assets and lease liabilities are recognized at the commencement date of the lease based on the estimated present value of lease payments over the lease term. For finance leases, the RF initially records the assets and lease liabilities at the present value of the minimum lease payments. When the RF's leases do not provide an implicit interest rate, the RF uses its incremental borrowing rate in effect at the commencement date of the lease agreement in determining the present value of lease payments. The RF elects to apply the short-term lease recognition and measurement exemption for all leases with terms of 12 months or less.

The portion of payments on operating lease liabilities related to interest, along with the amortization of the related right-of-use assets, is recognized as occupancy expense. This occupancy expense is recognized on a straight-line basis over the term of the lease. The portion of the payments on finance lease liabilities related to interest is recognized as interest expense. The amortization of the right-of-use assets under finance leases is recognized as depreciation and amortization expense.

(k) Deferred Revenue

Deferred revenue includes:

- (1) Surplus balances from sponsored program activity that result when funds are received in advance of spending, recognized into revenue under the terms of the sponsored program; and
- (2) Surplus balances from service centers that are established and maintained to provide a specific service to sponsored programs and other users, recognized as rates are periodically adjusted to reflect actual expenses of those centers.

(I) Accrued Leave

RF employees are granted vacation and sick leave in varying amounts. In the event of termination or retirement, an employee is reimbursed for accumulated vacation up to a maximum of 30 days. Employees are not reimbursed for accumulated sick leave at termination; however, upon retirement up to 200 days of accumulated sick leave is considered in the computation of retirement benefits. Included in the leave accrual is an accrual for the net obligation under the sick leave benefit amounting to \$3.0 million as of June 30, 2023 and \$2.9 million as of June 30, 2022.

(m) Postretirement Benefit Obligation

The RF has a defined medical benefit postretirement plan covering substantially all of its nonstudent eligible employees upon their retirement. The RF's postretirement obligations are based on calculations that incorporate various actuarial and other assumptions, including discount rates, mortality, assumed rates of return on plan assets, compensation increases, turnover rates, and healthcare cost trend rates. The RF reviews its assumptions on an annual basis and makes modifications to the assumptions based on current rates and trends when it is appropriate to do so. The effect of modifications to those assumptions is recorded in other changes to net assets and amortized to net periodic cost over future periods using the 10% corridor method. The net periodic costs are recognized as employees render the services necessary to earn the postretirement benefits.

The RF maintains a Voluntary Employee Benefit Association (VEBA) trust for the postretirement benefit plan. The assets held in the VEBA trust reduce the accumulated postretirement benefit obligation, as reported on the accompanying balance sheets.

Notes to Financial Statements

June 30, 2023 and 2022

(n) Fair Value of Financial Instruments

The carrying amounts of accounts receivable, other current assets, accounts payable and accrued expenses, and deposits held for others approximate fair value due to the short duration of these financial instruments. See notes 4 and 5 for additional information regarding fair value considerations with respect to investments, deferred compensation assets and interest rate swap on outstanding bonds.

(o) Tax Status

The RF is a not-for-profit corporation and has been determined by the Internal Revenue Service to be an organization described in Internal Revenue Code (IRC) Section 501(c)(3) and, therefore, is exempt from federal income taxes on related income pursuant to Section 501(a) of the Code.

The RF recognizes the effects of income tax positions only if those positions are more likely than not to be sustained.

Management has determined there are no uncertain tax positions as of June 30, 2023 and 2022. The RF is subject to routine audits by taxing jurisdictions and believes that it is no longer subject to income tax examinations for years prior to the year ended June 30, 2019.

(p) Other Information

Advances to others and deposits held for others represent amounts related to agency activity at the campus and affiliated organization locations.

Various SUNY employees perform work on RF sponsored grants. SUNY pays these employees directly, and is reimbursed by the RF monthly. The related amounts due to SUNY are included in accrued compensation and consist of both a known and estimated component. The total liability to SUNY at June 30, 2023 and 2022 is approximately \$8.0 million and \$13.2 million, respectively.

(q) Reclassifications

Certain reclassifications have been made to prior year amounts in order to conform to the current year presentation.

(3) Liquidity and Availability

As of June 30, financial assets and liquidity resources available within one year for general expenditure, such as operating expenses and scheduled principal payments on debt, were as follows:

	_	2023	2022
Cash and cash equivalents	\$	129,100	19,509,203
Accounts receivable, net		213,015,006	190,387,098
Investments		474,596,119	523,589,836
Due from broker for securities sold		43,401,516	7,500,004
Total financial assets available within one year	\$	731,141,741	740,986,141

The RF's annual cash flows are dependent on spending, billing and collections on thousands of individual sponsored awards across 30 campus locations. Cash-basis direct sponsored program spending, including capital equipment purchases, aggregated \$933.6 million and \$932.6 million during the years ended June 30, 2023 and 2022, respectively.

Notes to Financial Statements

June 30, 2023 and 2022

To help manage liquidity, the RF's investment policy ensures the RF has access to funds, as needed, during the year through allocations to readily redeemable cash equivalent funds, mutual funds, and exchange traded funds (see note 4). Additionally, the RF maintains lines of credit of \$65.0 million, of which \$63.4 million is available to draw as of June 30, 2023, (see note 11) that are drawn upon as needed during the year to manage cash flow.

(4) Fair Value Measurements

Except for investments reported at net asset value (NAV) or its equivalent as a practical expedient to estimate fair value, fair value is measured using three levels as described below:

Level 1: Inputs are unadjusted quoted market prices in active markets for identical assets or liabilities that are assessable at the measurement date.

Level 2: Inputs are other than quoted prices in active markets that are observable either directly or indirectly and fair value is determined through the use of models or other valuation methodologies.

Level 3: Inputs used in valuation are unobservable.

The following is a description of the valuation methodologies used for investments measured at fair value:

Mutual funds and exchange traded funds are reported at current quoted fair values as of the balance sheet date.

Investments in limited liability partnerships and corporations represent investments measured at NAV or its equivalent and consist of a diversified portfolio of hedge funds of funds, real estate, domestic and foreign equity funds, fixed income securities and private equity funds in various investment vehicles. These investments, which are not exchange traded, do not have readily determinable fair values. These investments are typically redeemable at NAV under the terms of the investment agreements. Estimates of fair value that are made using NAV per share or its equivalent as a practical expedient are not categorized in the fair value hierarchy.

Investments in pooled endowment portfolios are reported at the NAV of the RF's interest in the portfolios as a practical expedient to estimate fair value. The pooled endowments use diversified investment approaches incorporating multiple asset classes, strategies and managers, including alternative investment funds involving hedged and private equity strategies.

The preceding methods may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the RF believes its valuation methodologies are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine fair value of certain financial instruments could result in a materially different fair value measurement at the reporting dates.

Notes to Financial Statements

June 30, 2023 and 2022

The following tables summarize, as of June 30, 2023 and 2022, the RF's investments as well as the liquidity redemption and notification provisions:

		2023						
	_	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice	
Investments:								
Cash equivalents	\$	61,443,014	61,443,014	_	_	Daily	1	
Mutual and exchange traded funds:								
U.S. government fixed income		70,161,710	70,161,710	_	_	Daily	1 to 2	
U.S. equities		49,414,287	49,414,287	_	_	Daily	1	
Foreign equities		25,770,161	25,770,161	_	_	Daily/Monthly	1 to 15	
Global equities		17,900,848	17,900,848	_	_	Daily	2	
Real estate		42,650,278	42,650,278	_	_	Daily	1	
U.S. equities		51,450	51,450	_	_	Daily	4	
Investments measured at NAV or its equivalent:								
Absolute multistrategy return		79,633,489	_	_	_	Monthly/Quarterly	45 to 95	
Credit securities		3,029,507	_	_	_	Monthly/Quarterly	45	
Global equities		117,309,086	_	_	_	Mthly/Qtrly/Annly	30 to 90	
Hedged equities		72,030,967	_	_	_	Quarterly	90	
Private equity		89,161,904	_	_	_	See (a) below	N/A	
Pooled endow ments	_	20,942,246		<u> </u>	_	See (b) below	N/A	
Total investments at fair								
value		649,498,947	267,391,748	_	_			
Investment in BSA partnership	_	3,182,603		<u> </u>		See (c) below	N/A	
Total investments	\$_	652,681,550	267,391,748		_			

Notes to Financial Statements

June 30, 2023 and 2022

2022

	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice
Investments:						
Cash equivalents	\$ 99,307,901	99,307,901	_	_	Daily	1
Mutual and exchange traded funds:						
U.S. government fixed income	61,629,938	61,629,938	_	_	Daily	1
U.S. equities	64,066,144	64,066,144	_	_	Daily	1
Foreign equities	18,917,122	18,917,122	_	_	Daily/Monthly	1 to 15
Real estate	34,142,352	34,142,352	_	_	Daily	1
U.S. equities	63,755	63,755	_	_	Daily	4
Investments measured at NAV or its equivalent:						
Absolute multistrategy return	83,310,644	_	_	_	Monthly/Quarterly	45 to 95
Credit securities	8,294,599	_	_	_	Monthly/Quarterly	45
Global equities	101,528,302	_	_	_	Mthly/Qtrly/Annly	30 to 90
Hedged equities	101,285,877	_	_	_	Quarterly	90
Private equity	61,884,439	_	_	_	See (a) below	N/A
Pooled endow ments	20,413,138				See (b) below	N/A
Total investments at fair						
value	654,844,211	278,127,212	_	_		
Investment in BSA partnership	3,174,308			_	See (c) below	N/A
Total investments	\$ 658,018,519	278,127,212		_	<u>.</u>	

- (a) Private equity fund investments include noncontrolling shares or interests in funds where the controlling general partner serves as the investment's manager. Such investments are generally not eligible for redemption from the fund or general partner but can potentially be sold to third-party buyers in private transactions. It is the intent of the RF to hold these investments until the fund has fully distributed all proceeds to the investors.
- (b) Under the service agreements with UAF and HSCBF, investment accounts were established at UAF and HSCBF with the funds received by the RF under the NIMHD grants, as described in note 2(c). These investment accounts are treated as term endowments with the corpus not to be expended for at least 20 years and with an annual distribution of fund income for programmatic spending by the RF. The terms of the UAF and HSCBF agreements are through March 31, 2046 and December 31, 2042, respectively, with further extension possible at the discretion of the parties.
- (c) Brookhaven Science Associates, LLC (BSA) is a limited liability company formed by the RF (acting on behalf of Stony Brook University) and Battelle Memorial Institute (Battelle). In 1998, the U.S. Department of Energy selected BSA to operate Brookhaven National Laboratory. BSA net earnings are allocated 50% each to Battelle and the RF. The accompanying financial statements of the RF account for BSA under the equity method for the investment and include its share of the net earnings of BSA based on the operating results for its years ended September 30, 2022 and 2021. The RF records distributions received as a reduction of the investment balance.

The RF has unfunded commitments to private equity investments as of June 30, 2023 of approximately \$86.9 million.

Notes to Financial Statements

June 30, 2023 and 2022

(5) Other Assets and Other Liabilities

Other assets and liabilities consist of the following at June 30:

		2023	2022
Other assets:			
Current:			
Royalties receivable	\$	410,000	1,040,000
Miscellaneous	_	62,675	60,307
Total other current assets	_	472,675	1,100,307
Noncurrent:			
Deferred compensation assets		8,704,109	8,284,255
Total other noncurrent assets	-	8,704,109	8,284,255
Total other assets	\$_	9,176,784	9,384,562
Other liabilities – noncurrent:			
Deferred compensation obligation	\$	8,704,109	8,284,255
Interest rate swap agreement	_	108,605	253,355
Total other liabilities	\$ _	8,812,714	8,537,610

The RF maintains a deferred compensation plan established in accordance with Section 457(b) of the IRC. Plan assets are a part of the general assets of the RF, which are subject to claims of creditors of the RF. For the years ended June 30, 2023 and 2022, respectively, the assets consist of mutual funds of approximately \$4.0 million and \$3.5 million, which involve Level 1 inputs under the fair value hierarchy, variable annuities of approximately \$3.2 million and \$3.2 million, which are recorded at NAV, and fully benefit-responsive annuity contracts of approximately \$1.5 million and \$1.6 million, which are recorded at contract value.

As indicated in note 11(b), the RF currently has an interest rate swap on its outstanding bonds. The value of the swap is adjusted, through net assets without donor restrictions, to fair value involving Level 2 inputs under the fair value hierarchy.

Notes to Financial Statements June 30, 2023 and 2022

(6) Fixed Assets

		Dispositions/	Placed in	
2022	Additions	retirements	service	2023
6,500,000			_	6,500,000
317,704,048	_	_	_	317,704,048
597,454,154	24,463,170	(3,938,373)	14,969,359	632,948,310
25,462,324	_	_	_	25,462,324
16,930,286	6,997,863		(14,969,359)	8,958,790
964,050,812	31,461,033	(3,938,373)	_	991,573,472
2,600,000	130,000	_	_	2,730,000
188,636,779	19,856,503	_	_	208,493,282
221,887,215	69,303,097	(3,912,721)	_	287,277,591
25,462,324	_	_	_	25,462,324
_				
438,586,318	89,289,600	(3,912,721)	_	523,963,197
525,464,494	(57,828,567)	(25,652)		467,610,275
	6,500,000 317,704,048 597,454,154 25,462,324 16,930,286 964,050,812 2,600,000 188,636,779 221,887,215 25,462,324 438,586,318	6,500,000 — 317,704,048 — 597,454,154 24,463,170 25,462,324 — 16,930,286 6,997,863 964,050,812 31,461,033 2,600,000 130,000 188,636,779 19,856,503 221,887,215 69,303,097 25,462,324 — 438,586,318 89,289,600	2022 Additions retirements 6,500,000 — — 317,704,048 — — 597,454,154 24,463,170 (3,938,373) 25,462,324 — — 16,930,286 6,997,863 964,050,812 31,461,033 (3,938,373) 2,600,000 130,000 — 188,636,779 19,856,503 — 221,887,215 69,303,097 (3,912,721) 25,462,324 — — 438,586,318 89,289,600 (3,912,721)	2022 Additions retirements service 6,500,000 — — — 317,704,048 — — — 597,454,154 24,463,170 (3,938,373) 14,969,359 25,462,324 — — — 16,930,286 6,997,863 (14,969,359) 964,050,812 31,461,033 (3,938,373) — 2,600,000 130,000 — — 188,636,779 19,856,503 — — 221,887,215 69,303,097 (3,912,721) — 25,462,324 — — — 438,586,318 89,289,600 (3,912,721) —

There is no depreciation expense associated with construction in progress assets as they have not yet been placed in service. Upon being placed in service, the assets, primarily consisting of research equipment, are classified in the appropriate categories above and depreciated over their useful lives.

(7) Intangible Assets

Intangible asset classification		2022	Additions	Dispositions/ retirements	2023
Technology licenses Capitalized software	\$	24,200,000 23,685,038	1,290,000	(24,200,000) (10,000,000)	1,290,000 13,685,038
Total intangible assets	_	47,885,038	1,290,000	(34,200,000)	14,975,038
Less accumulated amortization: Technology licenses Capitalized software	_	24,200,000 16,452,490	46,071 2,559,614	(24,200,000) (9,285,714)	46,071 9,726,390
Total accumulated amortization	i -	40,652,490	2,605,685	(33,485,714)	9,772,461
Intangible assets, net	\$_	7,232,548	(1,315,685)	(714,286)	5,202,577

Notes to Financial Statements

June 30, 2023 and 2022

The approximate annual amortization of the intangible assets over the next five years is as follows:

Fiscal year ending:	
2024	\$ 1,315,328
2025	1,315,328
2026	1,315,328
2027	749,808
2028	184,286
Thereafter	322,499

(8) Finance and Operating Leases

The RF is party to a finance lease for the NanoFabXtension (NFX) facility with Fuller Road Management Corporation (FRMC). The lease commenced on January 1, 2013 and expires on December 31, 2028. During the lease term, the RF's payments under the finance lease will be an annual amount equal to \$36 million.

The total expense associated with all finance leases for the year ended June 30, 2023 consisted of the following:

Amortization on finance lease assets	
included in depreciation and amortization	\$ 19,856,503
Interest on finance lease liabilities	
included in interest expense	 14,196,643
Total	\$ 34,053,146

The following is a summary of the future payments for all finance lease obligations:

			Finance lease obligation				
			Principal	Interest			
Fiscal year:							
2024		\$	23,664,522	12,335,478			
2025			25,684,558	10,315,442			
2026			27,877,027	8,122,973			
2027			30,256,648	5,743,352			
2028			32,839,397	3,160,603			
Thereafter			17,456,407	543,592			
	Total	\$_	157,778,559	40,221,440			

Notes to Financial Statements

June 30, 2023 and 2022

As of June 30, 2023 the RF had operating leases, as lessee, with FRMC and various other entities to lease space as part of its mission to support SUNY research and partnerships. The leases expire over the next 4 to 15 years. The discount rates used range from 0.83% to 3.68% based on the risk free rate of return at the commencement date of the lease. Minimum rent payments under operating leases are recognized on a straight line basis over the term of the lease. Some leases contain variable lease payment escalations based on a set range which could be tied to the consumer price index (CPI). These lease escalations are calculated using the CPI rate at the commencement date of the lease. The RF considered lease extensions and the likelihood of the RF extending the lease in the calculations.

Leases contain termination clauses with associated penalties, the amount of which cause the likelihood of cancellation to be remote. At the end of the lease term the leased assets will be returned to the lessor. No residual value guarantees are contained in the leases.

In May 2005, the RF, as tenant, and FRMC, as landlord, executed an agreement for the lease of clean room facilities, which are used for nanotechnology-related research and development at SUNY Poly. Rent payments made by the RF pursuant to the agreement for each of the years ended June 30, 2023 and 2022 were approximately \$7.0 million. The annual rental payments may escalate annually at a rate not to exceed one percent. The term of the lease is from May 20, 2005 through September 30, 2035.

The total cost of operating leases included in occupancy expense consists of the following for the year ended June 30, 2023 was \$10,132,930.

The following is a summary of the future payments for operating lease obligations:

Fiscal year	 FRMC	Other	Total
2024	\$ 7,014,458	3,292,847	10,307,305
2025	7,014,458	3,341,694	10,356,152
2026	7,014,458	3,393,918	10,408,376
2027	7,014,458	3,447,665	10,462,123
2028	7,014,458	1,491,410	8,505,868
Thereafter	 50,854,821	10,855,196	61,710,017
Total	\$ 85,927,111	25,822,730	111,749,841
Less: amounts representing interest	(4,250,703)	(2,997,825)	(7,248,528)
Total	\$ 81,676,408	22,824,905	104,501,313

(9) Postretirement Benefit Obligation

(a) Plan Information

The RF sponsors a defined benefit postretirement plan that covers substantially all nonstudent employees. The plan provides postretirement medical benefits and is contributory for employees hired after 1985. Retirees who were hired after 1985 are subject to cost sharing requirements with respect to medical coverage. With respect to dental coverage, retirees must pay the full premium cost of the coverage selected.

Notes to Financial Statements

June 30, 2023 and 2022

(b) Plan Funded Status and Related Assumptions

Annual contributions to fund the plan are made by the RF pursuant to a funding policy established by the RF's board of directors. For payment of benefits under the plan, the RF established a VEBA trust with Bank of New York Mellon as the trustee. The VEBA trust held assets of \$299.9 million and \$291.4 million as of June 30, 2023 and 2022, respectively. Current obligations are assumed to be paid out of the trust assets, with the remaining unfunded obligation reflected as a noncurrent liability of the RF. There were approximately 6,300 and 6,400 participants in the plan as of July 1, 2022 and 2021, respectively.

The following table sets forth the plan's funded status reconciled with the amount shown in the accompanying financial statements at June 30:

	_	2023	2022
Change in benefit obligation:			
Benefit obligation at beginning of year	\$	310,332,273	379,204,761
Service cost		5,621,732	8,396,916
Interest cost		13,750,296	10,152,039
Plan participants' contributions		1,717,217	1,518,551
Actuarial gain		(11,114,392)	(74,890,591)
Benefits paid	_	(16,290,187)	(14,049,403)
Benefit obligation at end of year	_	304,016,939	310,332,273
Change in plan assets:			
Fair value of plan assets at beginning of year		291,357,042	313,317,318
Return on plan assets		17,117,730	(15,418,225)
Employer contributions		5,988,637	5,988,801
Plan participants' contributions		1,717,217	1,518,551
Benefits paid	_	(16,290,187)	(14,049,403)
Fair value of plan assets at end of year	_	299,890,439	291,357,042
Funded status and amount recognized in balance sheet	\$_	(4,126,500)	(18,975,231)
Amounts not yet reflected in net periodic benefit cost and included in the balance sheet:			
Prior service credit	\$	44,602,832	76,691,200
Net actuarial loss	_	(27,826,054)	(36,973,576)
Total	\$_	16,776,778	39,717,624
Weighted average assumptions used to determine benefit obligation:			
Discount rate at end of year		4.89 %	4.39 %

Notes to Financial Statements

June 30, 2023 and 2022

	_	2023	2022
Components of net periodic benefit cost:			
Service cost	\$	5,621,732	8,396,916
Interest cost		13,750,296	10,152,039
Expected return on plan assets		(20,323,897)	(20,682,220)
Amortization of:			
Prior service credit		(32,088,368)	(32,088,368)
Actuarial loss	_	1,239,297	5,577,422
Net periodic benefit gain	\$_	(31,800,940)	(28,644,211)
Weighted average assumptions used to determine net periodic benefit cost:			
Discount rate for the year		4.39 %	2.63 %
Expected long-term rate of return		7.10	6.70

The service cost component of net periodic benefit gain is included in the line items "sponsored programs and other activities," "indirect administrative support expenses" and "other research-related expenses" in the statement of activities based on the functional classification of compensation.

Estimated net benefit payments over future years are as follows:

Fiscal year ending:		
2024	\$	17,612,000
2025		18,278,000
2026		18,890,000
2027		19,593,000
2028	:	20,043,000
2029–2033	10	04,681,000

For measurement purposes, the initial trend rates vary by coverage. The health maintenance organization rate is 6.50%, the preferred provider organization (PPO) rate is 6.25%, the PPO prescription rate is 7.50%, and administrative fees are 4.50%. Trend rates grade down to an ultimate rate of 4.50% in 2029 and later.

Assumed healthcare cost trend rates have a significant effect on the amounts reported for the healthcare plans. A one-percentage point change in assumed healthcare cost trend rates would have the following effects:

		One-percentage point		
	_	Increase	Decrease	
Effect on total service and interest cost components Effect on postretirement benefit obligation	\$	3,318,875 40,357,070	(2,672,377) (33,688,110)	

Notes to Financial Statements

June 30, 2023 and 2022

(c) Fair Value of Plan Assets

The following tables summarize as of June 30, 2023 and 2022, the RF's defined benefit postretirement plan's investments held in the VEBA trust, including the redemption and notification provisions. The hierarchy and inputs to valuation techniques used to measure fair value of the plan's investments are outlined above in note 4.

		2023					
	_	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice
Investments:							
Cash equivalents	\$	1,631,552	1,631,552	_	_	Daily	1
Mutual and exchange traded funds:						•	
U.S. government fixed income		12,668,444	12,668,444	_	_	Daily	2
U.S. equities		22,164,883	22,164,883	_	_	Daily	1
Foreign equities		11,174,264	11,174,264	_	_	Monthly	15
Global equities		6,950,568	6,950,568			Daily	2
Real estate		3,554,587	3,554,587	_	_	Daily	1
Hedged equities		2,571,762	2,571,762	_	_	Daily	1
Investments measured at NAV or its equivalent:	3						
Absolute multistrategy return		29,217,486	_	_	_	Monthly/Quarterly	45 to 95
Global equities		72,240,857	_	_	_	Mthly/Qtrly/Annly	30 to 90
Hedged equities		43,363,052	_	_	_	Quarterly	90
Private equity	_	94,352,984				See note 4(a)	N/A
	\$	299,890,439	60,716,060			_	

2022

	2022						
		Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice
Investments:							
Cash equivalents	\$	3,735,054	3,735,054	_	_	Daily	1
Mutual and exchange traded funds:							
U.S. government fixed income		19,154,977	19,154,977	_	_	Daily	1
U.S. equities		25,492,803	25,492,803	_	_	Daily	1
Foreign equities		5,378,253	5,378,253	_	_	Daily	15
Real estate		8,225,392	8,225,392	_	_	Daily	1
Hedged equities		725,331	725,331	_	_	Daily	1
Investments measured at NAV or its	5						
equivalent:							
Absolute multistrategy return		34,446,517	_	_	_	Monthly/Quarterly	45 to 95
Global equities		63,369,516	_	_	_	Mthly/Qtrly/Annly	30 to 90
Hedged equities		54,022,999	_	_	_	Quarterly	90
Private equity		76,806,200				See note 4(a)	N/A
	\$	291,357,042	62,711,810	_	_		

The RF has unfunded commitments to the plan's private equity investments at June 30, 2023 of approximately \$55.6 million.

(d) Investment Policies and Strategies

The plan's primary investment goal is to meet the ongoing obligations while minimizing contributions and controlling risks. This would result in funding short-term liabilities with lower volatility short-term assets, intermediate-term liabilities with moderate-volatility assets and longer-term liabilities with long-term assets.

Notes to Financial Statements

June 30, 2023 and 2022

By use of this structure, and by the diversification of assets, the total portfolio risk exposure and risk adjusted returns meet the plan's long-term total return goal.

The RF's investment managers, under agreement to manage the plan assets kept in the VEBA trust, exercise full investment discretion within the investment policy approved by the RF board of directors, and guidelines as described in the respective investment agreements. Assets must be managed with the care, skill, prudence, and diligence that a prudent investment professional in similar circumstances would exercise, in compliance with applicable laws and regulations.

(e) Basis Used to Determine the Overall Expected Long-Term Rate of Return on Assets Assumption

The RF works with a consultant to develop long-term rate of return assumptions used to model and determine the overall asset allocation. The return assumptions used in the asset allocation analysis are based on a building block approach in which risk premium is calculated for each asset class and adjusted for current market conditions including, but not limited to, current market valuations, yield, inflation, and various economic indicators.

The plan's asset allocation, utilizing various investment vehicles, as of June 30, 2023, as shown in the table below, is expected to meet the plan's expected return:

	Long-term	Short-term		
Asset class	target	target	Ranges	Actual
Cash	1.0 %	1.0 %	0-10 %	3.5 %
Fixed income:				
Government bonds	8.0 %	3.0 %	0-30 %	1.5 %
Credit	4.0 %	4.0 %	0-20 %	3.4 %
Private debt	9.0 %	6.0 %	0-20 %	7.2 %
Equities:				
Global equities	28.0 %	32.0 %	20-50 %	33.5 %
Hedged equities	15.0 %	14.0 %	0-25 %	12.0 %
Private equity	17.0 %	12.0 %	0-25 %	11.9 %
Absolute return	5.0 %	9.0 %	0-20 %	9.8 %
Real assets:				
Inflation-protected	3.0 %	6.0 %	0-10 %	4.4 %
Commodities	— %	— %	0-10 %	— %
Global real estate	10.0 %	13.0 %	5-20 %	12.8 %

(10) Retirement Plan

The RF maintains a noncontributory Section 401(a) retirement plan for substantially all nonstudent employees. Contributions are based on a percentage of earnings and range from 7% to 15%, depending on date of hire. In addition, the RF provides an additional retirement contribution if an employee retires and meets the age and service requirements for retiree health insurance. This additional contribution is calculated by multiplying the value of the employee's accrued sick leave, up to a maximum of 200 days, by the employee's contribution rate at the time of retirement. Employees become eligible to participate after completing one year of service (a one-year waiting period from their date of hire). At that time, contributions begin and they gain ownership of all future contributions made to their retirement accounts while employed by the RF.

Notes to Financial Statements

June 30, 2023 and 2022

Contributions are allocated to individual employee accounts. Vested participants have the option of having contributions to their accounts deposited in either, a guaranteed income account, an assortment of mutual funds, stocks, bonds, real estate, and money market investments, or a selection of nonproprietary funds that are offered by the Teachers Insurance and Annuity Association (TIAA). The payroll for RF employees covered by TIAA for the years ended June 30, 2023 and 2022 was approximately \$417.4 million and \$374.9 million, respectively. The RF retirement plan contributions were approximately \$32.2 million and \$30.1 million for the years ended June 30, 2023 and 2022, respectively. These contributions are equal to 100% of the required contributions for the year.

(11) Long-Term Obligations

		2023	2022
Long-term obligations:			
Bonds payable to Albany Industrial Development agency			
(AIDA); see note (a) below		2,920,000	3,165,000
Note payable to Citizens Bank, see note (b) below	_	1,375,000	2,160,714
Total long-term obligations	\$	4,295,000	5,325,714

- (a) The RF has an interest rate swap agreement, on the variable-rate AIDA bonds payable, with the Bank of New York to pay a fixed rate of interest of 3.615%. The bonds payable mature in 2032.
- (b) The RF has a fixed rate term loan with Citizens Bank with an interest rate of 3.68%, which commenced on February 2, 2018 and expires on February 1, 2025 and is fully collateralized by certain of the RF's investments.

Future scheduled payments as of June 30, 2023 are as follows:

			Bonds and notes payable					
			Principal	Interest				
Fiscal year:			_					
2024		\$	1,035,714	48,150				
2025			849,286	18,730				
2026			270,000	8,560				
2027			275,000	7,460				
2028			285,000	6,320				
Thereafter			1,580,000	13,080				
	Total	\$_	4,295,000	102,300				

The RF was in compliance with all loan covenant provisions in effect as of the issuance date of these financial statements.

Lines of Credit

The RF maintains unsecured lines of credit, with no fixed maturity date, in the amount of \$65.0 million, of which \$1.6 million and \$9.5 million were outstanding as of June 30, 2023 and 2022, respectively. During the year ended June 30, 2022, the borrowing rates ranged between 2.66% – 6.79%. The terms of the lines

Notes to Financial Statements

June 30, 2023 and 2022

include the specification that each draw must be repaid within one year, and that the bank has the right to demand full repayment of these lines of credit at any time. There has been no indication by the bank of its intent to exercise this right.

(12) Commitments and Contingencies

(a) Commitments

The RF has commitments under its NFX capital lease as well as agreements with industry partners to support the mission of the SUNY Poly campus, some of which are pending sponsorship or other funding. As of the issuance date of these financial statements, the RF does not anticipate any shortfalls of funding under these commitments to be material in nature.

(b) Contingencies

During the ordinary course of business, the RF is exposed to risks associated with legal proceedings and claims. A liability is recognized with respect to legal proceedings and claims if incurrence of a loss is probable and the amount of loss is reasonably estimable. It is not anticipated that potential liability from any matters as yet unresolved as of the issuance date will have a material effect on the RF's financial condition and/or cash flows.

(13) Functional Expenses

The statement of activities presents expenses by program classification. The RF also summarizes its expenses by functional and natural classifications. The RF's primary program service is research. Depreciation expense is assigned based on the functional classification of the contract or agreement for which an individual asset was acquired. Postretirement and other benefit expenses are allocated based on the functional classifications of salaries. Expenses, categorized based on functional and natural classifications for the years ended June 30, 2023 and 2022, are as follows (in thousands):

					2023			
	-	Decemb	Institutional	Public	l	Academic	Oth a m	Tatal
	-	Research	support	service	Instruction	support	Other	Total
Salaries	\$	231,808	67,782	56,234	39,034	13,721	1,862	410,441
Employee benefits		76,304	28,435	24,007	15,500	5,176	694	150,116
Subcontracts		94,225	11	14,675	8,347	1,299	36	118,593
Office expense		68,095	10,309	4,869	8,536	3,884	617	96,310
Depreciation and amortization		86,772	3,922	13	422	1	247	91,377
Fees for services		32,954	6,316	9,038	6,499	2,868	5,574	63,249
Occupancy		12,900	11,619	6,997	390	896	5,755	38,557
Equipment		23,179	4,482	811	1,545	1,443	461	31,921
Tuition and fees		10,112	280	425	11,426	327	539	23,109
Fellow ship stipends		4,814	1,095	794	10,666	869	1,601	19,839
Interest		14,197	2,896	_	_	_	_	17,093
Rental Equipment		4,992	1,063	100	143	90	_	6,388
Information technology		1,573	7,953	760	489	387	810	11,972
Travel		9,534	2,179	1,760	2,480	850	55	16,858
Other expenses		21,947	33,855	2,445	4,457	2,377	1,312	66,393
Total expenses	\$	693,406	182,197	122,928	109,934	34,188	19,563	1,162,216

Notes to Financial Statements

June 30, 2023 and 2022

					2022			
	-		Institutional	Public		Academic		,
		Research	support	service	Instruction	support	Other	Total
Salaries	\$	215,124	64,417	57,773	36,023	13,170	2,052	388,559
Employee benefits		71,736	26,497	25,184	14,495	4,344	696	142,952
Subcontracts		94,622	185	13,868	7,710	892	_	117,277
Office expense		62,781	16,408	5,835	4,575	2,716	361	92,676
Depreciation and amortization		80,167	3,386	13	297	1	253	84,117
Fees for services		27,795	9,898	11,978	2,768	3,221	1,203	56,863
Occupancy		10,145	13,421	6,875	282	809	4,869	36,401
Equipment		18,805	1,780	656	1,341	1,108	93	23,783
Tuition and fees		9,193	296	135	10,406	125	210	20,365
Fellow ship stipends		3,667	768	667	11,217	298	1,676	18,293
Interest		15,911	369	_	_	_	_	16,280
Rental Equipment		14,141	274	68	124	3	_	14,610
Information technology		2,902	6,964	675	914	120	642	12,217
Travel		3,737	1,240	856	912	241	22	7,008
Other expenses		22,515	31,359	3,309	3,207	985	626	62,001
Total expenses	\$	653,241	177,262	127,892	94,271	28,033	12,703	1,093,402

(14) Subsequent Events

The RF considers events or transactions that occur after the balance sheet date, but before the financial statements are issued, to provide additional evidence relative to certain estimates or to identify matters that require additional disclosure. These financial statements covering the year ended June 30, 2023 were available to be issued on September 29, 2023 and subsequent events have been evaluated through that date.



SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Year Ended June 30, 2023

Total

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: U.S. Department of Agriculture:							
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001			\$ 130,144	-	-	
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001 10.001			93,049 71,064	-	-	
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001			7,407	-	-	
AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH	10.001 10.025			18,785 103	-	-	320,449
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025			3.940	-	-	
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025			20,017	-	-	
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025 10.025			61,258 16,397	-	-	101 715
CONSERVATION RESERVE PROGRAM	10.069			67,833	-	-	67,833
TRANSPORTATION SERVICES FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.167 10.175	VIRGINIA TRANSPORTATION RESEARCH COUNCIL	121073	234,449	14,308	-	14,308 234,449
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200	UNIVERSITY OF MARYLAND	91284Z5111203	204,449	157,029	21,812	
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS COOPERATIVE FORESTRY RESEARCH	10.200 10.202	UNIVERSITY OF MARYLAND	98462Z5220203	3.206	15,846	-	172,875
COOPERATIVE FORESTRY RESEARCH	10.202			107,234	-	-	
COOPERATIVE FORESTRY RESEARCH	10.202			527,821	-	-	
COOPERATIVE FORESTRY RESEARCH SMALL BUSINESS INNOVATION RESEARCH	10.202 10.212	PECOS WIND POWER INCORPORATED	PECOSUSDA SUNY 001	49,742	26,428	-	688,003 26,428
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219		1200000070011001	97		-	97
COMMUNITY FOOD PROJECTS AGRICULTURAL MARKET AND ECONOMIC RESEARCH	10.225 10.290	WESTMINSTER ECONOMIC DEVELOPMENT INITIATIVE SYRACUSE UNIVERSITY	N/A 33183 06266 S01	-	(221) 30 439	-	(221) 30,439
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	UNIVERSITY OF WISCONSIN AT MADISON	0000002352		20,776	-	30,439
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	IOWA STATE UNIVERSITY	023312A	-	91,423	-	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	IOWA STATE UNIVERSITY WEST VIRGINIA UNIVERSITY	025297A 20182SUNY	-	33,217 199,371	-	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	NEST VIII SIM CONTENSION	2010200111	166,941	-	-	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310			97,785 139,103	-	20,936 50,398	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			183,154		25,438	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310			92,771	-	35,589	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310	IOWA STATE UNIVERSITY	4164197A	125,415	7.831	-	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310	CORNELL UNIVERSITY	84041 11059	-	18	-	
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) RURAL BUSINESS DEVELOPMENT GRANT	10.310 10.351	FLORIDA INSTITUTE OF TECHNOLOGY	GR232438	16,179	21,534	-	1,179,339 16,179
FOOD AND AGRICULTURE SERVICE LEARNING PROGRAM	10.522			21,296	-	-	21,296
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652	COLGATE UNIVERSITY UNIVERSITY OF VERMONT	201684-618 AWD0000051SUB00000222	-	10,547 81.493	-	
FORESTRY RESEARCH	10.652	UNIVERSITY OF VERMONT UNIVERSITY OF VERMONT	AWD00000051SUB00000222 AWD00000051SUB00000233		47,687	10,238	
FORESTRY RESEARCH	10.652	UNIVERSITY OF VERMONT	AWD00000051SUB00000236 P200009	-	13,865	13,865	
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652	UNIVERSITY OF VERMONT UNIVERSITY OF VERMONT	AWD00000637SUB00000264 AWD0000637SUB0000350 PO210723	-	21,622 29.866	-	205,080
COOPERATIVE FORESTRY ASSISTANCE	10.664	UNIVERSITY OF VERMONT	210211 AWD00000334SUB00000382	-	6,169	-	200,000
COOPERATIVE FORESTRY ASSISTANCE COOPERATIVE FORESTRY ASSISTANCE	10.664 10.664			26,066 160.665	-	27.209	
COOPERATIVE FORESTRY ASSISTANCE	10.664	ADIRONDACK MOUNTAIN CLUB	N/A	100,005	3,891	27,209	
COOPERATIVE FORESTRY ASSISTANCE WOOD UTILIZATION ASSISTANCE	10.664 10.674	NATURE SANCTUARY SOCIETY OF WESTERN NEW YORK	N/A	28,401	4,090	-	200,881
URBAN AND COMMUNITY FORESTRY PROGRAM	10.674			28,401 129,195	-	41,449	28,401
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675			33,693	-	-	162,888
FOREST HEALTH PROTECTION FOREST HEALTH PROTECTION	10.680 10.680	SLOW THE SPREAD FOUNDATION INCORPORATED	22-01-13	27,494	3,917	-	31.411
INTERNATIONAL FORESTRY PROGRAMS	10.684	SECTION THE STREET CONDITION HOUSE STREET	22 01 10	24,421	-	-	01,411
INTERNATIONAL FORESTRY PROGRAMS INTERNATIONAL FORESTRY PROGRAMS	10.684 10.684			82,160	-	-	202.608
STATE & PRIVATE FORESTRY COOPERATIVE FIRE ASSISTANCE	10.698			96,027 129,344			129,344
RESEARCH JOINT VENTURE AND COST REIMBURSABLE AGREEMENTS	10.707 10.912			25,786	-	-	25,786 19.070
ENVIRONMENTAL QUALITY INCENTIVES PROGRAM AGRICULTURAL CONSERVATION EASEMENT PROGRAM	10.912			19,070 22,698	-	5,277	19,070
Total U.S. Department of Agriculture				3,060,210	841,146	252,211	3,901,356
				0,000,210	011,140	202,211	0,001,000
U.S. Department of Commerce: NOAA MISSION-RELATED EDUCATION AWARDS	11.008	RTSYNC CORPORATION	20220214		50,398		
NOAA MISSION-RELATED EDUCATION AWARDS	11.008	RTSYNC CORPORATION	20230405		28,957	-	79,355
OCEAN EXPLORATION	11.011 11.012	NATIONAL MARINE SANCTUARY FOUNDATION GREAT LAKES OBSERVING SYSTEM	22 01 B 417 IOOS098YR2NBN14	-	20,275	-	20,275
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS) INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.012	GREAT LAKES OBSERVING SYSTEM GREAT LAKES OBSERVING SYSTEM	IOOS098YR2NBN14 IOOS098YR3NBN24	-	11,806 2 409	-	14.215
STATISTICAL, RESEARCH, AND METHODOLOGY ASSISTANCE	11.016	SYNOPTIC DATA	S20170122	-	799,441	-	799,441
OCEAN ACIDIFICATION PROGRAM (OAP) ECONOMIC ADJUSTMENT ASSISTANCE	11.017 11.307	RUTGERS UNIVERSITY	PO1415619	458,477	51,177	49,642	51,177
ECONOMIC ADJUSTMENT ASSISTANCE	11.307	UNITED STATES ENDOWMENT FOR FORESTRY AND COMMUNITIES INCORPORATED	21 00199	-	86,098	-	
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307	GOODWILL INDUSTRIES OF WNY INCORPORATED	N/Δ	159,536	16 110	-	720.221
COOPERATIVE INSTITUTE (INTER-AGENCY FUNDED ACTIVITIES)	11.307 11.405	UNIVERSITY OF RHODE ISLAND	000992801312023	-	43,543	-	720,221 43,543
SEA GRANT SUPPORT	11.417	STATE OF MAINE	13A2022110100000001273	-	20,003	-	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417	UNIVERSITY OF VERMONT	32817SUB53045 PO# 175766	92,589	8,816	8.816	
SEA GRANT SUPPORT	11.417	UNIVERSITY OF VERMONT	32817SUB53045 PO# 175766	-	(69)		
SEA GRANT SUPPORT	11.417 11.417	UNIVERSITY OF VERMONT UNIVERSITY OF VERMONT	32817SUB53303	-	29,593 141,258	-	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417	UNIVERSITY OF VERMONT UNIVERSITY OF VERMONT	AWD0000860SUB00000333 AWD000860SUB0000332 PO#203436	-	141,258 42,389	-	
SEA GRANT SUPPORT	11.417		********	2,308,728		938,333	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			33,725 62.282	-	33,725 62.282	
52. G. Vall	11.417			02,202	-	02,202	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
SEA GRANT SUPPORT	11.417			\$ 152,104	-		
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			1,249,577 80,592		1,072,065 74,092	
SEA GRANT SUPPORT FISHERIES DEVELOPMENT AND UTILIZATION RESEARCH AND DEVELOPMENT GRANTS AND COOPERATIVE	11.417	UNIVERSITY OF MAINE AT ORONO	UMS1341	-	58,630	· -	4,280,217
AGREEMENTS PROGRAM	11.427	GULF OF MAINE RESEARCH INSTITUTE	10SKCOD21STONY	-	21,533	_	21,533
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431	UNIVERSITY OF HAWAII	MA1798	48.092	79,302	-	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			41,445		-	
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431			147,160 4,856	-	=	
CLIMATE AND ATMOSPHERIC RESEARCH	11.431	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	SUBAWD003370	4,830	9,931	-	330,786
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES UNALLIED MANAGEMENT PROJECTS	11.432 11.454	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA UNIVERSITY OF MAINE AT ORONO	202245 UMS1342	-	178,466 45,660	-	178,466 45.660
WEATHER AND AIR QUALITY RESEARCH	11.459	UNIVERSITY OF MAINE AT ORONO	UWIS 1342	11,166	45,000	-	45,000
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459 11.459			67,487 23,972		-	
WEATHER AND AIR QUALITY RESEARCH	11.459			20,192	-	-	
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459 11.459			87,060 151,765	-	-	
WEATHER AND AIR QUALITY RESEARCH	11.459			125,669	-	29,300	
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459 11.459			288,337 190,336		-	
WEATHER AND AIR QUALITY RESEARCH	11.459			8,555	-	-	
WEATHER AND AIR QUALITY RESEARCH WEATHER AND AIR QUALITY RESEARCH	11.459 11.459			95,268 66,987	-	-	
WEATHER AND AIR QUALITY RESEARCH	11.459			22,496	-	-	1,159,290
HYDROLOGIC RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.462 11.468	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH COLORADO STATE UNIVERSITY	SUBAW D001880 G2701901		68,640 4.834	-	68,640
APPLIED METEOROLOGICAL RESEARCH	11.468	COLORADO STATE SINVENSTI	32701301	3,269	4,034	-	
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468			10,079 129,769		-	
APPLIED METEOROLOGICAL RESEARCH	11.468			55,628	-	-	
APPLIED METEOROLOGICAL RESEARCH CONGRESSIONALLY IDENTIFIED AWARDS AND PROJECTS	11.468 11.469			31,103 381,243			234,682 381,243
FISHERIES DISASTER RELIEF	11.477			41,784	-	-	41,784
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478 11.478	VIRGINIA INSTITUTE OF MARINE SCIENCE	722373712684	277,135	70,241	203,923	
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM	11.478	MBIO DIAGNOSTICS INCORPORATED	NA20NOS4780186 SUNY	-	44,705	-	
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH COASTAL OCEAN PROGRAM EDUCATIONAL PARTNERSHIP PROGRAM	11.478 11.481	HOWARD UNIVERSITY	00099361000096489	11,308	8.934	-	403,389 8.934
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	TOWNED SHIPERSTI	0000001000000000	40,516	-	-	0,504
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609 11.609			109,732 311,050		120,771	
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609			243,465		120,771	
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609 11.609			205,669 29,264	-	-	
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609	COLORADO STATE UNIVERSITY	G9904204	-	39,495	-	979,191
CONGRESSIONALLY-IDENTIFIED PROJECTS ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE	11.617 11.619			12,263 119,460	-	105.901	12,263
ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE	11.619			2,150,588		1,734,156	
ARRANGEMENTS FOR INTERDISCIPLINARY RESEARCH INFRASTRUCTURE	11.619	UNIVERSITY OF DELAWARE	PC4.1-146		58,763		2,328,811
Total U.S. Department of Commerce				10,161,778	2,041,338	4,433,006	12,203,116
U.S. Department of Defense: DEPARTMENT OF DEFENSE	12.000	SOUTHERN RESEARCH INSTITUTE	108371		117.768		
DEPARTMENT OF DEFENSE	12.000	CREARE INCORPORATED	115218	-	17,555	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	CREARE INCORPORATED JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY	121227 180161		30,620 5.210	-	
DEPARTMENT OF DEFENSE	12.000	JOHNS HOPKINS UNIVERSITY	2005729783	-	79,608	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	NATIONAL CENTER FOR MANUFACTURING SCIENCES ADVANCED TECHNOLOGY INTERNATIONAL	2022136-142232 2022431001		62,964 368,784	-	
DEPARTMENT OF DEFENSE	12.000	BOEING COMPANY	2189200	-	48,035	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	BROOKHAVEN SCIENCE ASSOCIATES LLC VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	399805 45085319245	-	53,301 405 598	-	
DEPARTMENT OF DEFENSE	12.000	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	45087019245	-	430,398	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV MIT LINCOLN LABORATORY	45091719245 7100451264	-	217,130 148 194	-	
DEPARTMENT OF DEFENSE	12.000	RENSSELAER POLYTECHNIC INSTITUTE	A210070S001A01	-	149,459	14,047	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	STI OPTRONICS ACCENTURE FEDERAL SERVICES LLC	A28571 BRIARUBTO0722	-	142,238 217.184	-	
DEPARTMENT OF DEFENSE	12.000	UTAH STATE UNIVERSITY SPACE DYNAMICS LABORATORY	CP0071894	-	25,425	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	GEORGE MASON UNIVERSITY RJ LEE GROUP	E2057061 FA228022C0009	-	35,991 44 772	-	
DEPARTMENT OF DEFENSE	12.000	AKAI KAERU LLC	FA864922P0029	-	20,427	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	JOHNS HOPKINS UNIVERSITY KITWARE INCORPORATED	H9823016D00260006 K00308800S07	-	1,772 181,477	-	
DEPARTMENT OF DEFENSE	12.000	TOTAL MOON OF THE	11000000000	55,395	-	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	JETCOOL TECHNOLOGIES INCORPORATED	N6833521C0427	275,877	2,552	-	
DEPARTMENT OF DEFENSE	12.000	NEXTFLEX	N/A	-	126,565	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	RJ LEE GROUP PARC, A XEROX COMPANY	N/A P315957	-	109,287 (205)	-	
DEPARTMENT OF DEFENSE	12.000	PAR GOVERNMENT SYSTEMS CORPORATION	PGSCSC11137410	-	202,359	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	PAR GOVERNMENT SYSTEMS CORPORATION PAR GOVERNMENT SYSTEMS CORPORATION	PGSCSC11140111 PGSCSC11140116	-	188,224 246,514	-	
DEPARTMENT OF DEFENSE	12.000	SRI INTERNATIONAL	PO49196		286,904	-	
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000	UNIVERSITY OF DAYTON RESEARCH INSTITUTE UES INC	RSC19063 S111064001	-	89,405 5.015	-	
					-,-10		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							Total
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
	number	rass-unough entity name	Pass-tirough number	expenditures	experiultures	to subrecipients	rederal grantor
RESEARCH AND DEVELOPMENT CLUSTER: DEPARTMENT OF DEFENSE	12 000	CHARLES RIVER ANALYTICS INC	SC2111101	s -	8 115	_	
DEPARTMENT OF DEFENSE	12.000	PRINCETON SATELLITE SYSTEMS	SCO2130010015		1,159		
DEPARTMENT OF DEFENSE	12.000	LYNNTECH INCORPORATED	W15QKN22C0040	-	39,913	-	
DEPARTMENT OF DEFENSE	12.000 12.114			397,523 296,017	-	-	4,838,512 296.017
COLLABORATIVE RESEARCH AND DEVELOPMENT BASIC AND APPLIED SCIENTIFIC RESEARCH	12.114 12.300	SUNRAY SCIENTIFIC LLC	1091	296,017	20.797		296,017
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CARNEGIE MELLON UNIVERSITY	1141345449621	-	126,337		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CORNELL UNIVERSITY	142620-21688	-	14,546	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CFD RESEARCH CORPORATION	20200703	-	167,752	74,994	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	UNIVERSITY OF TEXAS AT DALLAS DUKE UNIVERSITY	2109143 3131090		54,655 228,839	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	NORTHEASTERN UNIVERSITY	50337878050		(2,138)		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	ARIZONA STATE UNIVERSITY	ASUB00000771	-	39,122	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	LIFT SPACE DYNAMICS LABORATORY	C2001 CP0053769	-	359,842 16.948	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	NEW YORK UNIVERSITY	F137401PO IB00436960		14 363	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	NEW YORK UNIVERSITY	F222903	-	119,324	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	LIQUIDPISTON	FA864921P0048	-	27,978	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			302,020 787.966	-	472,055	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			121.670	-	472,000	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			1,302,698	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			18,182	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	UNIVERSITY OF NEW HAMPSHIRE	L0076	45,941	109,576	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			114.169		-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			243,949			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			24,903	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			111,330 240,306	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			90.245		-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			212,421			
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			4,939	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			2,055 387 585	-	746 171 056	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			313.024		87,341	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			196,723		-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			154,613	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			195,296	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			239,412 193,958		-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			2.853.975	-	1,895,194	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			37,906	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			216,740	-	24,109	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY	N000142112611	116,290	61.584	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	NOTWESTAN SHIVE NOT TO SCIENCE AND TESTINOESS	14000142112011	18.980	01,504	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			2,271,946	-	1,458,874	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			254,178	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			159,655 37,189	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			134.877		-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			151,575	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			5,813	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300			165,247 93,307	-	55,133	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			557.540	-		
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300			6,656	-	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	CRITICAL TECHNOLOGIES INCORPORATED	N6833521C0446_PH01SUBK01	-	2,065	-	
BASIC AND APPLIED SCIENTIFIC RESEARCH NAVAL MEDICAL RESEARCH AND DEVELOPMENT	12.300 12.340	UNIVERSITY OF MIAMI	SPC001427 P010252986	-	22,666 110,859	-	13,769,535 110.859
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351	GENERAL ELECTRIC GLOBAL RESEARCH	401150290		30,001	-	110,009
BASIC SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS DESTRUCTION	12.351			365,828	· -	308,460	395,829
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	0012983A	-	(8,789)	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420	WRIGHT STATE UNIVERSITY TRUDEAU INSTITUTE INCORPORATED	0055455 1920019UPS	-	9,733 52,643	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	210043 - PO 4100747008		6,029	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	LUNA INNOVATIONS INCORPORATED	3724.02SUNY		114,019		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	HEALTH RESEARCH INC	43801	-	80,896	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	OHIO STATE UNIVERSITY	60079530 9078	-	101,789 39.256	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420	TRUSTEES OF INDIANA UNIVERSITY EMORY UNIVERSITY	9078 A732181		39,256 23,992	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	MICRORID TECHNOLOGIES INCORPORATED	DODW81XWH2010390	-	348.655	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	VIRGINIA COMMONWEALTH UNIVERSITY	FP00018302SA002	-	15,578	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	CATHBUDDY	FP7087 - W81XWH2210605	-	7,629	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420	PHOENIX CHILDREN'S HOSPITAL ADVANCED TECHNOLOGY INTERNATIONAL	FRYE1902 MTEC1701DHIM01	-	49,997 431,501	130.350	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	ATUX ISKAY GROUP	PR190071	-	38,349	130,330	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER	RF70031-2019-0388	-	25,744	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	GENEVA FOUNDATION	S1105701	-	40,503	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420	BUFFALO INSTITUTE FOR MEDICAL RESEARCH	UB20190915JQ	22 333	52,446	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			22,333 71,344	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			408			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			127,357	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			50,349	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			61,658 141,739	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			71.980		- :	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

Endoral grantovillodoral publiship or page through grantovillodoral program	Assistance listing	Pass through online name	Page through number	Direct	Pass- through	Passed- through	Total expenditures by ALN and foderal granter
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	BRONX VETERANS MEDICAL RESEARCH FOUNDATION INCORPORATED	W81XWH191077001	s -	104,047	_	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420	BRONX VETERARO MEDICAE REGEARCHT GORDATION INCOM GRATED	WOIXWITTSTOTTOOT	1,446,039	104,047	887,548	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			134,018	-	31,454	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			183,577 128,753	-	52,486	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			266,426	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			149,009	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			31,761	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			320,921 91 806	-	67,971	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			45,233	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			95,521	-	1,357	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			145,666 164.976	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			480,147		77,316	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			253,885	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			269,065	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			186,084 78,738		-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			99,934		-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			44,557	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			310,201	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			140,299 132.593	-	27,385	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			174,102	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			49,402	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			67,167 188.094	-	-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420			293.393	-		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			51,422	-	2,296	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420			62,918		-	
MILITARY MEDICAL RESEARCH AND DEVELOPMENT BASIC SCIENTIFIC RESEARCH	12.420 12.431	WASHINGTON UNIVERSITY UNIVERSITY OF MARYLAND	WU230072 109257Z8471203	-	15,128 226.510	-	8,182,020
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF MARYLAND	109810-Z8471206		277,315	-	
BASIC SCIENTIFIC RESEARCH	12.431	TETRA TECH INCORPORATED	1187199	-	83,660	5,603	
BASIC SCIENTIFIC RESEARCH	12.431	NEW YORK MEDICAL COLLEGE	124121	-	30,215	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	PURDUE UNIVERSITY PURDUE UNIVERSITY	13000844-021 13001022-064	-	182,645 43,981	-	
BASIC SCIENTIFIC RESEARCH	12.431	TRUSTEES OF BOSTON UNIVERSITY	4500003034		85,069		
BASIC SCIENTIFIC RESEARCH	12.431	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	45073119245	-	65,668	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	RENSSELAER POLYTECHNIC INSTITUTE RENSSELAER POLYTECHNIC INSTITUTE	A12843 A210081S001	-	45,745 109,746	-	
BASIC SCIENTIFIC RESEARCH	12.431	FAIRLEIGH DICKINSON UNIVERSITY	ARI22-003		37.770	-	
BASIC SCIENTIFIC RESEARCH	12.431	SEMI	FT19-22-216	-	634,283	489,054	
BASIC SCIENTIFIC RESEARCH	12.431	SRI INTERNATIONAL	PO49034	-	151,001	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA SRI INTERNATIONAL	PO5063491 FUND 585968 PO66725	-	123,077 214,851	-	
BASIC SCIENTIFIC RESEARCH	12.431	UNIVERSITY OF HOUSTON	R190101	-	10,916	-	
BASIC SCIENTIFIC RESEARCH	12.431	OHIO STATE UNIVERSITY	SPC1000007048GR129060		26,899	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431	MAGNOLIA OPTICAL TECHNOLOGIES INCORPORATED	W31P4Q10C0008	35 023	41,540	-	
BASIC SCIENTIFIC RESEARCH	12.431			150,708			
BASIC SCIENTIFIC RESEARCH	12.431			4,596	-	-	
BASIC SCIENTIFIC RESEARCH	12.431			559,576	-	485,411	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431			116,107 86 477	-	15,042	
BASIC SCIENTIFIC RESEARCH	12.431			95,273	-		
BASIC SCIENTIFIC RESEARCH	12.431			39,953	-	-	
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431			234,792 231,788	-	-	
BASIC SCIENTIFIC RESEARCH	12.431			9.815		-	
BASIC SCIENTIFIC RESEARCH	12.431			102,562	-	-	
BASIC SCIENTIFIC RESEARCH	12.431			118,020	-		
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431			53,500 122,965	-	13,060	
BASIC SCIENTIFIC RESEARCH	12.431			39,251			4,391,297
DOD, NDEP, DOTC-STEM EDUCATION OUTREACH IMPLEMENTATION	12.560	IS4S	105166000100010001	-	42,167	-	42,167
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630	NORTHWESTERN UNIVERSITY UNIVERSITY OF CALIFORNIA AT SAN DIEGO	60058661BUFF 703812	-	15,383 63,300	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	703612		56,486		
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			89,125	-	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			80,941	-	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630	UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	KK1919	77,793	69,214	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	PRAIRIE VIEW A&M UNIVERSITY	S160502 M1602156	-	(290)		
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630	AMERICAN GNC CORPORATION	UA120621	-	(262)	-	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630			102,579 617,399	-	349 541	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC APPLIED AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630			617,399 838,319	-	349,541 493 564	
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630			63,717	-	(21,450)	2,073,704
LEGACY RESOURCE MANAGEMENT PROGRAM	12.632			18,708	-		18,708
PAST CONFLICT ACCOUNTING AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.740 12.800	INTERNATIONAL ARCHAEOLOGICAL RESEARCH INSTITUTE WRIGHT STATE UNIVERSITY	IARII AWARD 5927 074071	-	20,117 28.935	-	20,117
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF MARYLAND	074071 11844778495201	-	28,935 39,346	-	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF MASSACHUSETTS AMHERST	22016722A01	-	140,295	-	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FLEX TECH ALLIANCE	716022	-	44,603	44,603	
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	FLEX TECH ALLIANCE GEORGIA INSTITUTE OF TECHNOLOGY	716023 AWD-101582-G1 PO-5004254	-	75,743 352,692	75,743	
AIR FORGE DEFENSE RESEARCH SCIENCES PROGRAM	12.000	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-101362-G1 PO-3004254	-	352,092	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023								
	Assistance				Pass-	Passed-	Total expenditures	
	listing			Direct	through	through	by ALN and	
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor	
RESEARCH AND DEVELOPMENT CLUSTER:								
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK UNITED AIRCRAFT TECHNOLOGIES	CM0000977900 FA864921P0157	\$ -	5,720	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	SEEQC SEEQC	FA864921P0157		(5,103) 303,420			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	GEEGO	1 70043211 0773	18,611,185	303,420	5,824,856		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			185,819	-			
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			272,653	-	170,802		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			214,762 15.512	-	15,512		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			105 278		10,512		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			151,150	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			55,984	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			65,861	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES REGEAM	12.800			361,977 178,348	-	130,150		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			151,710				
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			223,709	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			38,524	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			269,586 76.069	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			231.993		- :		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			162,273	-	_		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			101,802	-	24,094		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			83,624	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			690,121 237.663	-	447,571		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			1,030,452		323,693		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			40,206	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			179,805	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			65,115 23,102	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800			23,102 52 186	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			4.981	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800			3,644	-	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	INTELLIGENT FUSION TECHNOLOGY INCORPORATED	IFT091-01	-	26,391	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	UNIVERSITY OF CALIFORNIA AT SANTA BARBARA XANALYTIX SYSTEMS LLC	KK2010 N/Δ	-	88,502 65,575	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	NANO-BIO MATERIALS CONSORTIUM	N/A NB18-20-20	-	33,239	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UNIVERSITY OF BRISTOL	S100316101	-	43,458	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	UES INC	S11106I001	-	2,313	-		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	GRIFFISS INSTITUTE	SA10012022020481	-	401,013	34,887		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	FLEX TECH ALLIANCE	SEMI-FLEXTECH FT19-21-210	-	547,781	528,078		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800	FLEX TECH ALLIANCE FLEX TECH ALLIANCE	SEMI-FLEXTECH FT19-21-211 SEMI-NBMC #NB18-20-23	-	347,096 150.470	316,509 147,012		
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800	NANO-BIO MATERIALS CONSORTIUM	SEMI-NBMC #NB18-21-35		786,059	639,832	27,362,642	
GENCYBER GRANTS PROGRAM	12.903			52,626	-	-	52,626	
CYBERSECURITY CORE CURRICULUM	12.905			192,663	-	-		
CYBERSECURITY CORE CURRICULUM RESEARCH AND TECHNOLOGY DEVELOPMENT	12.905 12.910	AMORRIDA I NIN FERRITA OF COLEMOS AND TERMINAL COM	0007412001	56,723	103,518	-	249,386	
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY XALLENT	140D0419C0096	-	114 910			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	APTIMA INCORPORATED	1620-2292	-	39.791			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	FLORIDA INSTITUTE FOR HUMAN AND MACHINE COGNITION	202101101SBU	-	42,155	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	FLORIDA INSTITUTE FOR HUMAN AND MACHINE COGNITION	202102001SBU	-	81,223	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK NORTHEASTERN UNIVERSITY	2GG01718301 SAPO G16358 50523278051	-	108,664 192,891	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	SRIINTERNATIONAL	64653		204.912			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	GEORGIA INSTITUTE OF TECHNOLOGY	AWD-003273-GI	-	85,747	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEW YORK UNIVERSITY	F731501	-	31,343	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			597,045	-	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	QUNNECT LLC	FA875020P1713	107,782	73.384			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	ANALOG PHOTONICS LLC	HR0011 19 C 0083		196,042			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			304,255	-	190,117		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			3,237,927	-	1,621,512		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	POWDERMET INCORPORATED	HROJ1121C0145	3,035	14.888	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	KITWARE INCORPORATED	K00308800S04		107,716	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	PC7.1.2-SUNY-GE	-	152,851	138,105		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	PC7.7.1 SUNY-GE	-	215,073	186,573		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910	ANALOG PHOTONICS LLC NEXTFLEX	SUB-2-HR011-16-C-0108 TASK 6.10	-	1,304,814 321,112	267,366		
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	TASK 6.10		130 895	267,300 96,327		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	TASK 6.2	_	279.658	231,192		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	NEXTFLEX	TASK 6.7	-	340,116	243,107		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	OPTOXENSE	W31P4Q21C0002		20,318	-		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910			193,546			8,605,611	
Total U.S. Department of Defense				52,928,477	17,480,553	19,367,638	70,409,030	
U.S. Department of Housing and Urban Development:								
HEALTHY HOMES TECHNICAL STUDIES GRANTS	14.906			161,474		13,897	161,474	
Total U.S. Department of Housing and Urban Development				161,474		13,897	161,474	
U.S. Department of the Interior:								
DEPARTMENT OF THE INTERIOR	15.000			11,218	-	-		
DEPARTMENT OF THE INTERIOR	15.000	LINIVEDOITY OF NEW HAMPOHIDE	19010	7,178	-	-		
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000	UNIVERSITY OF NEW HAMPSHIRE NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	17019 AM11043	-	6,936 834.854	68,022	860.186	
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE MANAGEMENT	15.231	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM11059	-	36,540	-	36,540	
FISH AND WILDLIFE COORDINATION ACT	15.517	WAYNE STATE UNIVERSITY	WSU20120	-	3,995	-	3,995	
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608	BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM	144AAH7344	-	15,295	-		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023									
	Assistance				Pass-	Passed-	Total expenditures		
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor		
RESEARCH AND DEVELOPMENT CLUSTER:									
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608			\$ 68,544	-	-			
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608			12,311		-	96,150		
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611 15.611	MISSOURI DEPARTMENT OF CONSERVATION	76 B	-	(7)	-			
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	ALASKA DEPARTMENT OF FISH AND GAME NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	COOP 19 051 N/A		219,698 171,758				
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	KANSAS DEPARTMENT OF WILDLIFE PARKS AND TOURISM	W 125 R 1		56,178				
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	WLD1814 GG# 751 21-937	-	119	-			
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	WLD1815 GG# 751 21-938	-	66,182	-	513,928		
PARTNERS FOR FISH AND WILDLIFE PARTNERS FOR FISH AND WILDLIFE	15.631 15.631	TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT	2019-79 N/A	-	661 2,512	-	3,173		
MIGRATORY BIRD JOINT VENTURES	15.637	CLEMSON UNIVERSITY	2274 216 2024437	-	31	-	3,173		
MIGRATORY BIRD JOINT VENTURES	15.637			56,016	-	-	56,047		
RESEARCH GRANTS (GENERIC)	15.650	NATIONAL FISH AND WILDLIFE FOUNDATION	#2005-0129-069C / 76558	-	3,067	-	3,067		
RECOVERY ACT FUNDS - HABITAT ENHANCEMENT, RESTORATION AND IMPROVEMENT ENDANGERED SPECIES CONSERVATION & RECOVERY IMPLEMENTATION FUNDS	15.656 15.657			13,641 136,178	-	-	13,641		
ENDANGERED SPECIES CONSERVATION DIRECOVERY IMPLEMENTATION FUNDS ENDANGERED SPECIES CONSERVATION DIRECOVERY IMPLEMENTATION FUNDS	15.657			140,358					
ENDANGERED SPECIES CONSERVATION D RECOVERY IMPLEMENTATION FUNDS	15.657			1,654			278,190		
NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.658			79,619	-				
NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.658	ADIRONDACK CENTER FOR LOON CONSERVATION	N/A	-	14,381	-	94,000		
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662	NATIONAL AUDUBON SOCIETY INCORPORATED	N/A	50,324	24,552	-			
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662	MICHIGAN STATE UNIVERSITY	RC113914SUNY		27,981	-	102,857		
ADAPTIVE SCIENCE	15.670	NEVADA DEPARTMENT OF WILDLIFE	SG22 12		26,348		26,348		
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.677	UNIVERSITY OF DELAWARE	49164	-	18,343	-	18,343		
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805	CORNELL UNIVERSITY	14050421369		12,794	-	00 707		
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES EARTHQUAKE HAZARDS PROGRAM GRANTS	15.805 15.807			7,943 43,014	-	-	20,737 43,014		
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			4.715	-	-	40,014		
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808	AMERICAVIEW	AV18 NY 01		30,583				
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			14,031	-	-			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			455	-	-			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808 15.808			82,484 162,521	-	-			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			16,744	-	-			
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808			7,205	-	-	318,738		
NATIONAL GEOLOGICAL AND GEOPHYSICAL DATA PRESERVATION PROGRAM	15.814	STATE OF VERMONT	44868	-	7,133	-	7,133		
NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT	15.922			35,363	-	-	35,363		
NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND TRAINING COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.923 15.945			8,340 10,145	-	-	8,340		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			15,755					
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			13,616	-	-			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			57,745	-	-			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			4,619 61.346	-	-			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			24,895					
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			46,393					
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			1,351	-	-			
COOPERATIVE RESEARCH AND TRAINING PROGRAMS RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			4,002			239,867		
Total U.S. Department of the Interior				1,199,723	1,579,934	68,022	2,779,657		
U.S. Department of Justice:									
DEPARTMENT OF JUSTICE	16.000	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	09097JJJJRF	_	133,016	_			
DEPARTMENT OF JUSTICE	16.000	The transfer of the second of	000700011	659,400	-	-	792,416		
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			198,291	-	-			
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			39,551	-	-			
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560 16.560			42,942 246,171	-	146.847			
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560			137,930		56,541	664,885		
CRIME VICTIM ASSISTANCE	16.575	LIFESPAN OF GREATER ROCHESTER INCORPORATED	N/A	-	38,254	-	38,254		
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	BUFFALO POLICE DEPARTMENT	2018DJBX0098	-	13,344	-	13,344		
IMPROVING THE INVESTIGATION AND PROSECUTION OF CHILD ABUSE AND THE REGIONAL AND LOCAL CHILDREN'S ADVOCACY CENTERS	16.758	ZERO ABUSE PROJECT	N/A		6.093		6,093		
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838	COUNTY OF ULSTER	20200000594		13,737		13,737		
				1,324,285	204,444	203,388	1,528,729		
Total U.S. Department of Justice				1,324,203	204,444	203,300	1,320,729		
U.S. Department of Labor: DEPARTMENT OF LABOR									
DEPARTMENT OF LABOR DEPARTMENT OF LABOR	17.000 17.000	NATIONAL INSTITUTE FOR INNOVATION AND TECHNOLOGY	1605C2-22-C-0006	-	3,300 31,569	-	34 869		
WORKFORCE INVESTMENT ACT (WIA) NATIONAL EMERGENCY GRANTS	17.000 17.277	GOODWILL INDUSTRIES OF WNY INCORPORATED WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH	N/A N/A	-	31,569 8.768	-	34,869 8,768		
Total U.S. Department of Labor	17.211	WESTERN WITGOSKOIE ON GOODS A HONAE DAI ETT & HEAETT	N/A		43,637		43,637		
Total U.S. Department of Labor					43,637		43,637		
U.S. Department of State:									
GLOBAL THREAT REDUCTION	19.033			2,951	-	-	2,951		
PUBLIC DIPLOMACY PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040 19.040	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SRS50021GR3010	34,544	4,520	-			
PUBLIC DIPLOMACY PROGRAMS	19.040	AMENICAN COOKCIET ON INTERNATIONAL EBOOKTION	01(030021G1(3010	462	4,520	-	39.526		
Total U.S. Department of State				37,957	4,520		42,477		
				31,931	4,320		42,477		
U.S. Department of Transportation:	20.000	TOYCELLIC	0040007		204.040				
DEPARTMENT OF TRANSPORTATION DEPARTMENT OF TRANSPORTATION	20.000 20.000	TOXCEL LLC	2019007	2,035	201,046	723			
DEPARTMENT OF TRANSPORTATION DEPARTMENT OF TRANSPORTATION	20.000	UNIVERSITY OF ARKANSAS	UA2021241	2,035	138,994	123	342,075		
BRIDGE ALTERATION	20.007	DELTA ENGINEERS	PIN 9754.90	-	642	-	642		
AIRPORT IMPROVEMENT PROGRAM	20.106	MCFARLAND AND JOHNSON ENGINEERS INCORPORATED	18015.06	-	7,479	-			
AIRPORT IMPROVEMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.106 20.200	MCFARLAND AND JOHNSON ENGINEERS INCORPORATED PURDUE UNIVERSITY	18471.05 16100093018	-	2,346	-	9,825		
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200 20.200	PURDUE UNIVERSITY NATIONAL ACADEMY OF SCIENCES	16100093018 NCHRP215POSUB0001334	-	36,456 25,495	-	61.951		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RUTGERS UNIVERSITY	1484642	-	137,734	-	01,001		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS ENERGY RESEARCH AND DEVELOPMENT AUTHORITY	152858	-	81,919	-			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							
	Assistance				Pass-	Passed-	Total expenditures
Endavel grantsylfedavel gubdhisainn ar nean through grantsylEndavel program	listing	Page through antity name	Door through number	Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: HIGHWAY PLANNING AND CONSTRUCTION	20.205	PURDUE UNIVERSITY	40400400045	s -	14.419		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RUTGERS UNIVERSITY	16100126015 1963	• -	619,280	371,961	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RUTGERS UNIVERSITY	2030		437,867	-	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RUTGERS UNIVERSITY	25108160	-	179,768	-	
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	555130329	-	25,469	10,704	
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205	BUFFALO NIAGARA MEDICAL CAMPUS INCORPORATED	693JJ321C000005	22,028	62,587	-	
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS EDUCATION DEPARTMENT	C012872		1.398		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	NYS EDUCATION DEPARTMENT	C014454		385,635		
HIGHWAY PLANNING AND CONSTRUCTION	20.205	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM00002578 55513-02-29	-	231,015	21,415	2,199,119
RECREATIONAL TRAILS PROGRAM	20.219	ANCHOR QEALLC	PIN 3756.22	-	2,136	-	2,136
RAILROAD RESEARCH AND DEVELOPMENT NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) DISCRETIONARY SAFETY GRANTS	20.313 20.614	ICF INCORPORATED	2008062255	112,859	24,196	10,526	112,859 24,196
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701	RUTGERS UNIVERSITY	0617	-	57.126	-	57,126
Total U.S. Department of Transportation				136,922	2,673,007	415,329	2,809,929
				100,022	2,070,007	410,020	2,000,020
U.S. Postal Service: U.S. POSTAL SERVICE	22.000			116,578			
U.S. POSTAL SERVICE	22.000			117		-	116,695
Total U.S. Postal Service				116,695			116,695
				110,095			110,093
Office of Personnel Management:	07.044						
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			14,617 45,470	-	-	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			45,470 244,263	-	-	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			228,119	-	-	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			56,215	-		
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			83,941	-	-	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			154,205 5,328	-	-	
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			60,819			892,977
Total Office of Personnel Management				892,977			892,977

National Aeronautics and Space Administration: NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	CFD RESEARCH CORPORATION	0000002422		50,470		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	JET PROPULSION LABORATORY	1630420		33,194		
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	JET PROPULSION LABORATORY	1694830	_	4,500	_	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	RAYTHEON TECHNOLOGIES	2607654	-	48	-	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000	CH COM CORDON TION	***	171,726	-	-	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SCIENCE	43.000 43.001	CALSPAN CORPORATION IOWA STATE UNIVERSITY	N/A 022599A	-	8,552 10,564	-	268,490
SCIENCE	43.001	UNIVERSITIES SPACE RESEARCH ASSOCIATION	0232201		7,876		
SCIENCE	43.001	REGENTS OF THE UNIVERSITY OF CALIFORNIA	0995SYA463		101,698		
SCIENCE	43.001	UNIVERSITY OF TEXAS AT SAN ANTONIO	1000003507	-	47,032	-	
SCIENCE	43.001	ARIZONA BOARD OF REGENTS NORTHERN ARIZONA UNIVERSITY	10037951	-	24,462	-	
SCIENCE SCIENCE	43.001 43.001	ARIZONA STATE UNIVERSITY	100436401 1228404 12893	-	26,825 29,635	-	
SCIENCE	43.001	JET PROPULSION LABORATORY	1457128	-	5 151	-	
SCIENCE	43.001	JET PROPULSION LABORATORY	1546528	-	22,073	-	
SCIENCE	43.001	JET PROPULSION LABORATORY	1653773	-	40,557	-	
SCIENCE SCIENCE	43.001 43.001	JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY	1657548 1665220	-	24,793 630	-	
SCIENCE	43.001	PLANETARY SCIENCE INSTITUTE	1797 SUNYSB		69,554		
SCIENCE	43.001			136,204	-		
SCIENCE	43.001			72,271	-	-	
SCIENCE	43.001			79,650	-	-	
SCIENCE SCIENCE	43.001 43.001			59,576 88,703	-	-	
SCIENCE	43.001			40,779	-	-	
SCIENCE	43.001			24,320	-		
SCIENCE	43.001			51,598	-	-	
SCIENCE SCIENCE	43.001 43.001			183,796 392,245	-	306,532	
SCIENCE	43.001			392,245 151,639		80,113	
SCIENCE	43.001			9,482	-	,	
SCIENCE	43.001			94,661	-		
SCIENCE SCIENCE	43.001 43.001			89,419 155,004	-	89,216	
SCIENCE	43.001 43.001			1,107,369	-	269,953	
SCIENCE	43.001			2,241	-	-	
SCIENCE	43.001	MAGNOLIA OPTICAL TECHNOLOGIES INCORPORATED	80NSSC20C0151		186		
SCIENCE SCIENCE	43.001 43.001			145,771 46,276	-	76,619	
SCIENCE	43.001			62,030		-	
SCIENCE	43.001			33,630	-	-	
SCIENCE	43.001			176,493	-	-	
SCIENCE SCIENCE	43.001 43.001			10,357 381,517	-	-	
SCIENCE	43.001			134.695		-	
SCIENCE	43.001			143,148	-	-	
SCIENCE	43.001			74,906	-	-	
SCIENCE SCIENCE	43.001 43.001			324,109	-	190,871	
SCIENCE SCIENCE	43.001 43.001			20,861 124 674	-	-	
SCIENCE	43.001			82,813	:	24,987	
SCIENCE	43.001			240,385	-	-	
SCIENCE	43.001			63,212	-	-	
SCIENCE SCIENCE	43.001 43.001			206,892 236,157	-	-	
OFFICE	43.001			230,137	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
·	Humber	rass-unough entity name	rass-unough number	expenditures	expenditures	to subrecipients	rederal grantor
RESEARCH AND DEVELOPMENT CLUSTER: SCIENCE	43.001			\$ 43,309	-	_	
SCIENCE	43.001			42,228	-	-	
SCIENCE SCIENCE	43.001 43.001			99,372 116,986	-	6.699	
SCIENCE	43.001			9,027	-	-	
SCIENCE SCIENCE	43.001 43.001			35,661 7.118	-	-	
SCIENCE	43.001			910	-	-	
SCIENCE SCIENCE	43.001 43.001			195,809 117,871	-	38,099	
SCIENCE	43.001			75,959	-	-	
SCIENCE	43.001			54,811	-	-	
SCIENCE SCIENCE	43.001 43.001	WOODS HOLE OCEANOGRAPHIC INST	A101499 23128900	23,943	113,953	-	
SCIENCE	43.001	UNIVERSITY OF TENNESSEE	A210101S002	-	28,435	-	
SCIENCE SCIENCE	43.001 43.001	MONTANA STATE UNIVERSITY SMITHSONIAN ASTROPHYSICAL OBSERVATORY	G40022W9649 GO223092X		94,715 910		
SCIENCE	43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO7-18071B	-	2,156	-	
SCIENCE SCIENCE	43.001 43.001	SMITHSONIAN ASTROPHYSICAL OBSERVATORY SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO819116X GO920111A	-	3,474 30,204	-	
SCIENCE SCIENCE	43.001	SPACE TELESCOPE SCIENCE INSTITUTE	HSTGO15210005A		4,802		
SCIENCE	43.001	MORGAN STATE UNIVERSITY	MSUUBK0042	-	4,882	-	
SCIENCE SCIENCE	43.001 43.001	NATIONAL SPACE GRANT FOUNDATION	NEBP-104	2,058	700		
SCIENCE	43.001	UNIVERSITY OF IOWA	S0354801	-	12,884	-	
SCIENCE SCIENCE	43.001 43.001	SETI INSTITUTE SMITHSONIAN ASTROPHYSICAL OBSERVATORY	SC 3415 SV009004	-	2,341 73,991	-	
SCIENCE	43.001	UNIVERSITY OF WASHINGTON	UWSC1418069816	-	982	-	
SCIENCE AFRONALTICS	43.001 43.002	NATIONAL INSTITUTE OF AEROSPACE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	X22701017SUNYA 09726518302	-	30,452 46	-	6,887,862
AERONAUTICS AERONAUTICS	43.002	FLORIDA STATE UNIVERSITY FLORIDA STATE UNIVERSITY	R000003026		127,961	-	128,007
EXPLORATION	43.003			33,373	-	-	
EXPLORATION EXPLORATION	43.003 43.003			24,604 7,945			65,922
SPACE OPERATIONS	43.007			38,534	-	-	00,022
SPACE OPERATIONS SPACE OPERATIONS	43.007 43.007			132,017 1,707	-	-	172,258
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008	CORNELL UNIVERSITY	90830 20373	1,707	10,000	-	172,230
OFFICE OF STEM ENGAGEMENT (OSTEM) OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008 43.008	CORNELL UNIVERSITY CORNELL UNIVERSITY	9083020374 9083020377	-	41,818 4,546	-	
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008	MONTANA STATE UNIVERSITY	9083020377 G36721W8962	-	4,546 7.091	-	
OFFICE OF STEM ENGAGEMENT (OSTEM)	43.008	BECHAMO LIMITED LIABILITY CORPORATION	N/A	-	54,052	-	
OFFICE OF STEM ENGAGEMENT (OSTEM) SPACE TECHNOLOGY	43.008 43.012	XAVIER UNIVERSITY OF LOUISIANA JET PROPULSION LABORATORY	ORSP2121681201C 1529702		17,545 96,051		135,052
SPACE TECHNOLOGY	43.012	VETT NOT CESION E BOTOTTON	1025102	42,345	-	-	
SPACE TECHNOLOGY SPACE TECHNOLOGY	43.012 43.012			102,641 63,661	-	-	
SPACE TECHNOLOGY	43.012			70,562	-		
SPACE TECHNOLOGY	43.012			22,701			397,961
Total National Aeronautics and Space Administration				6,783,761	1,271,791	1,083,089	8,055,552
National Endowment for the Arts:							
NATIONAL FOUNDATION ON ARTS AND THE HUMANITIES PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.000 45.024	AMERICAN COUNCIL OF LEARNED SOCIETIES	N/A	2,000	218,635	-	218,635
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024 45.024			2,000 4.800	-	-	6.800
PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP	45.129	HUMANITIES NEW YORK	R220507729	-	3,110	-	3,110
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS PROMOTION OF THE HUMANITIES RESEARCH	45.149 45.161	ARCHAEOLOGICAL INSTITUTE OF AMERICA	N/A	8,718	11,501		8,718
PROMOTION OF THE HUMANITIES RESEARCH	45.161	A CONTROL OF A CON	1471	53,860		-	65,361
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.162 45.163			4,200 62,274	-	-	4,200 62,274
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164			8,235	-		02,274
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164			15,773	-	-	28 544
PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.164 45.169			4,536 125,672	-	-	28,544 125,672
NATIONAL LEADERSHIP GRANTS	45.312			39,042	-	18,869	
NATIONAL LEADERSHIP GRANTS LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.312 45.313			53,074 8 460		49,634	92,116
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313			23,336	-	-	
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM	45.313			151,890		35,256	183,686
Total National Endowment for the Arts				565,870	233,246	103,759	799,116
National Science Foundation:							
NATIONAL SCIENCE FOUNDATION	47.000	MANUATTAN PIOCOLUTIONS INCORDERATES	2029504	209,817		-	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000	MANHATTAN BIOSOLUTIONS INCORPORATED	2029004	21,564	30,182	5,993	
NATIONAL SCIENCE FOUNDATION	47.000			146,903	-		
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000			362,233 44,426	-	-	
NATIONAL SCIENCE FOUNDATION	47.000	UNIVERSITY OF VERMONT	N/A	-	2,473	-	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000			54,290 182.561	-	-	1 054 449
ENGINEERING	47.041	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	0007041701	102,301	151,256	-	1,004,448
ENGINEERING	47.041	UNIVERSITY OF TEXAS AT ARLINGTON	126100645061	40.701	9,551	-	
ENGINEERING ENGINEERING	47.041 47.041			43,784 18,150	-	-	
ENGINEERING	47.041			263,219	-	-	
ENGINEERING	47.041			49,842	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Part		Assistance				Pass-	Passed-	Total expenditures
Manual Property of Control 1	Federal acceptable dead activities acceptable acceptable for the second acceptable for the secon	listing	Book through antiferrors	Barra Abarranda arranda ar	Direct	through	through	by ALN and
Control		number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	rederal grantor
Company	RESEARCH AND DEVELOPMENT CLUSTER: ENGINEERING	47 041			\$ 125.516	_	_	
Color	ENGINEERING	47.041			111,390	-	-	
Company	ENGINEERING ENGINEERING	47.041			28,491	-		
Column	ENGINEERING	47.041			133,081	-		
Company	ENGINEERING ENGINEERING	47.041				-	-	
Content	ENGINEERING	47.041			1,576	-	-	
Proceedings						-	-	
Part	ENGINEERING	47.041			14,334			
Companies	ENGINEERING	47.041	JOHNS HOPKINS UNIVERSITY	2003968690	-	7,511	-	
Content						-	-	
Content						-	-	
DEMINISTRE	ENGINEERING ENGINEERING	47.041 47.041			127,289 185,272	-	-	
Controlled 1.00 1	ENGINEERING	47.041	UNIVERSITY OF TEXAS AT ARLINGTON	2022GC0246	-	10,509	-	
BACKERNON 701 FONTILL STORY	ENGINEERING ENGINEERING	47.041 47.041	TEGA THERAPEUTICS	2026188	160 538	57,929	-	
Controlled Con	ENGINEERING	47.041			59,116	-	-	
DATE		47.041 47.041			79,070	-		
PATEMENT 1985 198	ENGINEERING	47.041			1,986	-	-	
BOADERING 45 19 19 19 19 19 19 19 1	ENGINEERING ENGINEERING	47.041	EONIX LLC	2052168	-	30,407	-	
DICTATION 10 10 10 10 10 10 10 1	ENGINEERING	47.041	SUPERCLEAN GLASS INCORPORATED	2052210	59,360	34,960		
Concession						-		
PRINCEPORC 45 15 15 15 15 15 15 15	ENGINEERING ENGINEERING	47.041 47.041			152,542 232.234	-	32,680 19.642	
BASERNO	ENGINEERING	47.041	IM TECHNOLOGIES LIMITED LIABILITY CORPORATION	2126763	-	23,982	-	
ENGLEENING # 44 # 44	ENGINEERING FNGINEFRING	47.041 47.041	MECHANISMIC INCORPORATED	2126882	236 969	100,670	-	
BOOKERNOW 17.000	ENGINEERING	47.041			88,443	-	-	
Company Comp								
PACHERING 17.04 14.07 1.00	ENGINEERING	47.041			44,173	-	-	
STATE STAT	ENGINEERING ENGINEERING	47.041			85,346	=	-	
DIAMERING 4764 17	ENGINEERING	47.041			8,445	-	-	
ENNEERING ENNEER						=	-	
CHAMERING 47.51	ENGINEERING	47.041			24,142	-	-	
ENOREFING ENOREF	ENGINEERING	47.041			15.816	-	-	
NOINTERNO	ENGINEERING	47.041			2,794			
ENDINÉERING 47 041 ASPRAÇUSE LINVÉRSITY 3118-0422-201 100 10						-	-	
PRINCERING 47 04 ARERCAN LUNCERITY 31663-22007364 10.81 1.081 1.			SYRACUSE UNIVERSITY	31138-05422-S01	3,165	600	-	
SCINICERING 47 47 47 47 47 47 47 4	ENGINEERING	47.041	AMERICAN UNIVERSITY	31663A220027S04	-	110,551	-	
ENGINEERING 47.01 MERICAN SOCIETY FOR ENGINEERING EDUCATION 780004 5.5.3 5.5.0	ENGINEERING ENGINEERING	47.041 47.041	ROCHESTER INSTITUTE OF TECHNOLOGY OHIO STATE UNIVERSITY	32684-01 60076746	-	2,348 30	-	
RIGHIERING 47.041	ENGINEERING	47.041	AMERICAN SOCIETY FOR ENGINEERING EDUCATION		-		-	
RIGINEERING 47.041	ENGINEERING ENGINEERING					-	-	
RINIMERING 47.041 5.000	ENGINEERING	47.041			17	-	-	
PRONEERING 47.041 3.253 -	ENGINEERING ENGINEERING	47.041 47.041			61,335 15,808			
FINISEERING 47.041 49.836	ENGINEERING	47.041			3.253	-	-	
ENGINEERING 47.041 49.836 -								
ENGINEERING 47.041 75.051 35.114 ENGINEERING 47.041 91.291 91.291 91.291 ENGINEERING 47.041 115.400 91.291	ENGINEERING	47.041			49,836	-	-	
ENGINEERING 47 041 91 291 -	ENGINEERING ENGINEERING	47.041 47.041			15,852 75,051	-	35 114	
ENGINEERING 47.041 75.445 ENGINEERING 47.041 75.445 ENGINEERING 47.041 31.250 ENGINEERING 47.041 31.250 ENGINEERING 47.041 31.250 ENGINEERING 47.041 104.003 ENGINEERING 47.041 90.849 ENGINEERING 47.041 162.053 ENGINEERING 47.041 224.107 ENGINEERING 47.041 224.007 - ENGINEERING 47.041 107.991 ENGINEERING 47.041 107.991 - ENGINEERING 47.041 107.991 - ENGINEERING 47.041 107.991 - ENGINEERING 47.041 107.991	ENGINEERING	47.041			91,291	-		
ENGINEERING 47.041 31.250 -	ENGINEERING ENGINEERING					-	-	
ENGINEERING 47.041 39.597 - ENGINEERING 47.041 104.803 - ENGINEERING 47.041 98.649 - ENGINEERING 47.041 51.643 - ENGINEERING 47.041 51.643 - ENGINEERING 47.041 51.643 - ENGINEERING 47.041 52.104 - ENGINEERING 47.041 52.104 - ENGINEERING 47.041 98.383 25.504 ENGINEERING 47.041 99.383 25.504 ENGINEERING 47.041 99.383 25.504 ENGINEERING 47.041 107.991 - ENGINEERING 47.041 138.848 - ENGINEERING 47.041 138.848 - ENGINEERING 47.041 16.156 - ENGINEERING 47.041 16.156 - ENGINEERING 47.041 16.156 - ENGINEERING 47.041 10.069 - ENGINEERING 47.041 42.840 - ENGINEERI	ENGINEERING	47.041			73,243	-	-	
ENGINEERING 47.041 104.003 -	ENGINEERING ENGINEERING	47.041			31,250	-	-	
ENGINEERING 47.041 51.643 51.64	ENGINEERING	47.041			104,803			
BAGINEERING 47.041 162.053 -	ENGINEERING	47.041			98,649	-	-	
ENGINEERING 47.041 22.104						-	-	
ENGINEERING 47.041 96.383 25.04 ENGINEERING 47.041 107.991 ENGINEERING 47.041 23.288 ENGINEERING 47.041 136,048 ENGINEERING 47.041 116,156 ENGINEERING 8.372 ENGINEERING 47.041 8.372 ENGINEERING 47.041 0.0669 ENGINEERING 47.041 8.794 COVID-19 - ENGINEERING 47.041 42.040 ENGINEERING 47.041 53.456						-	-	
ENGINEERING 47.041 107.991 - ENGINEERING 47.041 23.268 - ENGINEERING 47.041 138.848 - ENGINEERING 47.041 16.56 - ENGINEERING 8.372 - ENGINEERING 47.041 32.863 - ENGINEERING 47.041 100.699 - ENGINEERING 47.041 8.794 - COVID-19 - ENGINEERING 47.041 8.794 - ENGINEERING 47.041 42.840 - ENGINEERING 47.041 53.456 -	ENGINEERING	47.041			96,383	-	25,504	
ENGINEERING 47.041 138.848 -	ENGINEERING	47.041			107,991	-		
ENGINEERING 47.041 116.156 - ENGINEERING 47.041 8.372 - - ENGINEERING 47.041 32.863 - - ENGINEERING 47.041 100.666 - - ENGINEERING 47.041 8.794 - - COVID-19 - ENGINEERING 47.041 42.940 - - ENGINEERING 47.041 54.345 - -	ENGINEERING ENGINEERING	47.041 47.041				-	-	
ENGINEERING 47.041 32,863 - ENGINEERING 47.041 100,889 - - ENGINEERING 8,794 - - COVID-19 - ENGINEERING 47.041 42,840 - - ENGINEERING 47.041 53,345 - -	ENGINEERING	47.041			116,156	-	-	
ENGINEERING 47.041 100.669 - ENGINEERING 47.041 8.794 - COVID-19 - ENGINEERING 47.041 42,840 - ENGINEERING 47.041 53,45 - -	ENGINEERING ENGINEERING	47.041 47.041			8,372 32,863	-	-	
COVID-19 - ENGINEERING 47.041 42.840 - - ENGINEERING 47.041 54.345 - -	ENGINEERING	47.041			100.669	1	-	
ENGINEERING 47.041 54,345	ENGINEERING COVID-19 - ENGINEERING	47.041 47.041			8,794 42 840	-	-	
ENGINEERING 47.041 51.065	ENGINEERING	47.041			54,345		-	
	ENGINEERING	47.041			51,065	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Assistance listing number RESEARCH AND DEVELOPMENT CLUSTER: ENGINEERING 47,041	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
Federal grantor/federal subdivision or pass-through grantor/Federal program number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures		
RESEARCH AND DEVELOPMENT CLUSTER: ENGINEERING 47.041	•					
ENGINEERING 47.041					·	
ENGINEERING 47.041			\$ 13,143 70,332	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			23,055	- :		
ENGINEERING 47.041			76,710	-	-	
COVID-19 - ENGINEERING 47.041 ENGINEERING 47.041	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM00007250	116,512	29,317	-	
ENGINEERING 47.041	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM0000731600	-	24,835	-	
ENGINEERING 47.041 ENGINEERING 47.041			49,302 39,035	-	-	
ENGINEERING 47.041			16,072			
ENGINEERING 47.041 ENGINEERING 47.041			28,948 391.614	-	-	
ENGINEERING 47.041			2,903	- :		
ENGINEERING 47.041			104,705	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			70,286 138,219	-	-	
ENGINEERING 47.041			92,746	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			231,897 60,965		101,904	
ENGINEERING 47.041			121,324		-	
ENGINEERING 47.041 ENGINEERING 47.041			90,377 159,926	-	- 0.007	
ENGINEERING 47.041			24,837		9,967	
ENGINEERING 47.041			77.361	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			126,441 93,373	-	-	
ENGINEERING 47.041			225,569	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			85,662 40,734	-	-	
ENGINEERING 47.041			118,462	-	-	
ENGINEERING 47.041			50,558	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			100,729 116,856	-		
ENGINEERING 47.041			52,172	-	7,632	
ENGINEERING 47.041 ENGINEERING 47.041			40,899 124,645	-		
ENGINEERING 47.041			4,795	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			17,179 28,832	-	4,556	
ENGINEERING 47.041 ENGINEERING 47.041			11,883			
ENGINEERING 47.041			161,064	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			9,655 4,603	-		
ENGINEERING 47.041			13.409	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			23,335 86,562			
ENGINEERING 47.041			93,181	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			8,168 168	-	-	
ENGINEERING 47.041			39,578		-	
ENGINEERING 47.041			43,111	-	41,269	
ENGINEERING 47.041 ENGINEERING 47.041			57,241 78,380	-	49,418	
ENGINEERING 47.041			52,319	-		
ENGINEERING 47.041 ENGINEERING 47.041			23,626 90,414	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			90,751			
ENGINEERING 47.041			11,754	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			62,222 63,900	-	-	
ENGINEERING 47.041			15,295	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			38,715 176,181	-	-	
ENGINEERING 47.041			21,255	-		
ENGINEERING 47.041 ENGINEERING 47.041			67,810 100,853	-	-	
ENGINEERING 47.041			23,009	- :	-	
ENGINEERING 47.041			210,404	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			143,466 699	-		
ENGINEERING 47.041			517	-	-	
ENGINEERING 47.041			89,762	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			(2,715) (1,219)	-		
ENGINEERING 47.041			186,221	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			955 46,035	-	-	
ENGINEERING 47.041			90,510	-	-	
ENGINEERING 47.041 ENGINEERING 47.041			48,000 493 482	-	-	
ENGINEERING 47.041			65,127	-	5,000	
ENGINEERING 47.041	RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	GA11441PO2202237		38,238		
ENGINEERING 47.041 ENGINEERING 47.041	UNIVERSITY OF NORTH TEXAS UNIVERSITY OF NORTH TEXAS	GF30099 GF301093	-	14,455 3,187	-	
ENGINEERING 47.041		G. 60.166	478		-	
ENGINEERING 47.041 ENGINEERING 47.041			74,709 145,794	-	- 15,151	
ENGINEERING 47.041 ENGINEERING 47.041			2,872	-	10,101	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
ENGINEERING	47.041	NOMIS POWER GROUP	IIP2126732	\$ -	14,058		
ENGINEERING	47.041			1,250	-		
ENGINEERING ENGINEERING	47.041 47.041			129,057	-	16,071	
ENGINEERING	47.041 47.041	DIMIEN LLC	N/A	46,931	21,707	-	
ENGINEERING FNGINEERING	47.041	SUPREMETRIC	N/A		54 794		
ENGINEERING	47.041	CYTOCYBERNETICS	N/A	_	58 668	_	
ENGINEERING	47.041	EXPLORE INTERACTIVE	N/A	_	19,241	_	
ENGINEERING	47.041	FERRIC CONTRAST	N/A	-	68,986	-	
ENGINEERING	47.041	LUX SEMICONDUCTORS INCORPORATED	N/A	-	48,325	-	
ENGINEERING	47.041	NEUROVASCULAR DIAGNOSTICS INCORPORATED	N/A	-	5,005	-	
ENGINEERING	47.041	QAS AI	N/A	-	33,373	-	
ENGINEERING ENGINEERING	47.041	SANTA FE QUANTUM SOLUTIONS	N/A	-	1,081	-	
ENGINEERING	47.041 47.041	LUX SEMICONDUCTORS INCORPORATED VILLANOVA UNIVERSITY	NEXTFLEX PC6.1 P1801544 21657/ 45045/ 525877	-	67,460 19,017	-	
ENGINEERING	47.041	VILLANOVA UNIVERSITY	P2301647		10,509		
ENGINEERING	47.041	UNIVERSITY OF ARKANSAS	UA2022-293	_	4,367	_	
ENGINEERING	47.041	UNIVERSITY OF NEVADA RENO	UNR2111	_	76.762	_	13.805.104
SCIENTIFIC RESEARCH PROJECT SUPPORT	47.047			231,214		-	231,214
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF WISCONSIN AT MADISON	000000298		125,777	-	,
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM	0000001770	-	9,541	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY	00069942-02	-	37,552	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF UTAH	10058392	-	13,233	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			861	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			17,049 75,545	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				-	-	
				16,294	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			104,425 99,283	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			74,607		- :	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			45,420	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			70.400	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			16,912	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			89,490	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			26,879	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			19,176	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			96,634	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			55,808	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			84,430 52,877	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			52,877 108,569	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF NOTRE DAME	204303SUNYA	100,309	167,262		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF NOTICE DAME	20430330141A	157,326	107,202		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			3.021	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			23,496	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			220,573	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			84,854	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			92,561	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			169,535	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			13,026	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			123,378 136.851	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			25.222	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			46.979	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47 049			10.610			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			18,075	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			20,450	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			23,804	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	29GG016228	-	135,072	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	48071719245	-	36,712	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	4GG01578306	404.5	62,465	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			104,832	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			57,050 31,654	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			78,094	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			115.801	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			208.354	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			48,340			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			60,184	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			169,096	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(1,093)	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			73,583	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			8,093	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			7,768	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES				72,277	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			2,690 47,988	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			47,988 11,729	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			176,539	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			138.968			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			66.894	-	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			160,698	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			95,799	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			59,162	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES				10.010			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			49,346	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			59,727	-	8,581	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049 47.049 47.049			49,346 59,727 36,380 34,686	-	8,581	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
		- too anough charty hame	- add through humber	<u> </u>	Схропанагоо	to dabi corpiento	rodorar grantor
RESEARCH AND DEVELOPMENT CLUSTER: MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$ 3.258	_	_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			153,024	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			76,881	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			38,350 111,742	-	25,337	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			75,702			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			26,844		_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			187,720	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			109,434 151,245	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			114.614			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			4.354	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			142,373	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			37,359 197,442	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			22,690			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			26.031	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			45,347	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			152,077	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			12,059 83.509	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			117,302			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			243,441		_	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			125,179	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	VALE IN INCERCITY	0.011.0000000011.10001110000	83,121	-	43,680	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	YALE UNIVERSITY	CON-80003774 (GR117092)	2 279	47,371	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			49.382	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			150,456	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			11,005	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			93,656 39,215	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			36,806		-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			1,144	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			126,337	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			52,417	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			62,784 38.766	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			97,800	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			79,222	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			200,275	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			98,510 70,544	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			159 732			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			78,745	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			157,159	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			148,228	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			63,986 37,409	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			53,450	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			111,306	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			46,736	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			41,993 81,650	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			16.209			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			4,029	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	MATHEMATICAL ASSOCIATION	DMS-1950644		20,925	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			221,323 79,249	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(57)			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(237)	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			338	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			(6,345)	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			115 9,720			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			40,465	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			5,273	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			19,834	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			14,643 74,976	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			150.059	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			72,199	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			22,772	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			22,048 1,966	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			1,900 851	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			(7,197)	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			33,477	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			67,479	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			147,494 62.128	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			62,128 105.518	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			100,124	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			191,805	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			122,608	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			26,772 64.766	-		
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			87,163	-		
				2.,.20			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			\$ 105,918	_		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			61,445	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			44,730 34,346	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			25,256			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			39,041	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			805 26,576	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			21,054		-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			134,853	-		
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	UNIVERSITY OF MINNESOTA UNIVERSITY OF NOTRE DAME	H009627001 N/A	-	5,807 900	=	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	SOUTHERN UNIVERSITY AND AGRICULTURE AND MECHANICAL COLLEGE	OSP02830020220012		6,538		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	South End of the North Section Control Medical Monte Society	00/ 0200020220012	13,744	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			5,332,910	-	5,210,635	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			48,478 (19,382)	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			16,741	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			7,856	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			171,582 116,782		-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			198,740	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			65,150	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			98,758 65,873	-	=	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			697.246		-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			145,468	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			375,258	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			18,262 9,983	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			387,087	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049			639,553	-		
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			5,844,518 24,614		4,387,745	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			44,592	-		
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			28,228	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049			445,797 144,529	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			2.400		-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			44,954	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	ASSOCIATED UNIVERSITIES INCORPORATED	PO 370415	29,922	-	-	
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049	UNIVERSITY OF ROCHESTER	SA417875GR511149	-	142,512	-	
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	OHIO STATE UNIVERSITY	SPC1000003956 GR117105	-	225	-	
MATHEMATICAL AND PHYSICAL SCIENCES GEOSCIENCES	47.049 47.050	UNIVERSITY OF ROCHESTER BROWN UNIVERSITY	SUB00000167 00001853	-	135,142 46,745	-	26,923,426
GEOSCIENCES	47.050 47.050	BOWLING GREEN STATE UNIVERSITY	10010192 SUNY04	-	40,745 60,446	-	
GEOSCIENCES	47.050	UNIVERSITY OF NEW MEXICO	133660-87Y4	-	542,310	-	
GEOSCIENCES	47.050			4,595	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			52,450 7,289	-	-	
GEOSCIENCES	47.050			1,118	-	-	
GEOSCIENCES	47.050	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	202115		386,745	(95)	
GEOSCIENCES GEOSCIENCES	47.050 47.050	RUTGERS UNIVERSITY	2065	138,512	94 774	-	
GEOSCIENCES	47.050	MICHIGAN TECHNOLOGICAL UNIVERSITY	2105003Z6 PO106535		106,745		
GEOSCIENCES	47.050			34,705		-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			364,268 75,249	-	57,220	
GEOSCIENCES GEOSCIENCES	47.050 47.050			75,249 245.571			
GEOSCIENCES	47.050			42,325	-		
GEOSCIENCES	47.050	TRUCTERS OF SOLUMEN AND EDGET OF THE STEW OF MEN YORK	ESD 00000000 01000 01000	117,152	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	56B GG00939304 SAPOG16524 56C(GG009393-04) SAPO G16524	-	13,348 19,539	-	
GEOSCIENCES	47.050	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	76B(GG009393-04)/ SAPO G16525	-	17,877	-	
GEOSCIENCES	47.050	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	76C(GG009393-04) SAPO/G16525	-	2,796	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050	UNIVERSITY OF CALIFORNIA AT DAVIS	A170253S006	43,070	117,342	-	
GEOSCIENCES	47.050			630		-	
GEOSCIENCES	47.050			70,935	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			142,902 45,134	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			45,134		-	
GEOSCIENCES	47.050			22,840	-	-	
GEOSCIENCES	47.050			18,788	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			147,797 197,791		-	
GEOSCIENCES	47.050			89,421	-		
GEOSCIENCES	47.050			29,952	-	-	
GEOSCIENCES	47.050			4,161	=	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			116,231 191,451	-	-	
GEOSCIENCES	47.050			98,115	-	-	
GEOSCIENCES	47.050			541,439	-	342,274	
GEOSCIENCES GEOSCIENCES	47.050 47.050			251,668 39,342	-	-	
GEOSCIENCES	47.050			142,747	-	-	
GEOSCIENCES	47.050			141,435	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:			•				
GEOSCIENCES	47.050			\$ 75,976	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			656,556 44,815			
GEOSCIENCES	47.050			26,622	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			12,594 42,550	=	-	
GEOSCIENCES	47.050			12,355		-	
GEOSCIENCES	47.050			22,336	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM00006048-00 CM0000880300	-	7,263 49,375	-	
GEOSCIENCES	47.050			59,746	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			78,491 (189)	-	-	
GEOSCIENCES	47.050 47.050			9,572		-	
GEOSCIENCES	47.050			15,396	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			3,429 97,365			
GEOSCIENCES	47.050			3,185	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			161,952 139,716	-	-	
GEOSCIENCES	47.050			126,110		-	
GEOSCIENCES	47.050			29,197	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			104,165 9.091			
GEOSCIENCES	47.050			106,856	-	60,903	
GEOSCIENCES GEOSCIENCES	47.050 47.050			25,405 35,076	-	-	
GEOSCIENCES	47.050			2,919		-	
GEOSCIENCES	47.050			159,900	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			22,293 60,653			
GEOSCIENCES	47.050			3,063	-	-	
GEOSCIENCES	47.050 47.050			29,092	-	-	
GEOSCIENCES GEOSCIENCES	47.050			8,043 29,480	:	-	
GEOSCIENCES	47.050			13,290	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			179,789 130,999			
GEOSCIENCES	47.050			68,471	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			143,536 16,210	-	-	
GEOSCIENCES	47.050			131,826		-	
GEOSCIENCES	47.050	REGENTS OF THE UNIVERSITY OF CALIFORNIA	KK2041	-	29,858	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050	BROOKHAVEN SCIENCE ASSOCIATES LLC	N/A	46,397	714	-	
GEOSCIENCES	47.050			1,117	-	-	
GEOSCIENCES	47.050			23,824	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			16,764 36,517		-	
GEOSCIENCES	47.050			705	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			166,914 41.682			
GEOSCIENCES	47.050			147,831	-	-	
GEOSCIENCES	47.050 47.050			234,229 116.681	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			57,704	-	-	
GEOSCIENCES	47.050			17,160	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			31,275 19 234	-	-	
GEOSCIENCES	47.050			108,832		-	
GEOSCIENCES	47.050			23,111	-	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050			125,400 40,997	-	-	
GEOSCIENCES	47.050	UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	P2013314 SUBAW D002388	-	1,356	-	
GEOSCIENCES GEOSCIENCES	47.050 47.050	UNIVERSITY OF SOUTHERN CALIFORNIA	SCON00003619	13,776	25.707	-	
GEOSCIENCES	47.050	BOARD OF REGENTS OF UNIVERSITY SYSTEM OF GEORGIA BY AND ON BEHALF OF UNIVERSITY	SUB00003076	-	13,244	-	9,127,638
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	CLARKSON UNIVERSITY CLARKSON UNIVERSITY	1013202 101631-1	-	10,641 10,175	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	UNIVERSITY OF MARYLAND	122885Z4050201		157,668	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	16800UB2	-	29,159	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV. WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	16800UB3 16800UB4		44,254 39 310	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	16800UB5	-	130,215	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV. WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	16800UB6 16800UB7	-	53,118 3,684	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV. WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	16800UB7		3,064 9,778	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			41,267	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			102,410 36,586	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			9,947	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			29,427	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			99,169 122,272	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			77,315		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			115,088 48,784	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			46,764 25,194	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$ 92,634 53,313	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			166,383	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE EDUCATION DEVELOPMENT CENTER	2020013701SUN 20220143	-	19,771 18.800	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	EDUCATION DEVELOPMENT CENTER	20220143	218,569	10,000		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			103,695	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			138,420 82,165	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			134,789	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			153,765 48.995	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			85,400	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			115,373 122.163			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			64,165	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			49,384 58,882	=	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			87,537			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	NORTHEASTERN ILLINOIS UNIVERSITY	2202421174101SUNYOW	-	8,345	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			57,574 9.924	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			6,295	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	CLEMSON UNIVERSITY	22812152014427	4,943	72.115	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	INTEL CORPORATION	56095409	-	30,079	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK OHIO STATE UNIVERSITY	5GG01458602 SAPO G15302 60067828	-	(3,481) 165,174	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ONO STATE UNIVERSITY	00007828	5,474	103,174		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	ARIZONA BOARD OF REGENTS	ASUB00000214	3,282	8.372	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	ARIZONA BOARD OF REGENTS	ASUB00000214	57,728	6,372		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			9,941	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			308,609 (1,894)	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			120,372	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			114,531 91.150			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			20,908	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			86,113 43.617	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			66,263	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			69,223 56,555	=	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			129,584	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			51,752 7 189	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			251.966	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			106,711 149,345	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			21,244	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			140,217	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			45,037 193,458			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			1,767	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			149,478 64 828	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			220,002	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			40,528 71,952	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			54,124		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			49,955 165,555	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			19,000	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			38,626 49 190	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			49,190 174,782	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			111,057	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	COMPUTING RESEARCH ASSOCIATION	CIF2020SBU57	4,500	67,059	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	COMPUTING RESEARCH ASSOCIATION	CIF2020YEAR3SBU57	-	62,269	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	CLARKSON UNIVERSITY	CLKSN0000101350	45,042	19,100	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			1,229			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			(5,654) 243	=	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			(1,322)			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			36,326	-	4,474	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			2,125 (1,092)	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			96,498	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			37,741 78.198	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			78,295	1	1	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			96,038 90.526	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			211,353	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			111,245 133.889	-	25,868	
COMIN OF LIVER DIVIN ORIGINATION SCIENCE AND ENGINEERING	47.070			133,089	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

					_		Total
	Assistance listing			Direct	Pass- through	Passed- through	expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47 070			\$ 56.514			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			11,389		:	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			57,780			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			143,540	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			134,004	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			182,541 160,274	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			93.598			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			50,311		5,924	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			99,743	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			117,418 345.597	-	054.404	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			24,910		251,491 11,689	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			108,270	-	11,000	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			77,470	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			17,306	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			260,270 11.829	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			37,427		:	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			9,471	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			154,154	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			35,151	-	35,151	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			(6,344) 45,634	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			35,504			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			61,280	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			134,913	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			171,954	-	28,483	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			44,425 105,632	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			20.690	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			75,841	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			6,191	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			123,127 201.639	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			72,877		6,776	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			74,031	-	37,170	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			119,405	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			806	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			67,399	-	2,174	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			47,211 207.111	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			63,000	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			128,090			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			26,108	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			62,512	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			385,779 23.553	-	79,110	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			137.224			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			71,793	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			34,689	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			79,098	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			139,811 22,178	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			123,223		- :	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			174,893	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			62,322	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			13,532	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			68,081 6.671		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			24.115	_	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			6,250	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	AMERICAN SOCIETY FOR ENGINEERING EDUCATION	CYBRMSI2022005	-	10,000	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	NEW YORK UNIVERSITY	F2060-01S	92,234	45,699	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	NEW YORK UNIVERSITY	F2000-015	36,977	45,099		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			20.550			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			133,403	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			3,254	-	3,254	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			242,679	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			104,429 1,341			
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			11.888	-	_	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			116,501	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			49,862	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			134,399 182,639	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			182,639 207,605	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			123.378	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			35,839	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			875,609	-	646,958	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			119,607	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			28,531 38 171	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			129,450	- :	:	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			38,528	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			177,418	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			49,565	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			\$ 37,240 126,205	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			(1,602)		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			74,100 23,622	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			23,622 58.360	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			87,381	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			56,657 31.998	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			66,515	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			29,500	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			171,414 5,715		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			11,256	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			948,177 62,403	-	76,152	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			29.917		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			94,791	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			50,526 126,762	-		
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			1,096,244		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			53,073	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			150,521 138,378		-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			21,432	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			95,441	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			552,537 132,667	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			71,410	-	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070			982,640	-	237,574	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	RUTGERS UNIVERSITY	SUB1663 PO1407557	129,217	122.163	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	US IGNITE	TASKORDER1		3,190	-	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING BIOLOGICAL SCIENCES	47.070 47.074	UNIVERSITY OF TEXAS AT AUSTIN UNIVERSITY OF WYOMING	UTAUS-SUB00000017 1002790ASUNYB	-	121,422 2,821	-	22,113,874
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF WYOMING	1003260ASUNYB		27,580	-	
BIOLOGICAL SCIENCES	47.074	CORNELL UNIVERSITY	140744-22533	-	305	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	RUTGERS UNIVERSITY	1613 PO#1380278	7,442	4,026	-	
BIOLOGICAL SCIENCES	47.074			45,882	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	UNIVERSITY OF MASSACHUSETTS AMHERST	18009956A	44,861	8.804	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	UNIVERSITY OF MASSACHUSETTS AMHERST	18009956A	76.270	8,804	-	
BIOLOGICAL SCIENCES	47.074			136,524	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			41,521 51,265	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			20,656			
BIOLOGICAL SCIENCES	47.074			42,609	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	MONTCLAIR STATE UNIVERSITY	2120677SB SCON-000049	102,105	26,064	-	
BIOLOGICAL SCIENCES	47.074	RUTGERS UNIVERSITY	2194 PO 25114673	-	183,615	-	
BIOLOGICAL SCIENCES	47.074 47.074			30,806	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			110,689 70.409	-	1,822	
BIOLOGICAL SCIENCES	47.074			6,719	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			55,533 18,466	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	CARY INSTITUTE OF ECOSYSTEM STUDIES	3340 200201859	10,400	57,923	-	
BIOLOGICAL SCIENCES	47.074	CARY INSTITUTE OF ECOSYSTEM STUDIES	3540 200202144	-	657	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	COLD SPRING HARBOR LABORATORY KANSAS STATE UNIVERSITY	52670417 A200470S002	-	217,992 2.000	-	
BIOLOGICAL SCIENCES	47.074	UNIVERSITY OF SAN DIEGO	A22-0018, GRT_0503	-	2,167	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			58,936 4,638,088	-	7,968	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			3,023		4,137,725	
BIOLOGICAL SCIENCES	47.074			34,074	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			15,650 53.976	-		
BIOLOGICAL SCIENCES	47.074			93,511	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			8,287 146,280	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			14,153		-	
BIOLOGICAL SCIENCES	47.074			308,018	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			240,134 64 843	-		
BIOLOGICAL SCIENCES	47.074			26,902	-	-	
BIOLOGICAL SCIENCES	47.074			220,722	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			54,723 (917)	-	-	
BIOLOGICAL SCIENCES	47.074			98,736	-	-	
BIOLOGICAL SCIENCES	47.074			105,939	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			71,025 7,617	-	-	
BIOLOGICAL SCIENCES	47.074			69,864		-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			318,090 12,559	-	=	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074			153,049	-	-	
BIOLOGICAL SCIENCES	47.074			147,202	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:			· ·				
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			\$ 328,961 63,002	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			54,201		-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			10,062 168	-	-	
BIOLOGICAL SCIENCES	47.074			4,259	-	4,259	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			22,824 9,133		- :	
BIOLOGICAL SCIENCES	47.074			129,453	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			93 23,126	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			132,797 92.795	-	-	
BIOLOGICAL SCIENCES	47.074			161,602	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			123,833 74 284	-	14,450	
BIOLOGICAL SCIENCES	47.074			185,639	-		
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			61,876 282,585	-	2,932	
BIOLOGICAL SCIENCES	47.074			252,696	-	-,	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074			26,104 22,669	-	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	UNIVERSITY OF FLORIDA	P0016611 UFDSP00011384	97,686	37,144	-	
BIOLOGICAL SCIENCES	47.074	PENNSYLVANIA STATE UNIVERSITY	S001055NSF		53,911	-	
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	RUTGERS UNIVERSITY UNIVERSITY OF ARKANSAS	SUB00002480 PO25273466 UA2021-203	-	22,013 10.663	-	10,643,774
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	10064017953	-	83,221	-	10,040,774
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	REGENTS OF THE UNIVERSITY OF COLORADO	1559876	86	22,032	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			7,515	-	2,419	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			12,952 6,353	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			11,565 4,711	-	1,231	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			136,922	-	71,770	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			42,507 31,303		- :	
SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075			5,661	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			36,724 59,668		-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			3,560 10.850	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			1,258	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			126,290 78,670	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			4,661	-		
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			22,989 11,963	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY	260453A	8,399	49,543	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	WESLEYAN UNIVERSITY	200453A 5011099124UB		49,543	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075	ARIZONA BOARD OF REGENTS	548503	5.708	21,163	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			1,013	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			63,194 3,381	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			2,138	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			11,975 (1,580)	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			17,101 72,019	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			17,850	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			5,009 66.236	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			(64)	-		
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			41,386 13,556	-	15,117	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			91,830	-	6,808	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			19,173 58,782	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			9,695 10,583	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			116,058	-	47,765	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			8,650 25,166	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			151,681 85,418	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			19,326	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			(2,841) 21.680	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			4,127	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			5,192 25,197	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			1,310	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			7,728 1,846	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			30,639 66,554	-	3.791	
SOCIAL, DETIAVIONAL, AND ECONOMIC SCIENCES	47.075			00,004	-	3,791	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
		rass-unough entity name	r ass-cirough number	expenditures	experiultures	to subrecipients	rederal grantor
RESEARCH AND DEVELOPMENT CLUSTER: SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			\$ 86.566	_	_	
SOCIAL BEHAVIORAL AND ECONOMIC SCIENCES	47.075			6,353	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			3,988	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			28,977 5.366	-		
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			136,817	-		
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			74,937	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			6,809 44,478	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			15,311	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			68,979	-	-	
COVID-19 - SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075			167,438 32,709	-	-	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075			101,055	-		2,657,480
EDUCATION AND HUMAN RESOURCES	47.076	REGENTS OF THE UNIVERSITY OF CALIFORNIA	00009880	-	(61)	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	TRUSTEES OF INDIANA UNIVERSITY ITHACA COLLEGE	0473762 100 082 004	-	1,160 44,453	-	
EDUCATION AND HUMAN RESOURCES	47.076	ITHACA COLLEGE	100-082-002	-	59,022	-	
EDUCATION AND HUMAN RESOURCES	47.076	PAUL SMITH'S COLLEGE	17420411	-	13,041	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			823,489 74 465		186,621	
EDUCATION AND HUMAN RESOURCES	47.076			47,506	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			246,165	-	109,340	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			192,189 127,377		27,338	
EDUCATION AND HUMAN RESOURCES	47.076			1,518,831	-	962,129	
EDUCATION AND HUMAN RESOURCES	47.076			290,346		-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	PASADENA CITY COLLEGE	2000281	63 366	41,376	-	
EDUCATION AND HUMAN RESOURCES	47.076			333,923	-	31,996	
EDUCATION AND HUMAN RESOURCES	47.076			185,807		-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	DILLARD UNIVERSITY	2106231	125,689	35,615	-	
EDUCATION AND HUMAN RESOURCES	47.076			7,686	-		
EDUCATION AND HUMAN RESOURCES	47.076			210,458		-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			85,213 12,243	-	425	
EDUCATION AND HUMAN RESOURCES	47.076			9,006	-	-	
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY OF TEXAS AT EL PASO	226101115A	21,036	18.839	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076	MIDDLE TENNESSEE STATE UNIVERSITY	53724977774 PO0075530	-	18,839 34,865	-	
EDUCATION AND HUMAN RESOURCES	47.076	AMERICAN MUSEUM OF NATURAL HISTORY	B15202003	-	34,721	-	
EDUCATION AND HUMAN RESOURCES	47.076			97,732	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			147,078 104.645			
EDUCATION AND HUMAN RESOURCES	47.076			4,450	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			5,255	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			205,093 137,746	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			195,787	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			257,828	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			5,840 301,794	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			47,415	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			343,530	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			328,608 81 493	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			27,137	-		
EDUCATION AND HUMAN RESOURCES	47.076			338,905	-	36,714	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			96,653 61.682	-	10,201	
EDUCATION AND HUMAN RESOURCES	47.076			85,813	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			96,835	-		
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			101,050 163,037	- :	39,465 33,853	
EDUCATION AND HUMAN RESOURCES	47.076			62,043	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			251,446	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			69,975 90,460	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			12,196	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			223,288	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			147,643 9,162	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			97,310	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			15,735	-	-	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			101,905 94 325	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			28,389	-	-	
EDUCATION AND HUMAN RESOURCES	47.076			28,217	-		
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			178,258 530,691	-	17,112 66,933	
EDUCATION AND HUMAN RESOURCES	47.076			14,674	-	· -	
EDUCATION AND HUMAN RESOURCES	47.076			204,408	-	7,027	
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076			119,948 88.936	=	=	
EDUCATION AND HUMAN RESOURCES	47.076	COLLEGE OF NEW JERSEY (TCNJ)	NSF 23-01	-	13,920	-	
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY ENTERPRISES CORPORATION	SA21135	-	9,751	-	
EDUCATION AND HUMAN RESOURCES	47.076	UNIVERSITY OF GEORGIA	SUB00002089	-	797	-	10,286,709

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: POLAR PROGRAMS	47.078	UNIVERSITY OF WISCONSIN AT MADISON	000002389	s -	57,336	_	
POLAR PROGRAMS	47.078	SHIPE OF THE CONSTRUCTION	000002000	51,697	-	-	
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078			17,705 194 545	-	-	
POLAR PROGRAMS	47.078			138,812		:	
POLAR PROGRAMS	47.078			140,739	-	-	
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078			93,904 47 778	-		
POLAR PROGRAMS POLAR PROGRAMS	47.078			139,599			
POLAR PROGRAMS	47.078			33,710	-		
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078			166,764 29.304	-	59,748	
POLAR PROGRAMS	47.078			67,637	-		
POLAR PROGRAMS	47.078			136,951	-	-	
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078			119,238 5.730	-	-	1,441,449
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			142,643	-	-	1,111,110
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079	VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	47947719B88		81		
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079 47.079	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INCORPORATED	FY2022014	78,805	18,264	64,242	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			627,533	-	232,564	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			55,447	-		
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079 47.079			16,574 101.944	-		
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			77,503		-	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079			151,149		-	
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING INTEGRATIVE ACTIVITIES	47.079 47.083	WILLIAM MARSH RICE UNIVERSITY	X03063097	98 965	52,911		1,322,854
INTEGRATIVE ACTIVITIES	47.083			308,444	-		
INTEGRATIVE ACTIVITIES	47.083			1,099,000	-	-	
INTEGRATIVE ACTIVITIES INTEGRATIVE ACTIVITIES	47.083 47.083			238,319 85,618	-		
INTEGRATIVE ACTIVITIES	47.083			261,905	-		
INTEGRATIVE ACTIVITIES	47.083			24,473	-	-	
INTEGRATIVE ACTIVITIES INTEGRATIVE ACTIVITIES	47.083 47.083			2,070,593 350,885	-	277 966	
INTEGRATIVE ACTIVITIES	47.083			539,435	-	347,008	5,077,637
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084	CORNELL UNIVERSITY	144070-21864	-	54,321	-	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084	CORNELL UNIVERSITY CYBERSPARA INCORPORATED	14407021859 22-001	-	30,369 49,972	-	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084	CTBERGFARA INCORPORATED	22-001	39,400	49,972		
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084			19,697	-	3,739	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084			26,124 34,316	-	-	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084			34,316 11.134	-	-	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084			846,579	-	103,367	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084	TEXAS A M UNIVERSITY	M2203447	15,724	47,072		
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084			102 366			
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084			48,464	-	-	
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084 47.084			37,885	-		
NSF TECHNOLOGY, INNOVATION AND PARTNERSHIP	47.084			848			1,364,271
Total National Science Foundation				99,615,212	6,434,667	18,894,274	106,049,879
U.S. Department of Veterans Affairs: VETERANS BENEFITS ADMINISTRATION	64 000			61.215		_	
VETERANS BENEFITS ADMINISTRATION	64.000			16,414	-		
VETERANS BENEFITS ADMINISTRATION	64.000			194,530	-	-	
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000			281,140 35,681	-		
VETERANS BENEFITS ADMINISTRATION	64.000			566,559	-		1,155,539
Total U.S. Department of Veterans Affairs				1,155,539			1,155,539
Environmental Protection Agency: ENVIRONMENTAL PROTECTION AGENCY	66.000	WATERSHED AGRICULTURAL COUNCIL	471	-	79,195	-	
ENVIRONMENTAL PROTECTION AGENCY	66.000	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10700	-	113,768	-	
ENVIRONMENTAL PROTECTION AGENCY LONG ISLAND SOUND PROGRAM	66.000 66.437	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	0348 008 000 S 2021 029	422,883	4.467		615,846
LONG ISLAND SOUND PROGRAM	66.437	NEW ENGLAND INTERSTATE WATER POLLUTION CHTRL COMM	2022006	-	74,952		
LONG ISLAND SOUND PROGRAM	66.437			185,762		159,437	
LONG ISLAND SOUND PROGRAM LONG ISLAND SOUND PROGRAM	66.437 66.437			55,275 512,343	-	356,574	832.799
NATIONAL ESTUARY PROGRAM	66.456			598.835	-	- 330,374	598.835
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461			29,301	-	-	
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS GREAT LAKES PROGRAM	66.461 66.469	CLARKSON UNIVERSITY	102211-4	70,041	37.809	-	99,342
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10871		101,760		
GREAT LAKES PROGRAM	66.469	CENTRAL MICHIGAN UNIVERSITY	F64661	-	251,845	-	
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469	CORNELL UNIVERSITY CORNELL UNIVERSITY	GL00E02259 GL00E03089	-	659,694 143,458	-	1 194 566
LAKE CHAMPI AIN BASIN PROGRAM	66.469 66.481	NEW ENGLAND INTERSTATE WATER POLITITION CNTRL COMM	GL00E03089 0356 003 001 LS 2020 084	-	143,458 75.562	-	1,194,566
LAKE CHAMPLAIN BASIN PROGRAM	66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LS2020070	-	259	-	
LAKE CHAMPLAIN BASIN PROGRAM	66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LS2020073	-	12,733	-	
LAKE CHAMPLAIN BASIN PROGRAM LAKE CHAMPLAIN BASIN PROGRAM	66.481 66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LS2021094 LS2022096	-	2,483 138.332	-	
LAKE CHAMPLAIN BASIN PROGRAM	66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LS2022106	-	2,842	-	
LAKE CHAMPLAIN BASIN PROGRAM	66.481	NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	LSBIL2022105	05 704	22,210	-	254,421
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.509 66.600	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757	35,721	95,333	-	35,721 95,333
Total Environmental Protection Agency	23.000		, 41100707	1.910.161	1,816,702	516,011	3.726.863
del Enviormental Fotocion Agency				1,310,101	1,010,702	310,011	5,120,003

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							
	Assistance				Pass-	Passed-	Total expenditures
	listing			Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
U.S. Department of Energy: DEPARTMENT OF ENERGY	81.000			\$ 181,489			
DEPARTMENT OF ENERGY	81.000	FLUOR MARINE PROPULSION LLC	125579	- 101,403	34.082		
DEPARTMENT OF ENERGY	81.000	FLUOR MARINE PROPULSION LLC	147754	-	60,869	-	
DEPARTMENT OF ENERGY	81.000	UCHICAGO ARGONNE LLC	1F60595	-	103,163	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	BATTELLE ENERGY ALLIANCE LLC SANDIA NATIONAL LABORATORIES	245071 2451741	-	85,918 375	-	
DEPARTMENT OF ENERGY	81.000	SANDIA NATIONAL LABORATORIES SANDIA NATIONAL LABORATORIES	2451741		375		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	255323		68.622		
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	260656	-	16,084	-	
DEPARTMENT OF ENERGY	81.000	BATTELLE ENERGY ALLIANCE LLC	279708	-	29,629	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	BROOKHAVEN SCIENCE ASSOCIATES LLC TRIAD NATIONAL SECURITY LLC	396818 421987	-	113,556 1 204	-	
DEPARTMENT OF ENERGY	81.000	PACIFIC NORTHWEST NATIONAL LABORATORY	509977		182.934		
DEPARTMENT OF ENERGY	81.000	BATTELLE	605251	-	121,267	-	
DEPARTMENT OF ENERGY	81.000	PACIFIC NORTHWEST NATIONAL LABORATORY	606945	-	23,994	-	
DEPARTMENT OF ENERGY	81.000	BATTELLE	659773	-	10,007	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	FERMI RESEARCH ALLIANCE LLC FERMI RESEARCH ALLIANCE LLC	671492	-	12,258	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA. LAWRENCE BERKELEY NATIONAL LABORATOR	696306 7616881	-	14,759 546	-	
DEPARTMENT OF ENERGY	81 000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATOR	7620161		154 872		
DEPARTMENT OF ENERGY	81.000	REGENTS OF THE UNIVERSITY OF CALIFORNIA, LAWRENCE BERKELEY NATIONAL LABORATOR	7670275		103,403		
DEPARTMENT OF ENERGY	81.000	TRIAD NATIONAL SECURITY LLC	C3206CW35156	-	134,289	-	
DEPARTMENT OF ENERGY	81.000	TRIAD NATIONAL SECURITY LLC	C3210CW30602	-	53,904	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000	MEMBRANE TECHNOLOGY AND RESEARCH INCORPORATED	N/A	1,036	47.023	-	
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000	AMERICAN SUPERCONDUCTOR CORPORATION	N/A N/A	-	47,023 54,054	-	
DEPARTMENT OF ENERGY	81.000	BROOKHAVEN SCIENCE ASSOCIATES LLC	N/A	-	43,378		
DEPARTMENT OF ENERGY	81.000	ALLIANCE FOR SUSTAINABLE ENERGY LLC	NHQ98230502		150,012		1,803,102
OFFICE OF TECHNOLOGY TRANSITIONS (OTT)-TECHNOLOGY DEPLOYMENT, DEMONSTRATION							
AND COMMERCIALIZATION	81.010	NEW ENERGY NEXUS NEW YORK	N/A	-	115,346	-	115,346
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF WYOMING UNIVERSITY OF UTAH	1004033 1004949106	-	24,445 66 630	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF UTAH UNIVERSITY OF UTAH	1004949106 1006405201SUNY	-	23 501	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	1243695120798		149,509		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	1302985111350		49,804		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	PURDUE UNIVERSITY	14000686055	-	9,559	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	NYS ENERGY RESEARCH AND DEVELOPMENT AUTHORITY	147503	-	248,313	63,994	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY SANDIA NATIONAL LABORATORIES	210917 2366774	-	77,946 59,344	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	288447	-	(3,036)	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOK INVENCIONE ACCOUNTED EEC	20041	60,139	(5,030)		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2GG00859806 SAPOG17473		86,242		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2GG01676501	-	8,354	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	329688	-	73,476	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	330943	-	10,045	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	341762 342355	-	3,318 27.343	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	346833		53,141		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347159	-	49,560	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347169	-	52,882	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	347222	-	7,304	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	354411 357700	-	7,750	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	357700 362085	-	46,171 8,344	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	362186		50,338		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	363891		26,872		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	365046	-	59,573	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	365140	-	53,141	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	365253 365691	-	15,765 123.010	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	371248		17.457		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	373435	-	3.895	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	375997	-	7,453	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	376393	-	45,054	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	376464 376631	-	165,498 46 155	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	376631 379800	-	46,155 132,980	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	380779		23,142		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381451		24,742		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381696	-	53,841	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	381751	-	53,141	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382057 382665	-	31,871 53,141	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	382665 382761	-	53,141 5,200	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382789		53,141		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382831	-	3,466	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	382832	-	51,423	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	383505	-	58,209	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	384740 387981	-	151,010 58,365	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	387981 388221	-	58,365 50,793	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	388418	-	105.587		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	390040	-	148,950	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	390242	-	605	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	391068 392754	-	451,819 44 021	-	
OTTIGE OF SOIENGE FINANCIAL ASSISTANCE PROGRAM	01.048	BROOK INVERTOCIENCE ACCUCIATES LLC	382134	-	***,UZ1	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

	Assistance				Pass-	Passed-	otal expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	393049	s -	7.415	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	393271		44,208	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	394109	-	32,562	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	394722	-	28,503	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	395973	-	35,417	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	398025	-	14,741	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	398028	-	44,646	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	398981	-	54,256	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	398982	-	38,051	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	399033	-	83,995	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	399148	-	106,654	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	400003	-	34,921	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	KENT STATE UNIVERSITY	400007 SUNY	-	33,001	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UT BATTELLE LLC UT BATTELLE LLC	4000192661	-	12,191	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		4000198814 401286	-	53,282	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC		-	2,604	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	403614 (PRIOR 366280) 405121	-	73,975 66.351	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	GINER INC	405121	-	25,705	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	405919	-	25,705 12,355	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	407173	-	174 785		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	407173		9,005		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	GINER INC	407998		103,875		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	408448	-	22.960		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	409193		13.805		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	409460		51.748		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	410135		57,413		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	410502		1,961		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	412266		3.050		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	412755		93.366		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	413282	_	49,619	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	413694	_	43,048	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	414700	_	54.733	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	415116	_	39,006	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	415245	_	8,543	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	415655	_	48.891	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	415985	_	27.250	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	416312	_	49 649	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	BROOKHAVEN SCIENCE ASSOCIATES LLC	416394	_	46 113	_	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	416616	-	45,308		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	417266	-	42,978		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF ROCHESTER	417662GURFAOGR511020	-	157,219	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	417696	-	3,799		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	418059	-	15.392		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	418254	-	42,475	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	418780	-	22,124	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	419281	-	9,945	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	419392	-	40,190	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	420479	-	2,563	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	420493	-	34,139	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	420808	-	32,660	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	422077	-	22,792	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	422943	-	22,987	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	423238	-	22,793	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	423542	-	25,563	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	424352	-	23,414	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	424724	-	19,633	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	425483	-	32,667	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	425592	-	11,277	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	426317	-	4,776	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	426463	-	55,525	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	427218	-	6,447	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	427507	-	19,101	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	428826 428979	-	2,968 43.229	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	428979 42944719245	-	43,229 125.652	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	VIRGINIA POLITIECHNIC INSTITUTE AND STATE UNIV	429447 19245	20,000	125,052	-	
		TRUCTES OF THE UNIT SPOIT OF BEHIND ALVANIA	175 1000	28,029	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA UNIVERSITY OF DELAWARE	4754329 51426	-	15,977 2.260	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM		UNIVERSITY OF DELAWARE		-		-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF PENNSYLVANIA	585963	-	104,150	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM		NORTHWESTERN UNIVERSITY	60060511SUNY	040.044	106,589	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	PACIFIC NORTHWEST NATIONAL LABORATORY	629588	218,314	217,720	-	
	81.049	PACIFIC NORTHWEST NATIONAL LABORATORY	029300	0.702	217,720		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			9,782 18.824	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			342,959	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			342,959	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	LAWRENCE BERKELEY NATIONAL LABORATORY	7418390	31,345	62 817	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	LAWRENCE BERKELEY NATIONAL LABORATORY CORNELL UNIVERSITY	7418390 85989-11161	-	62,817 22,269	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF MINNESOTA	85989-11161 A004527505	-	78,196	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF MINNESOTA UNIVERSITY OF CALIFORNIA AT DAVIS	A170309S003	-	45,318	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		A1703095003 A231053S006	-	45,316 93.875	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UNIVERSITY OF CALIFORNIA AT DAVIS UNIVERSITY OF CHICAGO	A231053S006 AWD103461(SUB00000766)	-	93,875 23.693	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	RADIATION MONITORING DEVICES INCORPORATED	AWD103461(SDB00000766) C2030	-	23,693 31,650	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UT BATTELLE LLC	C2030 CW44885 PO4000208660	-	31,650 1,623	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	OT DATTELLE LEG	GVV44000 FU4000208000	195.330	1,023	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			449,427	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81 049	GVD CORPORATION	DF-SC0019884	770,721	23,241	-	
	01.040		DE-000013004	•	20,241	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							Total
	Assistance				Pass-	Passed-	expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			\$ 7,182	22.7	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	SKYRE INCORPORATED HELIOS-NRG LLC	DEEE0008423SBU DEFE0031710UB	-	5,841 1,816	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	HELIOS-NRG LLC	DEFE00317100B	451.642	1,810		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			235,352	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			397,939	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			595,291	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			1,009,466 893.181			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			259,261	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			189,614	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			278,628	-	119,460	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			1,249,708 1,708,484	-	754,644	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			2,275	-	7.54,044	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			332,451	-	60,482	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			438,389	-		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			43,793 85,176	-	1,923 36,000	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			67.495		30,000	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			84	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			119,844	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			1,214,425	-	419,150	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			7,705 408		8	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			244,876		100,391	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			105,254	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	UELION NEGLIA	DESC0020730PHASE2UB	272,609	-	249,772	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	HELIOS-NRG LLC	DESC0020730PHASE20B	130,435	346,833	48.786	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			230.120	_	86.508	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			503,981	-	212,097	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			50,836	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	NALU SCIENTIFIC	DESC0021531	73,212	225	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	QUNNECT LLC	DESC0021556		20,700	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			706		-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			141,098	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			276,766	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	GREAT LAKES CRYSTAL TECHNOLOGIES	DESC0022405	67,807	67.945		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	ONE II E III E ONI ONE I E ONI IO E E O ONI O E O E O O E O E O E O E O E O E O E	B2000022400	101,153	-		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			142,113	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			141,722	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049			95,809 98.053	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			19.296	-	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MALLIKA ASHWIN MAYA	FP8317	-	68,410	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	COLORADO STATE UNIVERSITY	G4826101	-	76,362	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	ADVANCED COOLING TECHNOLOGIES JEFFERSON SCIENCE ASSOCIATES LLC	JOB#RD98RD-8115 JSA21C1176	-	29,996 173.936	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	TEXAS A M UNIVERSITY	M2202686		5.285		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	BROOKHAVEN SCIENCE ASSOCIATES LLC	N/A		172,937		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MALLIKA ASHWIN MAYA	N/A		4,153	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	WASATCH IONICS	N/A	-	42,308	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	OREGON STATE UNIVERSITY PARC, A XEROX COMPANY	NATRIUM V0931A-A P315269	-	26,344 (3.157)	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SANDIA NATIONAL LABORATORIES	PO 1955692	-	10.592	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	SANDIA NATIONAL LABORATORIES	PO2424460	-	451	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	FLORIDA STATE UNIVERSITY	R000002916	-	182,496	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	MICHIGAN STATE UNIVERSITY TRUSTEES OF PRINCETON UNIVERSITY	RC111555SBU S015775	-	109,648 91,484	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	TRUSTEES OF PRINCETON UNIVERSITY	S015776		58,748	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S4803 PO 303782		42,534		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	S5648 PO735313	-	58,365	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	UNIVERSITY OF GEORGIA	SUB00001816	-	8,078	-	
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	TRUSTEES OF PRINCETON UNIVERSITY POLARONYX	SUB0000287 SUNYDOF001	-	88,904 60,545	-	22 119 817
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	NORTH CAROLINA STATE UNIVERSITY	20140654XX	-	70.998	24,635	22,110,011
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	PACIFIC NORTHWEST NATIONAL LABORATORY	592238	-	353,245		
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			137,220	-	13,374	
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086			174,179 56.028	-	67,016	
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086			216.675	-		
CONSERVATION RESEARCH AND DEVELOPMENT	81.086			381,601	-	126,186	
CONSERVATION RESEARCH AND DEVELOPMENT	81.086	E2H2NANO	\$0001	-	141,372	-	
CONSERVATION RESEARCH AND DEVELOPMENT RENEWARI E ENERGY RESEARCH AND DEVELOPMENT	81.086	UNIVERSITY OF ARKANSAS ELECTRIC POWER RESEARCH INSTITUTE	UA2022279	-	225,451	-	1,756,769
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	10011616 10179518314	-	44,258 56.135	-	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	REMADE INSTITUTE	2001RR4098	:	159,824		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA	26-1107-0194-002	-	35,993	-	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	DUKE UNIVERSITY	323000012	-	11,864	-	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	PACIFIC NORTHWEST NATIONAL LABORATORY	679746	-	5,322		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087			377,108 546.744	-	15,226 216.259	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087			203.938	-	163.920	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INCORPORATED	FY2019079M3	-	145,470		
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	UNIVERSITY OF NEW HAMPSHIRE	PZL0171	-	451,502	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

	Year Ended June 30, 2023	, 2023				Total	
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	OHIO STATE UNIVERSITY	SPC1000005724GR125312	\$ -	202,783	-	
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087	ALLIANCE FOR SUSTAINABLE ENERGY LLC	XHL99236001	-	29,520	-	2,270,461
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089	RENSSELAER POLYTECHNIC INSTITUTE	A200008S004	328,129	66,056	118,897	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089			356,640	-	206,382	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089			270,944	-	13,393	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089	HELIOS-NRG LLC	DEFE0032103	163,872	74,081	-	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	HELIOS-NRG LLC	DEFE0032103UBLIN	-	85,859	-	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089 81.089	GAS TECHNOLOGY INSTITUTE	\$1017	236,817	57 470	50,000	
FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.089	GAS TECHNOLOGY INSTITUTE	\$1017 \$1054	-	165.444	-	1.805.312
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	UNIVERSITY OF ILLINOIS AT CHICAGO	1799301		62,261	-	
STEWARDSHIP SCIENCE GRANT PROGRAM STEWARDSHIP SCIENCE GRANT PROGRAM	81.112 81.112	UNIVERSITY OF ROCHESTER UNIVERSITY OF ROCHESTER	417530G / UR FAO GR510906 417541G/UR FAO GR510912		553,382 74.101		
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	SWERGIT STROSIESTER	4170410/01/17/0 01/01/01/2	39,699		-	
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112	AUGGOLIBULINI EDOLTA OF COLENOS AND TECHNOLOGY	0007019401	29,087	72 625	-	758,530
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121 81.121	MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	0007019401 671443	-	72,625 344 573		
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	LAWRENCE LIVERMORE NATIONAL LABORATORY	B651151	-	33,952	-	
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121	LAWRENCE LIVERMORE NATIONAL LABORATORY	B651636	-	17,368	-	
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121 81.121			51,405 71,185		- :	
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121			122,185	-	-	
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM	81.121 81.123	SOUTHERN NUCLEAR DEVELOPMENT HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	SNC708290003 N000416877	-	88,972 54,700	-	802,265
NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM	81.123	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	N000426465		8.874		
NATIONAL NUCLEAR SECURITY ADMINISTRATION (NNSA) MINORITY SERVING INSTITUTIONS (MSI) PROGRAM	81.123	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	N000465849	-	21,112	-	84,686
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.124 81.135	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	10188418427	1,970,264	67 398	227,304	1,970,264
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	RTI INTERNATIONAL	3340021864066955L	-	265,785	18,542	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	MAHLE POWERTRAIN	4501247660	-	108,635	-	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135 81.135	COLUMBIA UNIVERSITY OPCONDYS INC	7(GG008711-10) DEAR000907	-	315,419 9,621	-	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	OFCOND 13 INC	DEAR0000907	(14,365)	9,021	-	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			6,949	-	3,503	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135 81.135			513,757 742,741		215,606 454,183	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135			435,532		176,513	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135	LINE FROM CONTRACTOR	000 0500 0001	462,800	-	-	
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY Total U.S. Department of Energy	81.135	UNIVERSITY OF TENNESSEE	S23 0598 S001	21,701,447	70,255	4,264,154	2,984,527 36,471,079
U.S. Department of Education:							
DEPARTMENT OF EDUCATION	84.000	PURDUE UNIVERSITY	14000382063		39,256		
DEPARTMENT OF EDUCATION	84.000			125,285	· -	-	164,541
INTERNATIONAL RESEARCH AND STUDIES OVERSEAS PROGRAMS - DOCTORAL DISSERTATION RESEARCH ABROAD	84.017 84.022			68,177 5 404			68,177 5.404
FUND FOR THE IMPROVEMENT OF EDUCATION	84.215			512,627	-	464,183	512,627
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305 84.305	MIDDLE TENNESSEE STATE UNIVERSITY CITY UNIVERSITY OF NEW YORK	53720777774P0068457 CM0000650800	-	1,470 40.263	-	
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305	CITY UNIVERSITY OF NEW YORK	CM0000650800 CM0000650801		144.667	- :	
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			270,706	-	8,657	
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION TEACHER QUALITY PARTNERSHIP GRANTS	84.305 84.336			41,361 692,341	-	-	498,467 692,341
PERFORMANCE PARTNERSHIP PILOTS FOR DISCONNECTED YOUTH	84.420	NYS EDUCATION DEPARTMENT	018009	092,341	(4,061)		(4,061)
Total U.S. Department of Education				1,715,901	221,595	472.840	1,937,496
National Archives and Records Administration:							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003			84,936			84,936
Total National Archives and Records Administration U.S. Department of Health and Human Services:				84,936			84,936
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF CINCINNATI	013359002	-	36,132	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	UNIVERSITY OF CALIFORNIA COVANCE	1638PZA049 20203331	-	6,353 17 423	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF MARYLAND BALTIMORE	20203331		37.033	- :	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	L2 DIAGNOSTICS LIMITED LIABILITY CORPORATION	2R44Al13611802	-	85,887	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	ABT ASSOCIATES INCORPORATED UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	50864 5118985	-	66,033 25,055	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	53950 SPC-005598	-	28,561	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			(751)	-	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	HEALTH RESEARCH INC	6868-01	46,230	202 756	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PHILIPS RESEARCH	75A50120C0000975	-	166,249	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	BOSTON CHILDRENS HOSPITAL	75D30120C07725	-	13,769	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000			367,445 12,965	-	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			1,205,917	-	177,781	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	DUME IN WEDOUT	A OTHER A 400 (OUT	1,657,976		249,602	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	DUKE UNIVERSITY PPD INVESTIGATOR SERVICES LLC	ACTIV-1 197(SITE) ACTIV-2/A5401	-	18,134 45,874	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PPD INVESTIGATOR SERVICES LLC	ACTIV2A5401	-	1,614	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	PPD INVESTIGATOR SERVICES LLC ATOX BIO LIMITED	ACTIV2A5401 CAMOSTAT ATR202	-	1,810 4.606	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	ATOX BIO LIMITED UNIVERSITY OF CHICAGO	ATB202 AWD101462P	-	4,606 (7,088)	-	
					(.,500)		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	COLUM-0000175175	s -	16,956	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF MARYLAND BALTIMORE	F3014882	-	9.685	_	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	MY SISTERS PLACE	HHS2020ACFACYFEV1812	-	16,809	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			36,772	-	28,700	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	AMERICAN PUBLIC HEALTH ASSOCIATION	N/A	-	2,759	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	COMMUNITY PHARMACY ENHANCED SERVICES NETWORK	N/A		2,059	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	UNIVERSITY OF SOUTH FLORIDA	P000018785	68,122	6,261	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	P30AG064198		(1.356)		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	ROSWELL PARK CANCER INSTITUTE	P667720		19,579		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01AG071032		15,999		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL141609	-	16,629	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL141811	-	16,128	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL146911 COLUM0000173189	-	24,956	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL151559 R01HI 151850	-	6,203 9,695	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL152699	-	33,736	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL153311		14,089		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HI 153382		(76)		
COVID-19 - DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL157341		16,631		
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HL160929	-	30,316	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R21HL153700	-	18,189	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R56HL153311	-	15,069	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	PPD INVESTIGATOR SERVICES LLC	SAB185 ACTIV2A5401 CAMOSTAT	-	1,602	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	SP14257SB06	-	25,584	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES NATIONAL ORGANIZATIONS OF STATE AND LOCAL OFFICIALS	93.000 93.011	COLUMBIA UNIVERSITY JOHNS HOPKINS UNIVERSITY	U24AG052175 2005482000	-	5,995 65.465	-	4,468,374
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070	SYRACUSE UNIVERSITY	32836 06086 S01	-	16,336	-	65,465
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070	STRACUSE UNIVERSITY	32830 00000 301	1 180 383	10,330	1,023,348	
ENVIRONMENTAL PUBLIC HEALTH AND EMERGENCY RESPONSE	93.070			798,269		491,524	1,994,988
BIRTH DEFECTS AND DEVELOPMENTAL DISABILITIES - PREVENTION AND SURVEILLANCE	93.073	UNIVERSITY OF SOUTH CAROLINA	203975PO2000057736	-	21,009	-	21,009
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP)							
ALIGNED COOPERATIVE AGREEMENTS	93.074	HEALTH RESEARCH INC	566404	-	5,946	-	5,946
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077			230,764	-	34,477	
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077			101,571		-	332,335
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH	93.080	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0258-9330-4609	-	9,010	-	40.000
BLOOD DISORDER PROGRAM: PREVENTION, SURVEILLANCE, AND RESEARCH COVID-19 - PREVENTION OF DISEASE, DISABILITY, AND DEATH THROUGH IMMUNIZATION AND CONTROL	93.080	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025893394609	-	4,356	-	13,366
OF RESPIRATORY AND RELATED DISEASES	93.083	AMERICAN GERIATRICS SOCIETY	107-01-SUNY		18,086		
PREVENTION OF DISEASE, DISABILITY, AND DEATH THROUGH IMMUNIZATION AND CONTROL OF	35.005	AWENICAN GENATINGS SOCIETY	107-01-00141		10,000		
RESPIRATORY AND RELATED DISEASES	93.083	AMERICAN GERIATRICS SOCIETY	N/A	-	24.070	_	42,156
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084	UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON	218537001	-	21,224	-	
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084			690,543	-	661,596	
PREVENTION OF DISEASE, DISABILITY, AND DEATH BY INFECTIOUS DISEASES	93.084			538,461	-	411,104	1,250,228
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	RETREAT INCORPORATED	90ZJ00040100	-	57,399	-	
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086 93.086	CENTRAL NASSAU GUIDANCE AND COUNSELING CENTRAL NASSAU GUIDANCE AND COUNSELING	CNG PROJECTFORWARD YR2 CNG PROJECTFORWARD YR3	-	80,492 41 149	-	
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086	RETREAT INCORPORATED	N/A		39,595	-	218,635
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103	RETREAT INCORPORATED	IN/A	190,406	39,393		210,033
FOOD AND DRUG ADMINISTRATION RESEARCH	93.103			166.456	-	145.395	356.862
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	MOUNT SINAI SCHOOL OF MEDICINE	0253-7151-4609	-	18,040	-	18,040
ENVIRONMENTAL HEALTH	93.113	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255F4814609	-	25,962	-	
ENVIRONMENTAL HEALTH	93.113	THOMAS JEFFERSON UNIVERSITY	08001000S40301	-	34,107	-	
ENVIRONMENTAL HEALTH	93.113	BOWLING GREEN STATE UNIVERSITY	10009736 SUNY04		29,281		
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113	ALASKA COMMUNITY ACTION ON TOXICS	000440011804	296,301	4.070	138,817	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113	ALASKA COMMUNITY ACTION ON TOXICS	2R0110SUNY	222,925	1,679	64,929	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113	SAFETRACES INCORPORATED	2R44ES02507002	222,823	8 751	04,929	
ENVIRONMENTAL HEALTH	93.113	OAI ETTAGES INCOM GIVATED	21442302307002	286.149	0,731		
ENVIRONMENTAL HEALTH	93.113			706,922	-	359,253	
ENVIRONMENTAL HEALTH	93.113			574,518	-	203,882	
ENVIRONMENTAL HEALTH	93.113			581,769	-		
ENVIRONMENTAL HEALTH	93.113			300,836	-	86,524	
ENVIRONMENTAL HEALTH	93.113			166,812		-	
ENVIRONMENTAL HEALTH	93.113	ARIZONA BOARD OF REGENTS	619504		32,271	-	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113			41,110 472,550	-	-	
ENVIRONMENT AL HEALTH ENVIRONMENTAL HEALTH	93.113			126.262		-	
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113			6.331	-	-	
ENVIRONMENTAL HEALTH	93.113			2,508	-	-	
ENVIRONMENTAL HEALTH	93.113			296,067	-	78,483	
ENVIRONMENTAL HEALTH	93.113			43,595	-	-	
ENVIRONMENTAL HEALTH	93.113	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INCORPORATED	ULRF201190A05	-	40,819	-	4,297,525
ORAL DISEASES AND DISORDERS RESEARCH	93.121	REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	13438SC	-	75,391	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	GEORGE WASHINGTON UNIVERSITY	18M44		12,674	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			27,996	-	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			25,614 5,008	-	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			5,008 39,092	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			39,092		:	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			28.048	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			28,048	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							
	Assistance				Pass-	Passed-	Total expenditures
	listing			Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			\$ 1,273,072 331.834	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			122,295	-		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			497,820	-	99,474	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			286,120 60.196	-	20,611	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			72,307	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			33,470	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	NUSHORES BIOSCIENCES LLC	1R44DE02821302	-	120	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			97,355 81,543	-	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121	ALBERT EINSTEIN COLLEGE OF MEDICINE	312207PO903922	01,343	61.484	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	ERIE COUNTY MEDICAL CENTER	5344		20,560		
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			7,923 34,048	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			33,424	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			233,020	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			517,155	-	143,057	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			293,759 344,522	- :		
ORAL DISEASES AND DISORDERS RESEARCH	93.121			234,998		9,460	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			494,743	-	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			211,007 456,934	-	65,562	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			379,029	-	39,617	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			245,654	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			363,795	-	155,796	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			58,021 97,970	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			155,236	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			3,899	-	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121			156,334 113,687	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			457,613			
ORAL DISEASES AND DISORDERS RESEARCH	93.121	MEDICAL UNIVERSITY OF SOUTH CAROLINA	A003481S001	-	26,011		
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	UNIVERSITY OF PITTSBURGH	AWD000024771348151 C000759481	-	44,169 228,500	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	CURATORS OF THE UNIVERSITY OF MISSOURI VIRGINIA COMMONWEALTH UNIVERSITY	C000759481 FP00008909SA001	-	228,500	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121			83,339	-	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	CASE WESTERN RESERVE UNIVERSITY	RES515296	-	35	-	
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	UNIVERSITY OF ROCHESTER FORSYTH INSTITUTE	SUB00000359URFAOGR532623 SUNYB0169372720		62,277 87,398	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	FORSYTH INSTITUTE	SUNYB016937ADMINS2720A	-	40.290	-	
ORAL DISEASES AND DISORDERS RESEARCH	93.121	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INCORPORATED	ULRF20065001	-	72,159	-	
ORAL DISEASES AND DISORDERS RESEARCH GRANTS TO INCREASE ORGAN DONATIONS	93.121 93.134	NATGLYCAN ERIE COUNTY MEDICAL CENTER	UNIBUFF001 N/A	-	22,765 24,321	-	8,980,441 24,321
INJURY PREVENTION AND CONTROL RESEARCH AND STATE AND COMMUNITY BASED PROGRAMS	93.134	ERIE COUNTY MEDICAL CENTER	N/A	484,701	24,321	17,190	484,701
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	25029091	-	10,856	-	,
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142	RUTGERS UNIVERSITY	N/A	-	6,950	-	E0 100
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING NIEHS SUPERFUND HAZARDOUS SUBSTANCES BASIC RESEARCH AND EDUCATION	93.142 93.143	RUTGERS UNIVERSITY	SUB00002396	484,532	34,297	69,635	52,103 484,532
AIDS EDUCATION AND TRAINING CENTERS	93.145	COLUMBIA UNIVERSITY	2GG01490506MAI SAPO:G15827		1,955	-	404,002
AIDS EDUCATION AND TRAINING CENTERS	93.145	COLUMBIA UNIVERSITY	2GG01490508 SPMT SAPO:G16767	-	73,346	-	
AIDS EDUCATION AND TRAINING CENTERS AIDS EDUCATION AND TRAINING CENTERS	93.145 93.145	COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY	6(GG01490505) SAPO:G15819 6GG01490507 PRIME SAPO: G16759	-	94,959 254 595	-	424.855
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153	WESTAT CORPORATION	6579S10 HHSN2752019000011		25,326		25,326
RURAL HEALTH RESEARCH CENTERS	93.155			153,949	-		153,949
HUMAN GENOME RESEARCH HUMAN GENOME RESEARCH	93.172 93.172	JACKSON LABORATORY	210368022410	206,016	2,121	-	
HUMAN GENOME RESEARCH	93.172	TEXAS A&M UNIVERSITY KINGSVILLE	S220201UB503017	-	23,231		231,368
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	STOWERS INSTITUTE FOR MEDICAL RESEARCH	102110NIH0070	-	54,673	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			433,509 52,960	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			138,422		-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			12,800	-		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173	JOHNS HOPKINS UNIVERSITY UNIVERSITY OF SOUTH CAROLINA	2003988996 23-4973	-	66,795	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	UNIVERSITY OF SOUTH CAROLINA	23-49/3	566,447	166,175		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			53,355	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			39,607 45,210	-		
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			45,210 34,655	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			46,303	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			77,476	-	49,781	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			179,661 4.606	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			(25,490)	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			96,097	-	25,011	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			68,563 216,972	-	85 697	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			608,395	-	387,845	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			343,075	-	· -	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173			436,261 712.102	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			182,368	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			26,210	-	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173 93.173	THERAPEUTIC VISION INCORPORATED	N/A	38 631	47,704	3 485	
VEGEVIZOU VEENTED TO DEMLINEOS WIND COMMUNICATION DISOKDEKS	93.173			30,031	-	3,460	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
	Humber	rass-unough entity name	r ass-tinough number	experialtures	experiuntares	to subrecipients	rederal grantor
RESEARCH AND DEVELOPMENT CLUSTER: RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173			\$ 256,404	_	42,630	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	UNIVERSITY OF IOWA	S0183201	-	223,628	-	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173	VANDERBILT UNIVERSITY MEDICAL CENTER	VUMC107018	-	55,550	-	5,259,124
DISABILITIES PREVENTION DISABILITIES PREVENTION	93.184 93.184	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0258-9330-4609 025893394609		4,588 8 230	-	12,818
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213	OKLAHOMA STATE UNIVERSITY	1502011	-	5,144	-	12,010
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213			195,126	-	169	
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH	93.213	YALE UNIVERSITY DREXEL UNIVERSITY	CON80003775 GR112173	-	55,528 1,434	-	257.232
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.213 93.226	UNIVERSITY OF RHODE ISLAND	PO U0236289 0009641/050522 PO 188090	-	1,434 39,243	-	257,232
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			463,093	-	-	
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226			207,787		105,684	710,123
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233 93.233	NEW YORK UNIVERSITY TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	21A0001006478 PO M230633163 R01HL141494/COLUM127730		17,383 60,202	-	77 585
MENTAL HEALTH RESEARCH GRANTS	93.242	FLORIDA INTERNATIONAL UNIVERSITY	000523	-	81,173		11,505
MENTAL HEALTH RESEARCH GRANTS	93.242	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255E5324609	-	291,329	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI RTI INTERNATIONAL	0255E8224609 1340021732965846L	-	26,584 52,143	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242	RESEARCH FOUNDATION FOR MENTAL HYGIENE	140831	-	13.719		
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF COLORADO	1557924		17,006	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	RESEARCH FOUNDATION FOR MENTAL HYGIENE	160348	-	88,503	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			16,368 32,434	-		
MENTAL HEALTH RESEARCH GRANTS	93.242			178,224		7,884	
MENTAL HEALTH RESEARCH GRANTS	93.242			421,374	-	114,751	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			186,059 556,769	-	7,843 163,838	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			594,326	-	103,030	
MENTAL HEALTH RESEARCH GRANTS	93.242			184,698	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			227,239	-		
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			201,793 235,929	-	74,707	
MENTAL HEALTH RESEARCH GRANTS	93.242			190,505			
MENTAL HEALTH RESEARCH GRANTS	93.242			235,779	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	RUTGERS UNIVERSITY	2050 PO:25144886	1,862	54,729	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	RUTGERS UNIVERSITY	2054 PO:25144660 2054 PO:25140935	-	102.595		
MENTAL HEALTH RESEARCH GRANTS	93.242	ROLLINS COLLEGE	2505164522002	-	10,372	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	RUTGERS UNIVERSITY TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2656 PO:25375826	-	126,302 89 827	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	267844SB PO670242 2GG01744701	-	89,827 228,022		
MENTAL HEALTH RESEARCH GRANTS	93.242	3C INSTITUTE	3C202101	-	5,948	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			846,442	-	428,190	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	VANDERBILT UNIVERSITY MEDICAL CENTER VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	4018066223VUMC64356 41261719245	-	(490) 29,093	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF ROCHESTER	417866GURFAOGR511141	-	75,345	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF DELAWARE	55002		20,575	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			6,919 31 477	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242			31,477 32.806	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			157,379	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			371,140	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			663,076 342,328	-	85,180	
MENTAL HEALTH RESEARCH GRANTS	93.242			(2,957)	-		
MENTAL HEALTH RESEARCH GRANTS	93.242			442,922	-	159,329	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			542,847 102,380	-	67,299 53,499	
MENTAL HEALTH RESEARCH GRANTS	93.242			371.032	-	33,488	
MENTAL HEALTH RESEARCH GRANTS	93.242			13,224	-		
MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			775,460	-	202 247	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			470,255 107,416	-	202,347	
MENTAL HEALTH RESEARCH GRANTS	93.242			383,783	-	84,873	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			437,709 805,258	-	266,778	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			805,258 729,452	-	5,501	
MENTAL HEALTH RESEARCH GRANTS	93.242			894,169	-	120,094	
MENTAL HEALTH RESEARCH GRANTS	93.242			8,914	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			672,838 283,805	-	186.716	
MENTAL HEALTH RESEARCH GRANTS	93.242			439,385		-	
MENTAL HEALTH RESEARCH GRANTS	93.242			590,529	-	52,408	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			88,813 141,266	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			120,062			
MENTAL HEALTH RESEARCH GRANTS	93.242			137,389	-	2,454	
MENTAL HEALTH RESEARCH GRANTS	93.242			67,524	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242			139,183 100,708	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			31,352	-	-	
MENTAL HEALTH RESEARCH GRANTS	93.242			580,498	-	183,751	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	AWD00001621STONYBROOK	172,308	40.611	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	UNIVERSITY OF PITTSBURGH	AWD00001621S10NYBROOK AWD000053971373712	-	40,611 226,408	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	AWD10001621-BINGHAMTON	-	24,415	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	YALE UNIVERSITY YALE UNIVERSITY	CON-80003871 (GR117845) GR105701CON80001708	=	359,303 27,817	=	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	YALE UNIVERSITY YALE UNIVERSITY	GR105701CON80001708 GR110673CON80002551	-	27,817 70,288	-	
					, _ 00		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:		-					
MENTAL HEALTH RESEARCH GRANTS	93.242	UNIVERSITY OF CALIFORNIA AT LOS ANGELES	N/A	\$ -	65,158	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	CYTOCYBERNETICS	N/A N/A	-	269,430	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	UNIVERSITY OF WESTERN AUSTRALIA RESEARCH FOUNDATION FOR MENTAL HYGIENE	N/A PO139393	-	27,884 18,764	-	
MENTAL HEALTH RESEARCH GRANTS	93.242	RESEARCH CONDATION OR MENTAL THOILINE	1 0 100000	639,558	10,704	45,846	
MENTAL HEALTH RESEARCH GRANTS	93.242			3,052	-	-	
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242	RUTGERS UNIVERSITY QUADRANT BIOSCIENCES INCORPORATED	SUB00002552 UPSTRF111347	-	38,865 39,406	-	18,526,184
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.242	ERIE COUNTY DEPARTMENT OF HEALTH	19418HF		28 822		18,520, 184
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	CENTRAL NASSAU GUIDANCE AND COUNSELING	1H79TI084519-01	-	37,968	-	66,790
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247	BASSETT HEALTHCARE	N/A	-	39,373	-	
ADVANCED NURSING EDUCATION GRANT PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.247 93.262	MARY IMOGENE BASSETT HOSPITAL ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	T14HP331980101 025371224609		19,892 5,671		59,265
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	IOAITH GOLIOGE OF MEDICINE AT MODINT SINAL	023371224003	10,217	3,071		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			52,627	-	-	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262	ALBERT EINSTEIN COLLEGE OF MEDICINE	311531 PO871147 PO815149	13,502	893	-	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	ALBERT EINSTEIN COLLEGE OF MEDICINE	311531 PO8/114/ PO815149	131 305	693		
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			155,923		34,129	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			175,622	-	-	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			261,555	-	400.005	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262			543,419 665,841		122,995 266,261	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			276,052		-	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			97,405	-	56,880	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262			117,679 177,200	-	62,144 79.826	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262			23.610		79,020	
OCCUPATIONAL SAFETY AND HEALTH PROGRAM ALCOHOL RESEARCH PROGRAMS	93.262	TRUSTEES OF INDIANA UNIVERSITY	8064		74,348	-	2,782,869
	93.273	BROWN UNIVERSITY	00000995	-	16,285	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273	BROWN UNIVERSITY	00001112	31,444	40,754	-	
ALCOHOL RESEARCH PROGRAMS	93.273			9.769	-		
ALCOHOL RESEARCH PROGRAMS	93.273			102,623	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			179,940 365,141	-	52.244	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			143 835		52,244	
ALCOHOL RESEARCH PROGRAMS	93.273			42,640			
ALCOHOL RESEARCH PROGRAMS	93.273			9,163	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			41,442 34,165	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			179,553			
ALCOHOL RESEARCH PROGRAMS	93.273			(64)	-	-	
ALCOHOL RESEARCH PROGRAMS	93.273			146,197	-	68,008	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			404,475 392 133	-	-	
ALCOHOL RESEARCH PROGRAMS	93.273			282.009	-		
ALCOHOL RESEARCH PROGRAMS	93.273			505,124	-	174,896	
ALCOHOL RESEARCH PROGRAMS	93.273			496,050	-	229,148	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			167,547 562,270	-	-	
ALCOHOL RESEARCH PROGRAMS	93.273			324,273	-	58,138	
ALCOHOL RESEARCH PROGRAMS	93.273			284,561	-	91,857	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			73,691 184,013	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			155 179			
ALCOHOL RESEARCH PROGRAMS	93.273			167,543			
ALCOHOL RESEARCH PROGRAMS	93.273			91,705	-	11,522	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			26,296 356,881	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273			105.845			
ALCOHOL RESEARCH PROGRAMS	93.273			235,103	-	-	
ALCOHOL RESEARCH PROGRAMS	93.273			88,046	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			183,427 4 372 586	-	3 964 350	
ALCOHOL RESEARCH PROGRAMS	93.273			4,271,308		3,034,473	
ALCOHOL RESEARCH PROGRAMS	93.273	VIRGINIA COMMONWEALTH UNIVERSITY	FP00009867-SA004	-	20,214	-	
ALCOHOL RESEARCH PROGRAMS	93.273	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	G14210	-	35,134	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			11,019 301,547	-	37,055	
ALCOHOL RESEARCH PROGRAMS	93.273			1,022,559	-	46,624	
ALCOHOL RESEARCH PROGRAMS	93.273			215,432	-	-	
ALCOHOL RESEARCH PROGRAMS	93.273			269,005	-	-	
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273			79,743 49,798	-	15.225	
ALCOHOL RESEARCH PROGRAMS	93.273	PENNSYLVANIA STATE UNIVERSITY	S000392DHHS		251,676		
ALCOHOL RESEARCH PROGRAMS	93.273	GEORGIA STATE UNIVERSITY	SP0001332901	-	31,667	-	
ALCOHOL RESEARCH PROGRAMS	93.273	RUTGERS UNIVERSITY	SUB00002684 PO: 25343947	- 440.000	733	-	47 400 511
ALCOHOL RESEARCH PROGRAMS DRUG ABUSE NATIONAL RESEARCH SERVICE AWARDS FOR RESEARCH TRAINING	93.273 93.278	YALE UNIVERSITY	GR105971CON80001794	119,032	52,415	-	17,480,511 52,415
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255G8214609	-	50,685	-	52,415
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MARYLAND BALTIMORE	100000693	-	48,943	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	122848777	-	423,069	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	UNIVERSITY OF CALIFORNIA AT SAN DIEGO RTI INTERNATIONAL	123549894 1340021529752559L	-	309,127 37.878	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1490 G VB272		12,071	-	
	93.279	RESEARCH FOUNDATION FOR MENTAL HYGIENE	161606		61,122		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RESEARCH FOUNDATION FOR MENTAL HYGIENE	101000	116,004	01,122	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
	listing			Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			\$ 66,533	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			183,599	-		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			33,200	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			905	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ALA SCIENTIFIC INSTRUMENTS INC	1R44DA043277		(915)	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			94,870	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279			251,862	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	JOHNS HOPKINS LINIVERSITY	2004816361	39,284	55 908	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ERIE COUNTY DEPARTMENT OF HEALTH	2004616361 20935HF	-	55,908 41 399		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	20A0S3003671	-	135.959		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	JACKSON LABORATORY	210339012404	_	7.188	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	ROSALIND FRANKLIN UNIVERSITY OF MEDICINE AND SCIENCE	212437	_	44,640	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	JACKSON LABORATORY	217950	_	164,820	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	263622SUNY	-	7,539	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MARYLAND BALTIMORE	2882	-	29,679	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	EMITECH	2R44DA051289	-	8,522	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			652,611		4,706	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			146,716	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	HENRY M JACKSON FDN FOR ADV OF MILITARY MED INC	470595522365680	-	25,831	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			(29)	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	569674	-	141,371	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	572431		175,751	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			151,723	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279			262,723 406.563	-	17.190	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			341.057	-	17,190	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			95.120	-	9 693	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			300,413		46.877	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			339.785		28,201	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			569,182	_	20,201	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			427.855	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			2,015	_	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			334,463	_	119,967	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			657,744	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			601,717	-	89,108	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			89,359	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			8,309	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			4,810	-	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			88,161	-		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			274,484	-	19,172	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279			296,818	-	84,845	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279	DUKE UNIVERSITY	A035138	679,133	303 678	405,240	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	NEW YORK UNIVERSITY	A035138 F0682S021	-	20 475	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	GB10811	-	1.892	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	OHIO STATE UNIVERSITY	GR128888POSPC1000006940	-	17,521	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	NEW YORK UNIVERSITY	IB00615782 F1836-01		54,237		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	NEW YORK UNIVERSITY	NYU GROSSMAN (THOMASON)	_	40.950	_	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MIAMI	OS00000255 PO SPC-001273	-	23,580	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MIAMI	OS00000255 PO:SPC002220	-	237,016	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	UNIVERSITY OF MIAMI	OS00000369 PO #SPC-001635	-	771	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	BOARD OF REGENTS OF UNIVERSITY SYSTEM OF GEORGIA BY AND ON BEHALF OF UNIVERSITY	SP0001433301	-	5,760	-	
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	RUTGERS UNIVERSITY	SUB00002511 PO: 25256769	-	27,164		10,030,620
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	CERNER CORPORATION	200201563931	-	(4,040)	-	
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	ABT ASSOCIATES INCORPORATED	53614	-	460,954	-	456,914
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1GG01420501 POG12662		219		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			108,958	-	52,133	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			54,692 61,002	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			195,230			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	CHRONUS PHARMACEUTICALS INCORPORATED	1R41FB02986001	100,200	163	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	SYRACUSE UNIVERSITY	3167505834S01	_	26,646	_	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			30,272	,	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			269,642	-	45,253	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			1,791	-		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			39,266	-		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			300,418	-	55,490	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			255,474	-	(45,348)	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			17,922	-	12,087	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			403,873	-		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			409,741	-	106,994	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			331,127 729.649	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286			729,649 327,118	-	122,176	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			327,116	-	122,170	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			37,738	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			35.640	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			242.511	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			139,206			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			252,820	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			111,837	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			15,794	-	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			720,784	-	303,991	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			27,557	-	27,557	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			(294)	-		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			708,857	-	111,995	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			386,851	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286	BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	62849834177808	\$ -	8,965		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286	RENSSELAER POLYTECHNIC INSTITUTE	A220079S002 PO309954	22,755	205 012	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	UNIVERSITY OF KANSAS CENTER FOR RESEARCH INCORPORATED COLORADO STATE UNIVERSITY	FY2023003		35,417		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	COLORADO STATE UNIVERSITY	G8795103	-	13,814	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	KITWARE INCORPORATED	K00284700S01 MIDRC	-	97,445 37.597	-	
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286	RSNA RESEARCH AND EDUCATION FUND ALBANY RESEARCH INSTITUTE	P41EB018783		(163)		
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286			132,098			
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286	UNIVERSITY OF FLORIDA	SUB00002986	-	14,128	-	7,127,899
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	UNIVERSITY OF PENNSYLVANIA	575095 PO #4467610	-	39,957	-	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307			178,902 229,172		-	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	PONCE MEDICAL SCHOOL FOUNDATION	8633	220,112	5.157	-	
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307	PONCE MEDICAL SCHOOL FOUNDATION	8644	-	13,483	-	466,671
TRANS-NIH RESEARCH SUPPORT	93.310	THOMAS JEFFERSON UNIVERSITY	08004000S40701		172,985	-	
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310	ALBERT EINSTEIN COLLEGE OF MEDICINE	312228PO931283	34,775	141,514	-	
TRANS-NIH RESEARCH SUPPORT	93.310	ALBERT EINSTEIN COLLEGE OF MEDICINE	312220FO931263	325,892	141,514		
TRANS-NIH RESEARCH SUPPORT	93.310			550	-	-	
TRANS-NIH RESEARCH SUPPORT	93.310			8,928	-	1,922	
TRANS-NIH RESEARCH SUPPORT	93.310	TRUSTEES OF INDIANA UNIVERSITY	9273 PO0459379	-	4,113	-	
TRANS-NIH RESEARCH SUPPORT	93.310	TRUSTEES OF INDIANA UNIVERSITY	9421 PO0547963	-	117,434	-	839 069
TRANS-NIH RESEARCH SUPPORT NIH OFFICE OF RESEARCH ON WOMEN'S HEALTH	93.310 93.313	REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO	KR704670	207,013	32,878	-	839,069 207,013
PROTECTING AND IMPROVING HEALTH GLOBALLY: BUILDING AND STRENGTHENING PUBLIC HEALTH				201,010	-	-	201,010
IMPACT, SYSTEMS, CAPACITY AND SECURITY	93.318	ASSOCIATION OF AMERICAN MEDICAL COLLEGES	GT3202109	-	29,507	-	29,507
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	SYRACUSE UNIVERSITY	32435 06072 S01	-	17,068	-	
EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC) EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC)	93.323	HEALTH RESEARCH INC SYRACUSE LINIVERSITY	724801 SP-32435-1-06413-S01	-	30,303	-	81 781
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.323 93.350	OREGON HEALTH & SCIENCE UNIVERSITY	1011902001STONYBROOK	-	34,410 (6,492)	-	61,781
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	ONEGON TEAETT & SCIENCE GRIVENOTT	10113020010101V1BROOK	518.719	(0,432)	132.823	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350			29,498	-	-	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350			3,654,428	-	80,299	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	UNIVERSITY OF COLORADO	FY221126013	-	9,924	-	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350 93.350	TAMBO INCORPORATED RUTGERS UNIVERSITY	N/A N/A	-	57,901 258	-	
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	UNIVERSITY OF COLORADO	PO1001613510 FY221126013		26,400		
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	UC223192		2,598		4,293,234
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			476,700	· -	-	
RESEARCH INFRASTRUCTURE PROGRAMS	93.351			169,102	-	-	
RESEARCH INFRASTRUCTURE PROGRAMS RESEARCH INFRASTRUCTURE PROGRAMS	93.351 93.351	OREGON STATE UNIVERSITY	P0441A A	576,977	22.233	-	1 245 012
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL	93.331	OREGON STATE UNIVERSITY	F0441AA		22,233	•	1,240,012
COUNTERMEASURE DEVELOPMENT	93.360	PHARM OLAM INTERNATIONAL	2021SPEC001	-	14,618	-	
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL							
COUNTERMEASURE DEVELOPMENT	93.360			30,835	-	-	
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL COUNTERMEASURE DEVELOPMENT	93.360			95,203			
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL	93.300			93,203	-	•	
COUNTERMEASURE DEVELOPMENT	93.360			6,943	-	-	
BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL							
COUNTERMEASURE DEVELOPMENT NURSING RESEARCH	93.360	PHARM OLAM INTERNATIONAL	V004333	-	1,642	-	149,241
NURSING RESEARCH NURSING RESEARCH	93.361 93.361	REGENTS OF THE UNIVERSITY OF CALIFORNIA	00009941	691 466	52,853	179 941	
NURSING RESEARCH	93.361			96,317	-	170,041	
NURSING RESEARCH	93.361	MEDICAL COLLEGE OF WISCONSIN	1R56NR019443001 PO:6176443	-	879		
NURSING RESEARCH	93.361			941	-	-	
NURSING RESEARCH	93.361	TRUCTES OF COLUMN AND STORY IN THE CITY OF VEH YORK	N/A	375,261	-	-	
NURSING RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.361 93.393	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN SYSTEM	N/A 0000002481	-	26,278 51,440	-	1,243,995
CANCER CAUSE AND PREVENTION RESEARCH	93.393	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	19423	-	2,397	-	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			531,586	-,	58,341	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			2,159		· -	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	HEALTH RESEARCH INC ALBERT EINSTEIN COLLEGE OF MEDICINE	292-01 312042 PO0872174	-	8,208 2.669	-	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	ALBERT EINSTEIN COLLEGE OF MEDICINE ALBERT EINSTEIN COLLEGE OF MEDICINE	312042 PO0872174 312233 PO0919153	-	2,669 13,260	-	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF NEW MEXICO	3RCQ4		24.410		
CANCER CAUSE AND PREVENTION RESEARCH	93.393		ortou-	103,233	24,410	5,231	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			180,415	-	-	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			410,321	-	246,187	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393			676,894 332.161	-	32,299 42.517	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393			332,161	-	42,017	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			116,920	-	-	
CANCER CAUSE AND PREVENTION RESEARCH	93.393			71,068	-	71,068	
CANCER CAUSE AND PREVENTION RESEARCH	93.393	ADIZONA DOADD OF DECENTO	040077	589,777	440 500	439,776	
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	ARIZONA BOARD OF REGENTS YALE UNIVERSITY	649977 GR107782 CON-80002141	-	113,592 162 767		
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393	ABCEUTICS	GR 107782 CON-80002141 N/A		38.533		
CANCER CAUSE AND PREVENTION RESEARCH	93.393	UNIVERSITY OF ARKANSAS	UA2022300	-	46,054	-	3,484,560
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	H LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE	10210019901G1		272,805		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	CARNEGIE MELLON UNIVERSITY	1090613-435554		83,815		
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394			205,207 (1,665)	-	69,665	
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394			(1,665) 116,190	-	46.627	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			483,645	-	10,124	
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	SOMAGENE	1R41CA25083301A1	-	13		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	HEALTH RESEARCH INC	46201	-	5,577		
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	UNIVERSITY OF ARKANSAS	51599 POG220120035	858,928	98,140	81,775	
CANGER DETECTION AND DIAGNOSIS RESEARCH	33.394	UNIVERSIT FOR ARRANGAG	5 1589 PUG220 120035	-	96,140	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023								
	Assistance			.	Pass-	Passed-	expenditures	
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor	
RESEARCH AND DEVELOPMENT CLUSTER:								
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394			\$ 15,153 603,663	-	41,274		
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394			120 371	-	41,274		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			197,736	-	43,920		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			113,902	-			
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	WRIGHT STATE UNIVERSITY HEALTH RESEARCH INC	6711971 710601	-	21,964 6,676	-		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	HEALTH RESEARCH INC	710601		27.335			
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			17,653	-	-		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	MEMORIAL SLOAN KETTERING CANCER CENTER	MSKSUB00000076		27,842	-		
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394	REGENTS OF THE UNIVERSITY OF MINNESOTA GEORGIA STATE UNIVERSITY	P006155601 SP0001501602	-	210,199 82,712	-	3.567.861	
CANCER TREATMENT RESEARCH	93.395	GEORGIA STATE UNIVERSITY	SF0001301002	328,124	02,712	52.407	3,307,001	
CANCER TREATMENT RESEARCH	93.395			34,285	-	6,289		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			51,607 114,109	-	-		
CANCER TREATMENT RESEARCH	93.395			65,491		65,491		
CANCER TREATMENT RESEARCH	93.395			(19,531)		-		
CANCER TREATMENT RESEARCH	93.395			173,683	-			
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	GYNECOLOGIC ONCOLOGY GROUP CHILDREN'S HOSPITAL OF PHILADELPHIA	27469070 2U10CA180886	-	31,264 18,949	-		
CANCER TREATMENT RESEARCH	93.395	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	20 10CA 180888 584737		186,245			
CANCER TREATMENT RESEARCH	93.395	THOUSE OF THE STATE OF TEMPOLET AND	30-17-07	286,039	-			
CANCER TREATMENT RESEARCH	93.395			1,026,918	-	-		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			145,780 (16.441)	-	-		
CANCER TREATMENT RESEARCH	93.395			33.158		11,725		
CANCER TREATMENT RESEARCH	93.395			2,262	-	-		
CANCER TREATMENT RESEARCH	93.395			478,762	-	185,951		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			681,234 370,582	-	225,410		
CANCER TREATMENT RESEARCH	93.395			360,992		192,260		
CANCER TREATMENT RESEARCH	93.395			360,490	-			
CANCER TREATMENT RESEARCH	93.395			342,770	-			
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395			304,641 353.655	-	82,864		
CANCER TREATMENT RESEARCH	93.395			2.185				
CANCER TREATMENT RESEARCH	93.395			26,340	-	-		
CANCER TREATMENT RESEARCH	93.395			9,867	-	1,210		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	BECKMAN RESEARCH INSTITUTE OF THE CITY OF HOPE	611562006887669301	39,280	151.787	-		
CANCER TREATMENT RESEARCH	93.395	JOHN WAYNE CANCER INSTITUTE	70659-SER CA029605	-	3.783			
CANCER TREATMENT RESEARCH	93.395			11,930	-	-		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395	BRIGHAM AND WOMENS HOSPITAL	A151216	29,088	(3.500)	-		
CANCER TREATMENT RESEARCH	93.395 93.395	EMORY UNIVERSITY	A151216 A648370	-	(3,500)	-		
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	AHOD1331 U10CA098543	-	48.036	-		
CANCER TREATMENT RESEARCH	93.395	ARSENAL MEDICAL INCORPORATED	AM-5965	-	151,945	-		
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	APEC14B1	-	94 16 010	-		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	PUBLIC HEALTH INSTITUTE PUBLIC HEALTH INSTITUTE	AR10379 AR13073	-	20,014	-		
CANCER TREATMENT RESEARCH	93.395	PUBLIC HEALTH INSTITUTE	AR59605	-	7,911	-		
CANCER TREATMENT RESEARCH	93.395	PUBLIC HEALTH INSTITUTE	AR62103	-	3,199	-		
CANCER TREATMENT RESEARCH	93.395	BRIGHAM AND WOMENS HOSPITAL	CALGB ID 323 SITE NY141	-	(11,852) 464	-		
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395	BRIGHAM AND WOMENS HOSPITAL ECOG-ACRIN CANCER RESEARCH GROUP	CALGB50801 N/A	-	464 54,223			
CANCER TREATMENT RESEARCH	93.395	IMMUNE MODULATORY THERAPIES LLC	N/A		1,148	-		
CANCER TREATMENT RESEARCH	93.395	NRG ONCOLOGY FOUNDATION INC	N/A	-	118			
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	RS2022052603 S1418	-	46,545	-		
CANCER TREATMENT RESEARCH	93.395 93.395	SOUTHWEST ONCOLOGY GROUP ECOG-ACRIN CANCER RESEARCH GROUP	U10CA18082007SUNY1C		1,730 16,446			
CANCER TREATMENT RESEARCH	93.395	ECOG-ACRIN CANCER RESEARCH GROUP	U10CA18082007SUNY1C		7,000			
CANCER TREATMENT RESEARCH	93.395	CHILDREN'S HOSPITAL OF PHILADELPHIA	U10CA180886	-	24,566	-		
CANCER TREATMENT RESEARCH CANCER BIOLOGY RESEARCH	93.395 93.396	PUBLIC HEALTH INSTITUTE H LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE	U10CA180886 10220369901G1	-	57,671 106,996	-	6,440,677	
CANCER BIOLOGY RESEARCH	93.396	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	1GG01760301 POG15134		288.926			
CANCER BIOLOGY RESEARCH	93.396			60,158		10,585		
CANCER BIOLOGY RESEARCH	93.396			34,342	-	-		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	DUKE UNIVERSITY	303000416	5,337	10,594	-		
CANCER BIOLOGY RESEARCH	93.396	ALBERT EINSTEIN COLLEGE OF MEDICINE	310245		24 955			
CANCER BIOLOGY RESEARCH	93.396	UNIVERSITY OF NEBRASKA MEDICAL CENTER	3451402112301	-	17,645	-		
CANCER BIOLOGY RESEARCH	93.396	HEALTH RESEARCH INC	40501	-	28,418			
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	HEALTH RESEARCH INC HEALTH RESEARCH INC	43401 48501	-	8,345 6,784	-		
CANCER BIOLOGY RESEARCH	93.396	REALTH RESEARCH INC	48501	307.515	0,784			
CANCER BIOLOGY RESEARCH	93.396			885	-	-		
CANCER BIOLOGY RESEARCH	93.396			298,852	-	-		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			261,848 145.903	-	=		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396			145,903 293,411	-	-		
CANCER BIOLOGY RESEARCH	93.396			462,668	-	-		
CANCER BIOLOGY RESEARCH	93.396			30,227	-	-		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			399,215 378,420	-	63,047		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396			378,420 49,853	-	-		
CANCER BIOLOGY RESEARCH	93.396			205,974	-	-		
CANCER BIOLOGY RESEARCH	93.396			546,677	-	-		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396	RENSSELAER POLYTECHNIC INSTITUTE	A12815	225,626	261	103,909		
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396	NENOSELAEN FOLTTEUMNU INSTITUTE	A12010	62,354	261	-		
	00.000			02,004	_	=		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
CANCER BIOLOGY RESEARCH	93.396	MAYO CLINIC JACKSONVILLE	THE301514PO68891117	\$ -	47,862		4,310,051
CANCER CENTERS SUPPORT GRANTS	93.397	NORTHWESTERN UNIVERSITY	60057783NYSB	-	26,264	-	
CANCER CENTERS SUPPORT GRANTS	93.397	CORIELL INSTITUTE FOR MEDICAL RESEARCH	A220002S010A01	-	48,577	-	74,841
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398			2,279	-	-	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398			2,279 4,662		-	
CANCER RESEARCH MANPOWER	93.398			30.898	-	-	
CANCER RESEARCH MANPOWER	93.398			79,081	-	-	
CANCER RESEARCH MANPOWER	93.398			34,588	-	-	
CANCER RESEARCH MANPOWER	93.398			59,839	-	-	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398			30,812 29,007	-	-	
CANCER RESEARCH MANPOWER	93.398			40 196	-	-	
CANCER RESEARCH MANPOWER	93.398			37,421			
CANCER RESEARCH MANPOWER	93.398			17,125	-	-	
CANCER RESEARCH MANPOWER	93.398			40,145	-	-	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398			(6,786) 171.126	-	-	
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398			24,769		-	
CANCER RESEARCH MANPOWER	93.398			103,477	-		700.918
CANCER CONTROL	93.399	CHILDREN'S HOSPITAL OF PHILADELPHIA	2UG1CA18995506	-	3,290	-	3,290
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	CARNEGIE MELLON UNIVERSITY	1090679425294	-	382,259	-	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5125710	-	108,577	-	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433 93.433			54,962 31,159	-	-	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			260,196		242,921	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			605.694		304,780	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433			218,138	_	81,059	
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	UNIVERSITY OF MASSACHUSETTS CHAN MEDICAL SCHOOL	WA01234876	-	1,467	-	1,662,452
CONGRESSIONAL DIRECTIVES	93.493			442,096	-	-	442,096
FAMILY VIOLENCE PREVENTION AND SERVICES/DISCRETIONARY	93.592 93.592	RETREAT INCORPORATED RETREAT INCORPORATED	90EV04600200	-	10,494	-	36.680
FAMILY VIOLENCE PREVENTION AND SERVICES/DISCRETIONARY AFFORDABLE CARE ACT STATE HEALTH INSURANCE ASSISTANCE PROGRAM (SHIP) AND AGING AND	93.592	RETREAT INCORPORATED	90EV04600300	-	26,186	-	36,680
DISABILITY RESOURCE CENTER (ADRC) OPTIONS COUNSELING FOR MEDICARE-MEDICAID INDIVIDUALS							
IN STATES WITH APPROVED FINANCIAL ALIGNMENT MODELS	93.626			166,653	-	50,242	
AFFORDABLE CARE ACT STATE HEALTH INSURANCE ASSISTANCE PROGRAM (SHIP) AND AGING AND							
DISABILITY RESOURCE CENTER (ADRC) OPTIONS COUNSELING FOR MEDICARE-MEDICAID INDIVIDUALS							
IN STATES WITH APPROVED FINANCIAL ALIGNMENT MODELS	93.626			81,303	-	26,803	247,956
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.648 93.701	CHILDREN'S HOSPITAL OF PHILADELPHIA	N/A	234,652	16,120	207,557	234,652 16.120
MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732	SYRACUSE UNIVERSITY	3226805944S01		22.006		22.006
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	ISLAND PEER REVIEW ORGANIZATION	N/A	-	19 686	-	19 686
SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMUNITY MENTAL HEALTH SERVICES	93.829	CENTRAL NASSAU GUIDANCE AND COUNSELING	N/A	-	5,203	-	5,203
CARDIOVASCULAR DISEASES RESEARCH	93.837	FRED HUTCHINSON CANCER CENTER	0001110492	-	12,442	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	FRED HUTCHINSON CANCER CENTER	0001128282	-	25,337	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	MOUNT SINAI SCHOOL OF MEDICINE	025529584609	-	182,143	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.637	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	18A0001001609	141 726	403,735	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			10,647	-	4,340	
CARDIOVASCULAR DISEASES RESEARCH	93.837	ZBEATS INCORPORATED	1R41HL16031701A1		56,312	-,0-10	
CARDIOVASCULAR DISEASES RESEARCH	93.837			20,155	-	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			229,277		37,342	
CARDIOVASCULAR DISEASES RESEARCH	93.837	DUKE UNIVERSITY	2037894	-	1,143	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	POLYNOVA CARDIOVASCULAR INCORPORATED	2R41HL134418	141,820	319,217	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	HEALTH RESEARCH INC	39801	-	18,183	_	
CARDIOVASCULAR DISEASES RESEARCH	93.837			575,177	· -	8,446	
CARDIOVASCULAR DISEASES RESEARCH	93.837	HEALTH RESEARCH INC	46601	-	22,209	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			32,980		-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	KENT COUNTY MEMORIAL HOSPITAL TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	500173103SUNY 578977	-	37,403 51,427	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2/69//	92,339	51,427	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			427,792		47,500	
CARDIOVASCULAR DISEASES RESEARCH	93.837			525,703	-	366,923	
CARDIOVASCULAR DISEASES RESEARCH	93.837			207,801	-	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			217,715	-	35,290	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837			440,763 672,957	-	215,392	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			6/2,95/ 763 007	-	104 916	
CARDIOVASCULAR DISEASES RESEARCH	93.837			372.130		104,910	
CARDIOVASCULAR DISEASES RESEARCH	93.837			413,839	-		
CARDIOVASCULAR DISEASES RESEARCH	93.837			502,663	-	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837			(2,111)	-	(2,111)	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837			(169) 296 893	-	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULA R DISEASES RESEARCH	93.837 93.837			296,893 137 409	-	66,099	
CARDIOVASCULAR DISEASES RESEARCH	93.837			312.479		179,049	
CARDIOVASCULAR DISEASES RESEARCH	93.837			2,185,022		170,040	
CARDIOVASCULAR DISEASES RESEARCH	93.837			540,249	-	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF CALIFORNIA AT SAN DIEGO	705691	-	54,938	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	9GG01524301 SAPO G17552	-	6,927	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	CM0000050404	-	34,280	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837	CHILDRENS HOSPITAL OF BOSTON UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	GENFD0002257452 GMO161105 PO RGC0000000733	-	132,152 72.096	-	
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837	YALE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	GR107814 CON80001978	-	72,096 4,843	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	CYTOCYBERNETICS	N/A		144	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	UNIVERSITY OF MIAMI	OS00000890 PO:SPC001246	-	10,517	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA	RS2019048101	-	5,422	-	
CARDIOVASCULAR DISEASES RESEARCH	93.837	REGENTS OF THE UNIVERSITY OF MICHIGAN	SUBK00018057	-	4,950	-	10,714,083
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838	UNIVERSITY OF RHODE ISLAND	0008871102720B	197.889	50,873	-	
LUNG DISEASES RESEARCH	93.838			197,889 383.406	-	15.748	
222.2.3020 (1202) (101)	55.000			305,400	-	15,740	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

	Assistance listing	Providence to a settle according	Barra Marrianh arranhar	Direct	Pass- through	Passed- through	expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER: LUNG DISEASES RESEARCH	93.838			\$ 205,771	_	48	
LUNG DISEASES RESEARCH	93.838	UNIVERSITY OF VERMONT	32773SUB52552		22,131	-	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838			2,981 192,572		-	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838			192,514 15,522	-	-	
LUNG DISEASES RESEARCH	93.838			544,838	-	-	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838			483,866 440,542	-	-	
LÜNG DISEASES RESEARCH	93.838			219,266	-	-	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838	RESEARCH INSTITUTE AT NATIONWIDE CHILDRENS HOSPITAL UNIVERSITY OF COLORADO	700157122200 FY221126031/PO#FY221126031	-	23,437 780.507	-	
LUNG DISEASES RESEARCH	93.838	ILLEXCOR THERAPEUTICS	N/A	-	29,595	-	
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838	CVD EQUIPMENT CORPORATION UNIVERSITY OF GEORGIA	N/A SUB00002828	-	16,762	-	
LUNG DISEASES RESEARCH	93.838	REGENTS OF THE UNIVERSITY OF MICHIGAN	SUBK00014494	-	220,688 4,519	-	4,027,679
BLOOD DISEASES AND RESOURCES RESEARCH	93.839			318,755	· -	146,199	
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839	ALTERNA THERAPEUTICS INCORPORATED	20192	31,152	(1.923)	-	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5111803	-	59,991	-	
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839			642,654 182,396	-	-	
BLOOD DISEASES AND RESOURCES RESEARCH	93.839	HITTORIA MARROW POLICE PROCESSA	CPI 349	343,135	-	343,135	
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839	NATIONAL MARROW DONOR PROGRAM WASHINGTON UNIVERSITY	WU-18-274		1,623 855	-	1,578,638
TRANSLATION AND IMPLEMENTATION SCIENCE RESEARCH FOR HEART, LUNG, BLOOD DISEASES,							
AND SLEEP DISORDERS ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.840 93.846	BRIGHAM AND WOMENS HOSPITAL	117004	434,218	(39,962)	-	434,218
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	BRIGHAM AND WOMENS HOSPITAL	121918	-	(1,014)	-	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846	BRIGHAM AND WOMENS HOSPITAL CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE OF CWRU	128060 1337SUB	-	2,158 95,824	-	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846	SEEVED WID SERVICE COLLEGE OF MEDICINE OF SWITCH	1007005	179,856	-	12,942	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			201,591 59.199		-	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			1,199,760	-	128,641	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846	SYRACUSE UNIVERSITY	3095405550S01	587,755	357	132,242	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			164,283	-	132,242	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			27,943 127 192	-	-	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			74,382	-		
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846 93.846			154,601 459.033	-	28.174	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846			15,491	-	20,174	
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.846 93.847	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025544774605	428,003	- 524	=	3,736,452
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	JOSLIN DIABETES CENTER	100303	-	10,748		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	CLEVELAND CLINIC LERNER COLLEGE OF MEDICINE OF CWRU	1441SUB	-	32,044	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	GEORGE WASHINGTON UNIVERSITY	17D11	28,751	16,420	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			7,909 295.163	-	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			61,911	-		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			690 61.108	-	6,870	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF SOUTH FLORIDA	1U01DK61055	- 01,100	2,050	- 0,870	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	NEW YORK UNIVERSITY SCHOOL OF MEDICINE JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	20A1001002209 2157	-	77,624 194,792	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	225132	-	57,626		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	ALBERT EINSTEIN COLLEGE OF MEDICINE ALBERT EINSTEIN COLLEGE OF MEDICINE	31219BPO920995 31220A PO930127	-	25,606 18,000	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	ALBERT EINSTEIN COLLEGE OF MEDICINE	31220A PO930127 31220B PO930125	-	5,692		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	ALBERT EINSTEIN COLLEGE OF MEDICINE SYRACLISE UNIVERSITY	31220C PO930126 3182105885S01	-	19,132	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA ON BEHALF OF AUGUSTA UNIVERSIT	Y 3230795	-	45,194 848	462	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	UNIVERSITY OF CONNECTICUT	378748	567,827	26,873	289,059	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			309,986	-	209,009	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	MCLEAN HOSPITAL CORPORATION VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIV	401536 41267419B88	-	26,177 43,667	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	VIRGINIA FOLT ECHNIC INSTITUTE AND STATE UNIV	41207419500	32,619	43,007		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES. DIGESTIVE. AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			192,205 103.670	-	=	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			70,473	-		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			32,475 22,458	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			131,764	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			172,569 29,629	-	50,850	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			386,300	-	16,285	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			91,612 483.127	-е	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			391,455	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			390,824 466,309	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			614,654	-	11,320	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847			817,390 665,542	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			473,397	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
	listing			Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	BAYLOR COLLEGE OF MEDICINE	700000735	\$ -	213,307	9,040	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			11,585	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847			68,014	-	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	UNIVERSITY OF TENNESSEE	A190917S003	228,244	47,897		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF CALIFORNIA AT DAVIS	A220835S001	-	1.042	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	FREEFLOW MEDICAL DEVICES	N/A		37,496		
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	REGENTS OF THE UNIVERSITY OF MINNESOTA	P008052901	-	43,339	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	R01DK121240GLUCOG	-	61,499	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847 93.847	KAISER FOUNDATION RESEARCH INSTITUTE PENNSYLVANIA STATE UNIVERSITY	RNG21069002 S003702DHHS	-	2,364 24.075	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMORAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMORAL RESEARCH	93.647	GEORGE WASHINGTON UNIVERSITY	SGRD2122LL21		53.538	32,687	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	GEORGE WASHINGTON UNIVERSITY	SGRD223LL21	-	33,766	32,007	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	UNIVERSITY OF FLORIDA	SUB00003323	-	14,324	-	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847	PENNSYLVANIA STATE UNIVERSITY	SUNYDK088244	-	92,321	-	8,437,645
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF CINCINNATI UNIVERSITY OF CINCINNATI	010785136420 011337134236	-	7,445 67.948	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF CINCINNATI	011337136420	-	35,212		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93 853	UNIVERSITY OF CINCINNATI	012043140417	-	500	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF CINCINNATI	012044134236		200		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF CINCINNATI	012765140417/ PO#4600003862	-	9,774	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			27,874	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			114,613	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			39,245 656,019	-	177,360	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			376.593	-	177,300	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			365,918	-		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			577,458	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			262,782	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			398,271	-	99,778	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			122,757 312.001	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			88.500		:	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			112,700	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			44,779	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			(479)	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			22,871	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			133,589 110	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			403			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			216,938			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			31,956	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			125,828	-	42,806	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			235,596 138 271	-	58 478	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			69 794		36,476	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			199,297	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			46,880	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			284,970	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			294,926 1 135	-	54,367	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			1,135 354.114	-	112,103	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			443 243		112,103	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			539.436	_	61.963	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			926,450	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON	228594301		37,313	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	ALDERT EINOTEIN COLLEGE OF MEDICINE	040070 P0000474	(29,418)	9.334	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	ALBERT EINSTEIN COLLEGE OF MEDICINE	312278 PO933171	6.349	9,334		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417450GURFAOGR510524		43.558	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417450URFAOGR510524	-	20,129	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417451GURFAOGR510857	-	50,334	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF ROCHESTER	417451URFAOGR510857	-	15,304	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	UNIVERSITY OF ROCHESTER MEDICAL COLLEGE OF WISCONSIN	417848GURFAOGR505009 4R33NS11620302	-	19,231 41,452	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MEDICAL COLLEGE OF WISCONSIN	4K33N311020302	33,609	41,432	:	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			(1,129)	_	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			10,610	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	5GG01200605 SAPO:G16637	-	4,942	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			17,273	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			428,178 15,200	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			427.889			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			324,129	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			398,036	-	161,194	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			608,715	-	19,148	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			91,634	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			13,793 3,715	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			3,715 707 465	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			111,286	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			174,965	-	-	
	93.853			333,971	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS							
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			468,306	-		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			491,111	-	133,203	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				:	133,203	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			\$ 504,933	-	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			793,821	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			319,971	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			413,719 406,376	-	96,051	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			521.641		90,051	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93 853			194.960	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			270,291	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			262,729	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			71,880	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853			239,749 132,555	-	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			129,717			
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			303,602	-		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	BAYLOR COLLEGE OF MEDICINE	7000001509	-	104,595	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			973,659	-	741,668	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			450,631		169,821	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	MEMORIAL SLOAN KETTERING CANCER CENTER VIRGINIA COMMONWEALTH LINIVERSITY	BD525685B FP0008389SA002	-	43,033 79,819	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS	GMO181203PO000001374E		79,819 76,059		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93 853	VIRGINIA COMMONWEALTH UNIVERSITY	N/A		(10.059)	_	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	CYTOCYBERNETICS	N/A		16,791		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	NN110	-	1,719	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853			524,502	2.25	351,757	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853 93.853	MAYO CLINIC JACKSONVILLE UNIVERSITY OF FLORIDA	SBU22406302 SUB00002881	-	3,484 13.447	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	UNIVERSITY OF FLORIDA	SUB00002881 SUB00002888		72 454		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MAYO CLINIC JACKSONVILLE	SUN18727601		14.249	-	
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	PENNSYLVANIA STATE UNIVERSITY	SUNYNS115942		(32,965)		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853	MASSACHUSETTS GENERAL HOSPITAL	U24NS10719203	-	28,608	-	20,724,680
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	UNIVERSITY OF TEXAS MD ANDERSON CANCER CENTER	00004312/PO#3001172947	-	149	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH COVID-19 - ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	FRED HUTCHINSON CANCER RESEARCH CENTER FRED HUTCHINSON CANCER CENTER	0001041991 0001115858	-	820,413 370	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	000677710312018		29.030		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	UNIVERSITY OF RHODE ISLAND	000749110102018		192,532	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA	1560BYB817	-	8,750	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1560GYC578	-	163,554	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	19390	-	4,947	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH COVID-19 - ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			15,101 353,510	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			576.079			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93 855			483,918	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			154,060			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			71,230	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			30,608	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			34,259	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			4,266 (5,637)			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			13.008	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			38,830	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			31,572	-	-	
COVID-19 - ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			129,699	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	CIENCIA	1R41AI167161	54,777	45 969	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	220952		45,969 9 179		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	WHITMAN-WALKER INSTITUTE, INCORPORATED	22804002		26,940	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			25,278	,		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	31121D		13,288	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	311281 P0924633	-	172,353	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	ALBERT EINSTEIN COLLEGE OF MEDICINE	31231B	567,867	25,260	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	561301	307,007	51 013		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	583901		42,553	_	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			(2,465)	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			74,767	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			237,258	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			144,599	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			461,234 94,962	-	212,343	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			246.950			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			1,634			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			518,864	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			133,076	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			599,280 967,456	-	20,726	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			967,456 42.926	-	20,726	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			6.374			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			802,614	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			362,274	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			195,236	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			177,861	-	1,015	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			432,782 160,946	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			356.051	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			306,009		- :	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			311,354	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			403,256	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			294,789	-	171,012	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

	Assistance listing			Direct	Pass- through	Passed- through	Total expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			\$ 640,150 322.880	-	129,823	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			782,260		500,455	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			787,620	-	365,566	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			297,927 479.055	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			242,146			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			358,002	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			381,313	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			407,824 433,905	-	26.522	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			376,490	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			303,130	-	61,340	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			45,939 55,723	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			3,766			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			147,045	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			79,000 83.877	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			79,610			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			61,259	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			101,662	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			165,119 123,745	-	114,051	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			234,797			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			162,529	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			230,901 103,537	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			147.557	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			152,972	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			170,584	-	84,145	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			199,691 189,813	-		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			145,212			
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			182,639	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			241,330 352,357	-	106,270	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			96.536		100,270	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			188,695	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	639701 653401	-	11,032	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	HEALTH RESEARCH INC HEALTH RESEARCH INC	654301		32,309 41.258		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	664101	-	22,064	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	HEALTH RESEARCH INC	665202	-	7,092	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	HEALTH RESEARCH INC HEALTH RESEARCH INC	665203 683701		32,117 42,553		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	712701		6,306		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	725701	-	20,488		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	HEALTH RESEARCH INC HEALTH RESEARCH INC	727501 745601	-	19,606 4.229	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	HEALTH RESEARCH INC	743001	136.894	4,229		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			9,594	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	MAGEE-WOMENS RESEARCH INSTITUTE AND FOUNDATION	9167	-	102,842	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	UNIVERSITY OF SOUTHERN CALIFORNIA DUKE UNIVERSITY	94044963 A034260SPS261113		18,933 5,281		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	EMORY UNIVERSITY	A412947		70,778		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	UNIVERSITY OF PITTSBURGH	AWD00006030 (137978-1)	-	128,469	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	UNIVERSITY OF MARYLAND BALTIMORE	F3014883		194,532	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	BENAROYA RESEARCH INSTITUTE AT VIRGINIA MASON	FY22ITN546 BEAT-MS	30,563	19.189	:	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	COLORADO STATE UNIVERSITY	G0604801		77,934	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	BOSTON CHILDRENS HOSPITAL	GENFD0002205629 H009053301	-	9,277	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	REGENTS OF THE UNIVERSITY OF MINNESOTA	H009053301	5.559	108,178		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			113,404	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	JOHNS HOPKINS UNIVERSITY	IMPAACT		607,750		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	INSTITUTE FOR CLINICAL RESEARCH INCORPORATED KATHERA BIOSCIENCE INCORPORATED	N/A N/A		929 11,283		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	EMORY UNIVERSITY	PO A821150		28,035		
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	FAMILY HEALTH INTERNATIONAL	PO#22002892	-	80,889	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	FAMILY HEALTH INTERNATIONAL	PO21000818	542,424	2,828	159.835	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			72,420		139,033	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			87,214	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			50,600	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855			121,227 124,757	-	11,353	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			216,283	-	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855			42,102		-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855	UNIVERSITY OF SOUTHERN CALIFORNIA	SCON0003844	-	23,699	-	
ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH ALLERGY, IMMUNOLOGY AND TRANSPLANTATION RESEARCH	93.855 93.855	UNIVERSITY OF ROCHESTER UNIVERSITY OF MICHIGAN	SUB00000123AM3URFAOGR531299 SUBK00019360	-	32,338 51.846	-	24,440,514
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	MOUNT SINAI SCHOOL OF MEDICINE	0255-6993-4609	-	78,472	-	,
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	0255G0014609	-	18,831	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	MOUNT SINAI SCHOOL OF MEDICINE	0255G0014609	3 832	9,716	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			46,586	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			16,645	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					Tatal
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
		rado unough ontry name	- 1 and through number	Схропакаго	<u> </u>	to dabi corpiento	reacrar grantor
RESEARCH AND DEVELOPMENT CLUSTER: BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			\$ 36,482	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	COLUMBIA UNIVERSITY	1GG01686301 SAPO:G15478	- 00,402	68,901		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			436,085		341,544	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			62,505	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			95,043 205,281	-	-	
BIOMEDICAL RESEARCH AND RESEARCH I RAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			766 150			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			343.863	_	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			220,654	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			437,782	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			268,549 388 908	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			388,908 112,469	-	154,626	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			29.558			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			231,368	-	2,581	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			8,797	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			79,226	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			(530) 124,189	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			75,099			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			150,621			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			125,647	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			147,630	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			20,560 330 988	-	-	
BIOMEDICAL RESEARCH AND RESEARCH I RAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			350,988		-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			403.247	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			409,294	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			411,028	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			527,738 464 977	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			464,977 202.963	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			473 110			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			338,494			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			302,016	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			298,792	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			337	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			255,936 360,321	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			294.938			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			38,943	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			136,740	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			154,817	-	9,836	
BIOMEDICAL RESEARCH AND RESEARCH I RAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			413,264 (72)	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SYRACUSE UNIVERSITY	3079505389S01	(12)	910	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	SYRACUSE UNIVERSITY	31894-05994-S01	-	21,558	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			358,431	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			352,993 307,511	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			23.344			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5117367	20,011	21.064	_	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5121024	-	97,133	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	CYTOSORBENTS CORPORATION	521-220829		33,405	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			31,862 (631)	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			154,084		37,275	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			4,360	_	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			3,247	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			16,872	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			(279) 133.962	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			443,522	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			300,316	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			43,762	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			382,053	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			1,698 (280)	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			(280) 637 088	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			20,037			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			245,738	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			(51,178)	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			240,817 10,632	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			350,604			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			225,132	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			1,320	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			141,921	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			80,948 193 593	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			193,593	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			182,326	-	133,512	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			(6,262)	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			245,523	-	77,980	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			56,626 87,837	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			87,837 185.119	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			357,236	-	-	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

	Assistance listing			Direct	Pass- through	Passed- through	expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:						00.105	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			\$ 123,479 139,991		98,195	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			202.432	-	17,000	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			9,686	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			211,080	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			252,431 431,411			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			259,890	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			588,392	-	325,365	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			333,929 128.301	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			126,301			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			126,147			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			207,968	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			325,340	-	112,577	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			84,171 87,255		-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			291,837	-	91,070	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			870,458	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			281,495	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			442,463 558 161	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			545,897	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			184,701	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			367,166	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			503,121 465.224	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			378,217	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			633,662	-	96,290	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			426,154	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			612,340 427,823	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			458.288	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			441,874	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			450,131	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			370,306 478.481	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			129 988	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			238,955	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			491,594	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			1,253,718 124,717	-	305,148	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			31.844	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			867,270	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			7,491	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			24,524 125,261	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			14.395			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			236,847	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			307,233	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			107,407	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			21,067 314,341			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			452,705			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			17	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	HEALTH RESEARCH INC	712101	447,882	40 143	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	HEALTH RESEARCH INC	747701		4,069		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			136,446	-	43,243	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	UNIVERSITY OF MARYLAND	89648Z0317201	-	4,455	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	TAMBO INCORPORATED LONGWAVE PHOTONICS	EXHIBITA1 N/A	-	2,323 90,742	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859	VIC TECHNOLOGY VENTURE DEVELOPMENT	N/A		71,326		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			159,418		-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			173,458	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			136,946 197,073	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			442.784			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			346,581	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			380,673	-	148,204	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			2,562 157.820	-	-	
BIOMEDICAL RESEARCH AND RESEARCH I RAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			157,820 68,626			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			188,860	-		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			123,938	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			247,232	-	20.555	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859			317,550 555 144	-	38,555	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			281,504	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			143,017	-	-	
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER	RF00048-SUB00125 RS2017109702	-	8,018 14,571	-	39,107,816
BIOMEDICAL RESEARCH AND RESEARCH TRAINING CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.859 93.865	BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA BROWN UNIVERSITY	RS2017109702 00002064	-	14,571 17.901	-	39,107,810
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	HARVARD UNIVERSITY	114205 1576 5096812	-	1,702	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	HARVARD UNIVERSITY	117267 0275 5119385	-	39,404	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	HARVARD UNIVERSITY HARVARD UNIVERSITY	117267 0276 5119387 117267 0375 5119385	-	63,955 128,918	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	HARVARD UNIVERSITY	117267 0375 5119365	-	305,250	-	
					,		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	REGENTS OF THE UNIVERSITY OF CALIFORNIA	1644GWA147	\$ - 27,134	4,100	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			798			
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			198,755	-	39,184	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			205,153	-	13,190	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			324,006 235,783	-	54,534	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			200,869		11,514	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			23,941	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			99,450 15,583			
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			4,222		-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			23,473	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			14,255 53,684	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			36		-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			983	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	JOHNS HOPKINS UNIVERSITY RUTGERS UNIVERSITY	2005286386 2258 PO:25242849	-	6,887 33,076	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	3000550403	-	48.493	- :	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	CHILDRENS RESEARCH INSTITUTE	30005719-02		1,012	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	SYRACUSE UNIVERSITY UNIVERSITY OF ROCHESTER	3106205610S01 417754	-	40,210 96 301	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	MEDSTAR HEALTH RESEARCH INSTITUTE	5003059041	-	65,748		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	WESSTATTISCH TITCES WOTT TOTE	000000041	36,122	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			11,085	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			37,908 238.761			
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			548,189	-	332,257	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			352,350	-	265,383	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			27,498 259,220	-	190,601	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			259,220 411,980		190,001	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			564,243	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			877,245	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			292,559 5,305	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			91,452	-	11,373	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			7,975	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865			5,760 58,579	-	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865			21,779	-	4,340	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	NORTHWESTERN UNIVERSITY	60055120SUNY	-	4,357		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	PHOENIX CHILDREN'S HOSPITAL TRUSTEES OF INDIANA UNIVERSITY	FRYE1804 PO057528	-	7,643 228 749		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF COLORADO	PO1001633892 FY221137002	-	6,214		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	R01HD094793 COLUM-0000125557		15,243	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	RAND CORPORATION GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION	SCON0000394 SP0001399301	-	20,957 23,017	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	SYRACUSE UNIVERSITY	SP13167105757S01		274,624		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	UNIVERSITY OF GEORGIA	SUB00001558		77,009	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865 93.865	UNIVERSITY OF GEORGIA REGENTS OF THE UNIVERSITY OF MICHIGAN	SUB00001865 SUBK00015257	-	179,029 23,814	-	
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865	TULANE UNIVERSITY OF MICHIGAN	TULHSC5591322021	-	54,626		7,044,374
AGING RESEARCH	93.866	UNIVERSITY OF ALABAMA BIRMINGHAM	000520235-SC003	-	135,725	-	7,044,074
AGING RESEARCH	93.866	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI OREGON HEALTH & SCIENCE UNIVERSITY	0255D1314609 1016831STONYBROOK	-	229,274 86 261	-	
AGING RESEARCH AGING RESEARCH	93.866	TUFTS UNIVERSITY	1016831STONYBROOK 10374100001	-	12,709	-	
AGING RESEARCH	93.866	COLUMBIA UNIVERSITY	12(GG015822-06)	-	4,686	-	
AGING RESEARCH	93.866	UNIVERSITY OF SOUTHERN CALIFORNIA	1223346006R01G04799202		25	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	UNIVERSITY OF SOUTHERN CALIFORNIA COLUMBIA UNIVERSITY	126095052 13(GG015822-05)	-	45,536 26,866	-	
AGING RESEARCH	93.866			256,366		-	
AGING RESEARCH	93.866			9,097	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			75,222 772,861	-	19,790	
AGING RESEARCH	93.866			424,619	-	10,700	
AGING RESEARCH	93.866			423,253	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			845,276 145,989		322,251 131,114	
AGING RESEARCH	93.866			147,089	-	-	
AGING RESEARCH	93.866			439,375	-	257,448	
AGING RESEARCH	93.866 93.866			132,551 283,863	-	26,949	
AGING RESEARCH AGING RESEARCH	93.866 93.866			283,863 278,430	-	-	
AGING RESEARCH	93.866			63,474	-	-	
AGING RESEARCH	93.866			114,294	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			22,179 222,914	-	-	
AGING RESEARCH AGING RESEARCH	93.866			160,924		32,108	
AGING RESEARCH	93.866			194,070	-	79,650	
AGING RESEARCH AGING RESEARCH	93.866 93.866			4,828 30,265	-	-	
AGING RESEARCH	93.866			30,265	-	-	
AGING RESEARCH	93.866			202,975	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			212,659 1,014,658	-	-	
AGING RESEARCH	93.866			428,644	-	-	
				.,,,,,			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
	listing			Direct	through	through	by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
AGING RESEARCH	93.866	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	2000001004749 PO M210397209	\$ -	4,167	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	JOHNS HOPKINS UNIVERSITY NATIONAL JEWISH HEALTH	2005217464 20132101SUNYDOWNSTATE	-	1,636 3.567	-	
AGING RESEARCH	93.866		2013210130N1DOWNSTATE	16,409	3,307		
AGING RESEARCH AGING RESEARCH	93.866	DUKE UNIVERSITY	303001104	-	79,427	-	
AGING RESEARCH	93.866	SYRACUSE UNIVERSITY UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	3114905686S06	-	495	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	UNIVERSITY OF RENTUCKY RESEARCH FOUNDATION	320000222319097	679,984	173,503		
AGING RESEARCH	93.866			81,421	-	77,192	
AGING RESEARCH	93.866	TRUSTEES OF BOSTON UNIVERSITY	4500003795		41,499	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	TRUSTEES OF BOSTON UNIVERSITY	4500004524	16.033	14,860	-	
AGING RESEARCH	93.866			16,033	-		
AGING RESEARCH	93.866			101,447	-		
AGING RESEARCH	93.866			1,901,797	-	-	
AGING RESEARCH	93.866			33,356	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			94,518 90,232			
AGING RESEARCH	93.866			595,011			
AGING RESEARCH	93.866			529,401	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			473,648 656,397	-	171,667 431,026	
AGING RESEARCH	93.866			868 661		670.777	
AGING RESEARCH	93.866			517,486		-	
AGING RESEARCH	93.866			667,342	-	-	
AGING RESEARCH	93.866			249,531 442.822	-	108,335	
AGING RESEARCH AGING RESEARCH	93.866 93.866			442,822 834,944	-	-	
AGING RESEARCH	93.866			413,805		-	
AGING RESEARCH	93.866			436,777	-	17,272	
AGING RESEARCH AGING RESEARCH	93.866 93.866			308,320 841,622	-	70,824	
AGING RESEARCH	93.866			256 956		70,824	
AGING RESEARCH	93.866			1,610			
AGING RESEARCH	93.866			70,152	-	-	
AGING RESEARCH	93.866			90,743	-	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866			5,559 99,718	-	-	
AGING RESEARCH	93.866			46,578	-	-	
AGING RESEARCH	93.866			299,110	-	-	
AGING RESEARCH	93.866			214,931	-	16,871	
AGING RESEARCH AGING RESEARCH	93.866 93.866	REGENTS OF THE UNIVERSITY OF CALIFORNIA. SAN DIEGO	704583	23,733	13 066	-	
AGING RESEARCH	93.866	REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO	704803		246,273	-	
AGING RESEARCH	93.866	,,		79,368		9,230	
AGING RESEARCH	93.866	CORNEL INVESTORY	20000 20700	49,161	-	2,700	
AGING RESEARCH AGING RESEARCH	93.866 93.866	CORNELL UNIVERSITY CORNELL UNIVERSITY	89820-20736 89820-20737	-	22,064 32,469	-	
AGING RESEARCH	93.866	REGENTS OF THE UNIVERSITY OF MINNESOTA	A009270001		61,118	-	
AGING RESEARCH	93.866	DUKE UNIVERSITY	A035297	-	22,265	-	
AGING RESEARCH	93.866	SEATTLE INSTITUTE FOR BIOMEDICAL AND CLINICAL RESEARCH	CD39SUNYALB1	-	601	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	SEATTLE INSTITUTE FOR BIOMEDICAL AND CLINICAL RESEARCH UNIVERSITY OF MASSACHUSETTS CHAN MEDICAL SCHOOL	CD39SUNYALB2 OSP27336P10	-	11,987 32.875	-	
AGING RESEARCH	93.866	FD NEUROTECHNOLOGIES INCORPORATED	R43AG071045UB	-	23,497	-	
AGING RESEARCH	93.866	UNIVERSITY OF SOUTHERN CALIFORNIA	SCON-00003473	-	3,509	-	
AGING RESEARCH	93.866	UNIVERSITY OF SOUTHERN CALIFORNIA	SCON00003254	-	1,436	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	UNIVERSITY OF SOUTHERN CALIFORNIA SYRACUSE UNIVERSITY	SCON0004024 SP31149306030S05	-	16,542 2,690	-	
AGING RESEARCH	93.866	SYRACUSE UNIVERSITY	SP31149506284S01		17,622	-	
AGING RESEARCH	93.866	SYRACUSE UNIVERSITY	SP31149506284S05	-	29,857	-	
AGING RESEARCH	93.866	SYRACUSE UNIVERSITY	SP31149506284S06	-	29,607	-	
AGING RESEARCH AGING RESEARCH	93.866 93.866	NORTHERN CALIFORNIA INSTITUTE FOR RESEARCH AND EDUCATION ROCKEFELLER UNIVERSITY	STE219617 SUB00000334		7,191 5,805		
AGING RESEARCH	93.866	UNIVERSITY OF GEORGIA	SUB00001452		17.366	-	
AGING RESEARCH	93.866	WAYNE STATE UNIVERSITY	WSU22186	-	77,651	-	20,671,999
VISION RESEARCH	93.867	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000518417001SC001	-	70,430	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867	ADVANCED VISION TECHNOLOGIES INCORPORATED COLUMBIA UNIVERSITY	001 1(GG015126-01)		65,557 82,726	-	
VISION RESEARCH	93.867	DOHENY EYE INSTITUTE	14669SUNY		15,709	-	
VISION RESEARCH	93.867	DOHENY EYE INSTITUTE	18554SUNY	-	58,365	-	
VISION RESEARCH	93.867	NEW YORK UNIVERSITY	19A1001002612 114209	-	(21,124)	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867	NEW YORK UNIVERSITY	19A1001002612 PO#M210372221	230,545	304,904	-	
VISION RESEARCH	93.867			402.078		-	
VISION RESEARCH	93.867			399,750	-	120,223	
VISION RESEARCH	93.867			165,397	-	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			320,734 462.060	-	196,086	
VISION RESEARCH VISION RESEARCH	93.867			462,060 250,702	-	190,000	
VISION RESEARCH	93.867			(230)	-	-	
VISION RESEARCH	93.867			6,743	-	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			84,581 171,020	-	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			171,020 60,505	-	-	
VISION RESEARCH	93.867			32,733	-	-	
VISION RESEARCH	93.867	WEST VIRGINIA UNIVERSITY	20192SUNY	-	25,953	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			45,371 456,032	-	52,055	
VIOLON INCOCATION	93.007			450,032	-	32,035	

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:							
VISION RESEARCH	93.867			\$ 350,202	_	_	
VISION RESEARCH	93.867			79,537	-	-	
VISION RESEARCH	93.867			318,350	-	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	5107166 585184	-	(46,356) 130,342	-	
VISION RESEARCH	93.867	TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	383184	167.160	130,342		
VISION RESEARCH	93.867			477.430	-	-	
VISION RESEARCH	93.867			171,073	-	-	
VISION RESEARCH	93.867			880	-	-	
VISION RESEARCH	93.867			402,452	-	4.040	
VISION RESEARCH VISION RESEARCH	93.867 93.867			195,710 60,307	-	1,346	
VISION RESEARCH	93.867			14.393			
VISION RESEARCH	93.867			(29,779)	-		
VISION RESEARCH	93.867			477,545	-	143,756	
VISION RESEARCH	93.867			357,996	-	-	
VISION RESEARCH VISION RESEARCH	93.867 93.867			144,303 115.903	-	-	
VISION RESEARCH	93.867			308,733	-	-	
VISION RESEARCH	93.867			243,492	-	114,459	
VISION RESEARCH	93.867			274,864	-	-	
VISION RESEARCH	93.867			557,134	-	23,105	
VISION RESEARCH	93.867			351,991	-	140,641	
VISION RESEARCH VISION RESEARCH	93.867 93.867			582,508 445,272	-	37,824	
VISION RESEARCH	93.867			354,931	-	31,024	
VISION RESEARCH	93.867			328,583			
VISION RESEARCH	93.867			216,701	-	12,549	
VISION RESEARCH	93.867			23,748	-	-	
VISION RESEARCH	93.867	LINE SERVICE ADVICANT	643797	18,322		-	
VISION RESEARCH VISION RESEARCH	93.867 93.867	UNIVERSITY OF ARIZONA DUKE UNIVERSITY	A033408	-	41,113 28,407	-	
VISION RESEARCH	93.867	JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	AUS3406 ATS20		1,331		
VISION RESEARCH	93.867	JAEB CENTER FOR HEALTH RESEARCH INCORPORATED	U10EY11751	-	9,153	_	10,864,272
MEDICAL LIBRARY ASSISTANCE	93.879	BRIGHAM AND WOMENS HOSPITAL	123907	-	65,432	-	
MEDICAL LIBRARY ASSISTANCE	93.879			20,602	-	-	
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879			98,019	-	-	
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879 93.879			405,654 20 488	-	17,893	
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879			207.597	-		
MEDICAL LIBRARY ASSISTANCE	93.879			(8,781)	-		
MEDICAL LIBRARY ASSISTANCE	93.879			209,210	-	39,559	
MEDICAL LIBRARY ASSISTANCE	93.879	TRUSTEES OF INDIANA UNIVERSITY	IN4687289SUNY	-	20,693	-	
MEDICAL LIBRARY ASSISTANCE	93.879	UNIVERSITY OF IOWA	\$0378301	-	29,614	-	1,068,528
NATIONAL BIOTERRORISM HOSPITAL PREPAREDNESS PROGRAM SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE	93.889 93.928	HEALTH RESEARCH INC AIDS UNITED	7228-01 3031018AU	-	87,446 115,903	5,594	87,446 115,903
BLOCK GRANTS FOR COMMUNITY MENTAL HEALTH SERVICES	93.958	HERKIMER COUNTY	RESOLUTION 262		120,757	3,394	120,757
PRIMARY CARE MEDICINE AND DENTISTRY CLINICIAN EDUCATOR CAREER DEVELOPMENT AWARDS	93.976	· - · · · · · · · · · · · · · · · · · ·		147,395		142,929	
PRIMARY CARE MEDICINE AND DENTISTRY CLINICIAN EDUCATOR CAREER DEVELOPMENT AWARDS	93.976			41,753	-	-	189,148
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			31,729	-	-	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989 93.989			173,916 20,018	-	-	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			20,018		28 098	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			174.539	_	103.699	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			118,486	-	14,296	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989			222,248	-	162,156	
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989	PARTNERSHIP FOR RESEARCH AND ACTION FOR HEALTH	NIHFICSA202001	-	84,956	-	1,097,459
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994 93.994	NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF HEALTH	C32360GG DOH01C32134GG3450000	-	58,482 191.352	-	
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994	NYS DEPARTMENT OF HEALTH	DOH01C37591GG3450000		160.425		410,259
				040 000 740	00 540 507	34,618,670	
Total U.S. Department of Health and Human Services				243,000,749	28,542,567	34,018,070	271,543,316
Corporation for National and Community Service: AMERICORPS	94.006	ARIZONA BOARD OF REGENTS	ASUB00001166		14,226		14,226
NATIONAL SERVICE AND CIVIC ENGAGEMENT RESEARCH COMPETITION	94.006	ARIZUNA BUARD OF REGEN 15	ASUB00001100	9,294	14,220	-	14,220
NATIONAL SERVICE AND CIVIC ENGAGEMENT RESEARCH COMPETITION NATIONAL SERVICE AND CIVIC ENGAGEMENT RESEARCH COMPETITION	94.026			79.420	-	-	88 714
	34.020						
Total Corporation for National and Community Service				88,714	14,226		102,940
Social Security Administration:							
SOCIAL SECURITY RESEARCH AND DEMONSTRATION	96.007	TRUSTEES OF BOSTON COLLEGE	5107173BC21S3	-	11,590	-	40.000
SOCIAL SECURITY RESEARCH AND DEMONSTRATION	96.007	NATIONAL BUREAU OF ECONOMIC RESEARCH	514600501NB2308STONYBROOK		7,699		19,289
Total Social Security Administration					19,289		19,289
U.S. Department of Homeland Security:							
DEPARTMENT OF HOMELAND SECURITY	97.000			854,994	-	-	
DEPARTMENT OF HOMELAND SECURITY	97.000			328,816	-	-	
DEPARTMENT OF HOMELAND SECURITY	97.000	GEORGE MASON UNIVERSITY	E2057071	-	23,347	-	1,207,157
ASSISTANCE TO FIREFIGHTERS GRANT COOPERATING TECHNICAL PARTNERS	97.044 97.045	UNIVERSITY OF ARIZONA	645741	15,510	38,979	-	38,979
COOPERATING TECHNICAL PARTNERS COOPERATING TECHNICAL PARTNERS	97.045 97.045			15,510 50,543	-	-	66,053
CENTERS FOR HOMELAND SECURITY	97.061	UNIVERSITY OF NEBRASKA OMAHA	4401081001425	-	162,100	-	00,000
CENTERS FOR HOMELAND SECURITY	97.061	UNIVERSITY OF NEBRASKA OMAHA	4401081001426	-	106,806	-	
CENTERS FOR HOMELAND SECURITY	97.061	NORTHEASTERN UNIVERSITY	50524578054	-	269,841	-	
CENTERS FOR HOMELAND SECURITY CENTERS FOR HOMELAND SECURITY	97.061	ARIZONA BOARD OF REGENTS	ASUB00000362		272,820	-	050 700
	97.061	ARIZONA BOARD OF REGENTS	ASUB00001211		47,163	<u>-</u>	858,730
Total U.S. Department of Homeland Security				1,249,863	921,056		2,170,919

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
RESEARCH AND DEVELOPMENT CLUSTER:	- Indinizer	- add anough charty hame	- add through number	Схронакаго	experience	to subi corpiento	rodordi grantoi
U.S. Agency for International Development (USAID):							
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001	MAGEE-WOMENS RESEARCH INSTITUTE AND FOUNDATION	9769	\$ -	173,219		173,219
Total U.S. Agency for International Development (USAID)					173,219		173,219
TOTAL RESEARCH AND DEVELOPMENT CLUSTER				447.892.651	79.286.569	84.706.288	527,179,220
477 CLUSTER:							
U.S. Department of Health and Human Services:							
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005309 C003860		(7) 2,977,179	-	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	-	56,116	-	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558	ESSEX COUNTY DEPARTMENT OF SOCIAL SERVICES FRANKLIN COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A N/A	-	59,330 66.720		3 159 338
Total U.S. Department of Health and Human Services	33.330	TOWNSELV COOKET BELANTIMENT OF GOODAE SERVICES	1975		3,159,338		3.159.338
·							
TOTAL 477 CLUSTER					3,159,338		3,159,338
CCDF CLUSTER: U.S. Department of Health and Human Services:							
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005531		(157)	_	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY	C002773 PO120461947	-	136,663	136,663	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY	C002773 PO120461947 C003155		(41,965) 302.316	215.878	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	STONY BROOK UNIVERSITY	C003573	-	373,849		
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	STONY BROOK UNIVERSITY STATE UNIVERSITY OF NEW YORK	C003574 C003833	-	27,551 47,100	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C003833 C005397	-	47,100 (1,425)	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005529		(1,275)	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C029242 C190192	-	429,922	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200122		(531)		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C200134		(1,363)	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210061 C210076	-	214,641 183,441	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210078	-	252,053	187,064	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210079	-	729,192	· -	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210081 C210082	:	3,425,778 380.994	:	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210083	-	662,218	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220100 C220101	-	284,147 1.008.643	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220101		1,006,643		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220123	-	197,805	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220124 C220125	-	51,601 18.166	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220125	-	697.567	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220128	-	5,287,463	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220129 C220130		328,941 601,983		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C220130	-	64,639	-	
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		1,156,273	1,084,668	17,009,976
Total U.S. Department of Health and Human Services					17,009,976	1,624,273	17,009,976
TOTAL CCDF CLUSTER					17,009,976	1,624,273	17,009,976
CHILD NUTRITION CLUSTER:							
U.S. Department of Agriculture: SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	10 559	NYS EDUCATION DEPARTMENT	N/A	_	1 791	_	
SUMMER FOOD SERVICE PROGRAM FOR CHILDREN	10.559	NYS EDUCATION DEPARTMENT	N/A		26,168		27,959
Total U.S. Department of Agriculture					27,959		27,959
TOTAL CHILD NUTRITION CLUSTER				_	27,959	-	27,959
ECONOMIC DEVELOPMENT CLUSTER:							
U.S. Department of Commerce: ECONOMIC ADJUSTMENT ASSISTANCE							
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307 11.307			82,728 202,450	-	33,625	
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307			202,450 79,334	-	7,600	
ECONOMIC ADJUSTMENT ASSISTANCE	11.307			100,519	-	91,019	
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307			575,636	-	165,257	
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307 11.307	EMPIRE STATE DEVELOPMENT CORP	N/A	2,215	36,983		1,079,865
Total U.S. Department of Commerce				1,042,882	36,983	297,501	1,079,865
TOTAL ECONOMIC DEVELOPMENT CLUSTER				1,042,882	36,983	297,501	1,079,865
HIGHWAY SAFETY CLUSTER:				1,042,002	30,303	201,001	1,073,000
U.S. Department of Transportation:							
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002562 C002564	-	107,115 226,295	-	
STATE AND COMMUNITY HIGHWAY SAFETY STATE AND COMMUNITY HIGHWAY SAFETY	20.600 20.600	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002564 C002599	-	226,295 54.456	-	
STATE AND COMMUNITY HIGHWAY SAFETY	20.600	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002608	=	297,673	-	
STATE AND COMMUNITY HIGHWAY SAFETY STATE AND COMMUNITY HIGHWAY SAFETY	20.600 20.600	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002610 C002655	-	667,238 54,372	-	1,407,149
NATIONAL PRIORITY SAFETY PROGRAMS	20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002560	-	67,611		1,407,149
NATIONAL PRIORITY SAFETY PROGRAMS	20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002561	-	37,928	-	
NATIONAL PRIORITY SAFETY PROGRAMS NATIONAL PRIORITY SAFETY PROGRAMS	20.616 20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002563 C002606	-	141,833 8,518	-	
	20.010	22.2 IVATIO GALLI GOMMITIEE	3002000	-	3,310		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
HIGHWAY SAFETY CLUSTER:							
NATIONAL PRIORITY SAFETY PROGRAMS NATIONAL PRIORITY SAFETY PROGRAMS	20.616 20.616	NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002607 C002609	\$ -	269,231 436,394	-	961,515
Total U.S. Department of Transportation					2,368,664		2,368,664
TOTAL HIGHWAY SAFETY CLUSTER					2,368,664		2,368,664
SNAP CLUSTER:					2,000,004		2,300,004
U.S. Department of Agriculture: SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM							
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551 10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C210064 C210066	-	1,104,059 389,961	-	
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C210067	-	366,134	-	
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551 10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220115 C220116	-	903,589 434,880	-	
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220119	-	322,306	-	
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551 10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	HRA02 OTSS T7	-	279,310 2,547	-	
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	TBD	-	2,315,144	-	6,117,930
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C210065	-	151,289	-	
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561 10.561	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220113 TDA01C00919GG3410000	-	104,024 140,815	-	396,128
Total U.S. Department of Agriculture	10.301	NTO OTTICE OF TEMPONANTA & BIOABIETT AGGISTANCE	15401000313003410000		6,514,058	-	6,514,058
TOTAL SNAP CLUSTER							
TOTAL SNAP CLUSTER SPECIAL EDUCATION CLUSTER (IDEA):					6,514,058		6,514,058
U.S. Department of Education:							
SPECIAL EDUCATION GRANTS TO STATES	84.027	NYS EDUCATION DEPARTMENT	C014035	-	522,043	-	
SPECIAL EDUCATION GRANTS TO STATES SPECIAL EDUCATION GRANTS TO STATES	84.027 84.027	NYS EDUCATION DEPARTMENT MULTIPLE SPONSORS	MOU # 019-007 N/A	-	240,978 145.005	-	908 026
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173	NEW YORK CITY DEPARTMENT OF EDUCATION	N/A		79,706		79,706
Total U.S. Department of Education					987,732		987,732
TOTAL SPECIAL EDUCATION CLUSTER (IDEA)					987,732		987,732
STUDENT FINANCIAL ASSISTANCE CLUSTER:							
U.S. Department of Health and Human Services:							
NURSE FACULTY LOAN PROGRAM (NFLP)	93.264			50,000			50,000
Total U.S. Department of Health and Human Services				50,000			50,000
TOTAL STUDENT FINANCIAL ASSISTANCE CLUSTER				50,000			50,000
TRIO CLUSTER: U.S. Department of Education:							
TRIO STUDENT SUPPORT SERVICES	84.042			281,223	-	-	
TRIO STUDENT SUPPORT SERVICES TRIO STUDENT SUPPORT SERVICES	84.042 84.042			706,026 273,928	-		
TRIO STUDENT SUPPORT SERVICES TRIO STUDENT SUPPORT SERVICES	84.042 84.042			273,928 295,269	-	-	
TRIO STUDENT SUPPORT SERVICES	84.042			358,775	-	-	
TRIO STUDENT SUPPORT SERVICES TRIO STUDENT SUPPORT SERVICES	84.042 84.042			293,052 263,855	-	-	
TRIO STUDENT SUPPORT SERVICES	84.042			391,102			
TRIO STUDENT SUPPORT SERVICES	84.042			437,037	-	-	3,300,267
TRIO TALENT SEARCH	84.044 84.044			337,064 387,341	-	-	724 405
TRIO UPWARD BOUND	84.047			122,660	-	-	124,400
TRIO UPWARD BOUND	84.047 84.047			150,311 155,012	-	=	
TRIO UPWARD BOUND	84.047			174,292	-		
TRIO UPWARD BOUND	84.047			322,090	-	-	
TRIO UPWARD BOUND TRIO UPWARD BOUND	84.047 84.047			120,924 27,377	-	-	
TRIO UPWARD BOUND	84.047			355,586		-	
TRIO UPWARD BOUND	84.047			151,171	-	-	
TRIO UPWARD BOUND TRIO UPWARD BOUND	84.047 84.047			492,028 209,617	-	-	
TRIO UPWARD BOUND	84.047			428,281	-	-	
TRIO UPWARD BOUND TRIO UPWARD BOUND	84.047 84.047			153,695 421,800	-	-	
TRIO UPWARD BOUND	84.047			210,127			
TRIO UPWARD BOUND	84.047			22,618	-	-	
TRIO UPWARD BOUND TRIO UPWARD BOUND	84.047 84.047			169,632 25,726			3,712,947
TRIO EDUCATIONAL OPPORTUNITY CENTERS	84.066			50,782	-		50,782
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217			242,243 77,211	-	-	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			144,079	-		
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			171,939	-	-	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217			233,932 210,537	-	-	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			210,489	-	-	
TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217			167,670			1,458,100
Total U.S. Department of Education				9,246,501			9,246,501
TOTAL TRIO CLUSTER				9,246,501	-	-	9,246,501

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
OTHER PROGRAMS:							
OTHER PROGRAMS: U.S. Department of Agriculture:							
FARMERS MARKET AND LOCAL FOOD PROMOTION PROGRAM	10.175			\$ 175,247	-	-	175,247
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217 10.217			80,496 104,261	-	6.616	184.757
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM RURAL BUSINESS DEVELOPMENT GRANT	10.217			104,261 21.450	-	6,616	184,/5/
RURAL BUSINESS DEVELOPMENT GRANT	10.351			21,578	-	-	43,028
AGRICULTURE INNOVATION CENTER DEMONSTRATION PROGRAM SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.377 10.557	NYS DEPARTMENT OF HEALTH	DOH01C35512GG3450000	529,755	1,482,230	132,195	529,755 1,482,230
COOPERATIVE FORESTRY ASSISTANCE	10.664	NTS DEPARTMENT OF HEALTH	DOH01C35512GG3450000	(37)	1,462,230	-	(37)
STATE & PRIVATE FORESTRY COOPERATIVE FIRE ASSISTANCE	10.698	NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	C012640		13,440		13,440
Total U.S. Department of Agriculture				932,750	1,495,670	138,811	2,428,420
U.S. Department of Commerce:							
CLUSTER GRANTS TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.020 11.313			172,465 634,169	-	-	172,465
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS TRADE ADJUSTMENT ASSISTANCE FOR FIRMS	11.313			262.603	-		896.772
SEA GRANT SUPPORT	11.417			40,657	-	-	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			53,682 12,264	-		
SEA GRANT SUPPORT	11.417			44,058	-	-	
SEA GRANT SUPPORT	11.417			29,498	-	-	
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417			27,899 29,601	-	-	
SEA GRANT SUPPORT	11.417			29,696	-	-	267,355
EDUCATIONAL PARTNERSHIP PROGRAM	11.481	HOWARD UNIVERSITY	GRT00039210012450		4,239		4,239
MANUFACTURING EXTENSION PARTNERSHIP SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.611 11.620	MISSOURI ENTERPRISE JOHNS HOPKINS UNIVERSITY	70NANB20HL52 2004113019	-	10,000 174,850	-	10,000 174,850
Total U.S. Department of Commerce	11.020	SOURCE NOT TAKE STATE LIGHT	2004110010	1.336.592	189,089		1,525,681
U.S. Department of Defense:							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
DEPARTMENT OF DEFENSE	12.000	OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION	N/A	-	18,192	-	18,192
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC	12.300 12.630	NATIONAL SCIENCE TEACHERS ASSOCIATION	22871023	314,527	3,653	3,653	314,527
BASIC	12.630	NATIONAL SCIENCE TEACHERS ASSOCIATION	23871021	-	23,321	2,699	
BASIC	12.630	BATTELLE	US001-0000538406	-	1,516		28,490
GENCYBER GRANTS PROGRAM GENCYBER GRANTS PROGRAM	12.903 12.903			28,323 2,121	-		
GENCYBER GRANTS PROGRAM	12.903			85,994	-	-	116,438
CYBERSECURITY CORE CURRICULUM	12.905	REGENTS OF THE UNIVERSITY OF COLORADO	20144002		54,980		54,980
Total U.S. Department of Defense				430,965	101,662	6,352	532,627
U.S. Department of Housing and Urban Development:							
CONTINUUM OF CARE PROGRAM	14.267	HOMELESS ALLIANCE OF WESTERN NEW YORK	N/A		9,821		9,821
Total U.S. Department of Housing and Urban Development					9,821		9,821
U.S. Department of the Interior:							
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			1,107 23,253	-		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			12,676	-	-	
COOPERATIVE RESEARCH AND TRAINING PROGRAMS ? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945			41,807	-		
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945 15.945			78,412 71,704	-	-	228,959
Total U.S. Department of the Interior	10.040			228,959			228,959
U.S. Department of Justice:							
DEPARTMENT OF JUSTICE	16.000	ERIE COUNTY SHERIFF'S DEPARTMENT	2019RWBX0009	-	22,458	-	
DEPARTMENT OF JUSTICE GRANTS TO REDUCE DOMESTIC VIOLENCE, DATING VIOLENCE, SEXUAL ASSAULT,	16.000	STATE UNIVERSITY OF NEW YORK	C003385		91,623		114,081
AND STALKING ON CAMPUS	16.525			29,273	_	_	29,273
TITLE V DELINQUENCY PREVENTION PROGRAM	16.548	NYS DIVISION OF CRIMINAL JUSTICE SERVICES	C612357		27,353	-	27,353
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560 16.560			19,822 45,702	-	-	65,524
CRIME VICTIM ASSISTANCE	16.575	EMPIRE JUSTICE CENTER	C10949GG	45,702	47,030	-	00,024
CRIME VICTIM ASSISTANCE	16.575	UNITY HOUSE OF TROY INCORPORATED	UH31503	-	53,616	-	100,646
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS DRUG COURT DISCRETIONARY GRANT PROGRAM	16.582 16.585	NYS OFFICE OF VICTIM SERVICES UBMD FAMILY MEDICINE	C10867 N/A		168,573 59 154		168,573
DRUG COURT DISCRETIONARY GRANT PROGRAM	16.585	ERIE COUNTY DEPARTMENT OF MENTAL HEALTH	TBD	-	89,493	-	148,647
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM	16.738	NYS DIVISION OF CRIMINAL JUSTICE SERVICES NYS DIVISION OF CRIMINAL JUSTICE SERVICES	C445370		233,848		
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT PROGRAM CRIMINAL AND ILIVENIE FILISTICE AND MENTAL HEALTH COLL ABORATION PROGRAM	16.738 16.745	MID ERIE MENTAL HEALTH SERVICES	C445435 N/A	-	627,666 6.510	-	861,514 6,510
CRIMINAL AND JUVENILE JUSTICE AND MENTAL HEALTH COLLABORATION PROGRAM RECOVERY ACT - VOCA CRIME VICTIM ASSISTANCE DISCRETIONARY GRANT PROGRAM	16.807	NYS UNIFIED COURT SYSTEM	C250691	-	(187)	-	
RECOVERY ACT - VOCA CRIME VICTIM ASSISTANCE DISCRETIONARY GRANT PROGRAM	16.807	NYS UNIFIED COURT SYSTEM	C250691 2019MOBX0016		19,650		19,463
SECOND CHANCE ACT REENTRY INITIATIVE BODY WORN CAMERA POLICY AND IMPLEMENTATION	16.812 16.835	BESTSELF BEHAVIORAL HEALTH INCORPORATED	N/A	27,399	8,986	-	8,986 27,399
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838	ERIE COUNTY DEPARTMENT OF HEALTH	21365HE	-	70,964	-	21,000
COMPREHENSIVE OPIOID ABUSE SITE-BASED PROGRAM	16.838	COUNTY OF ALBANY	N/A	-	4,793	-	75,757
STOP SCHOOL VIOLENCE Total U.S. Department of Justice	16.839	LOCKPORT CITY SCHOOL DISTRICT	N/A	122,196	42,093 1,573,623		42,093 1,695,819
U.S. Department of Labor:				122,100	.,5,0,025		.,000,010
H-1B JOB TRAINING GRANTS	17.268			995,393	-	711,158	995,393
WORKFORCE INVESTMENT ACT (WIA) NATIONAL EMERGENCY GRANTS WORKFORCE INVESTMENT ACT (WIA) DISLOCATED WORKER NATIONAL RESERVE DEMONSTRATION GRANTS	17.277 17.280	WESTERN NY COUNCIL ON OCCUPATIONAL SAFETY & HEALTH	N/A	150,528	10,913	=	10,913
WORKFORCE INVESTMENT ACT (WIA) DISLOCATED WORKER NATIONAL RESERVE DEMONSTRATION GRANTS WORKFORCE INVESTMENT ACT (WIA) DISLOCATED WORKER NATIONAL RESERVE DEMONSTRATION GRANTS	17.280 17.280			150,528 466,606	-	-	617,134
WOMEN'S BUREAU	17.700			116,094	-	-	
WOMEN'S BUREAU	17.700			88,657			204,751
Total U.S. Department of Labor				1,817,278	10,913	711,158	1,828,191

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023									
	Assistance listing			Direct	Pass- through	Passed- through	expenditures by ALN and		
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor		
OTHER PROGRAMS:									
U.S. Department of State: DEPARTMENT OF STATE	19.000			\$ 57,365	-	-			
DEPARTMENT OF STATE EDUCATIONAL AND CULTURAL EXCHANGE PROGRAMS APPROPRIATION OVERSEAS GRANTS	19.000 19.022	POLUS CENTER FOR SOCIAL AND ECONOMIC DEVELOPMENT INSTITUTE OF INTERNATIONAL EDUCATION	SUNYFY22 3000287310	-	18,525 20,714	-	75,890 20,714		
GLOBAL THREAT REDUCTION	19.033	NOTIFIC OF INTERNATIONAL EDUCATION	3000207310	48,154	20,714	-	20,714		
GLOBAL THREAT REDUCTION GLOBAL THREAT REDUCTION	19.033 19.033			343,607 28,701	-	96,124	420,462		
PUBLIC DIPLOMACY PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040			18,818	-	-	122,132		
PUBLIC DIPLOMACY PROGRAMS	19.040 19.040			1,299 40,691	-		60,808		
NONPROLIFERATION AND DISARMAMENT FUND PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.224 19.415	INSTITUTE OF INTERNATIONAL EDUCATION	3000233478	90,451	3.777	-	90,451		
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SECAGD19CA0054	-	194,178	-			
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS - CITIZEN EXCHANGES	19.415 19.415	AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION AMERICAN COUNCIL FOR INTERNATIONAL EDUCATION	SECAGD20CA0027 SECAGD22CA0039	-	67,049 174,111	-	439,115		
AEECA/ESF PD PROGRAMS EXPORT CONTROL AND RELATED BORDER SECURITY	19.900 19.901	NETWORK 20/20	N/A	32,261	4,198	-	4,198		
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			30,873	-	-			
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901			16,473 127.378	-	2,128			
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			91,877 367,179	-	-			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901			367,179 262,123		65,028			
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901			73,727 124 072	-	2,356			
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901			192,788		31,078	1,318,751		
Total U.S. Department of State				1,947,837	482,552	196,714	2,430,389		
U.S. Department of Transportation:									
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205	RUTGERS UNIVERSITY NYS DEPARTMENT OF TRANSPORTATION	2619 PODOT010000006902		30,020 16,928		46,948		
Total U.S. Department of Transportation					46,948		46,948		
Department of Treasury:									
DEPARTMENT OF TREASURY VOLUNTEER INCOME TAX ASSISTANCE (VITA) MATCHING GRANT PROGRAM	21.000 21.009	ERIE COUNTY	N/A	15,000	58,659	-	58,659 15,000		
CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027 21.027	CITY OF BUFFALO CITY OF OSWEGO	221574 N/A	-	10,884 9.124	-			
CORONAVIRUS STATE AND LOCAL FISCAL RECOVERY FUNDS	21.027	WARREN COUNTY	N/A		34,695		54,703		
Total Department of Treasury				15,000	113,362		128,362		
Appalachian Regional Commission:									
APPALACHIAN REGIONAL DEVELOPMENT (SEE INDIVIDUAL APPALACHIAN PROGRAMS) APPALACHIAN AREA DEVELOPMENT	23.001 23.002	ALTERNATIVES VENTURE FUND	N/A	39,835	8,070	-	8,070		
APPALACHIAN AREA DEVELOPMENT APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND DEMONSTRATION PROJECTS	23.002 23.011	EAST TENNESSEE STATE UNIVERSITY	22.127-1-S1.1	12,626	3,693	-	52,461		
APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND DEMONSTRATION PROJECTS APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND DEMONSTRATION PROJECTS	23.011	EAST TENNESSEE STATE UNIVERSITY	22.121-1-31.1	6,841	3,093		10,534		
Total Appalachian Regional Commission				59,302	11,763		71,065		
Office of Personnel Management: INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM									
	27.011 27.011			11,926 19,514	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			865 14 553	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			35,033	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			30,154 36.338		-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			2,414	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			6,141 12,073	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			37,975 80.471	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			79,961	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			4,000 793	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			22,120	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			22,120 52,985	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			29,615 26,386	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			57,125	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			54,777 3.877	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			12,600 56.787	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			86,958	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			32,531 14,237		-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			33,743	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			49,000 33,142	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			68,531 50,346	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			82,215		-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			17,741 17 741	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			64,197	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			38,869 7,996	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			19,775	-	-			

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023									
	Assistance			Direct	Pass-	Passed-	Total expenditures		
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor		
OTHER PROGRAMS:									
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			\$ 67,652	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011 27.011			27,646 16,070	-	-			
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011			1,304	-	-	6 4 444 505		
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM Total Office of Personnel Management	27.011			1,228			\$ 1,441,525 1,441,525		
National Aeronautics and Space Administration:									
SCIENCE	43.001			6,850	-	-			
SCIENCE SCIENCE	43.001 43.001			7,804 42,050	-	-			
SCIENCE	43.001			41,213		-	97,917		
OFFICE OF STEM ENGAGEMENT (OSTEM) SPACE TECHNOLOGY	43.008 43.012	CORNELL UNIVERSITY	90830-20362	58,567	7,328	-	7,328 58,567		
Total National Aeronautics and Space Administration				156,484	7,328		163,812		
National Endowment for the Arts:									
PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS PROMOTION OF THE ARTS GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024 45.024			30,000 30,000	-		60.000		
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025	MID ATLANTIC ARTS FOUNDATION	2023-3023	30,000	12,000	-	60,000		
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025 45.025	MID ATLANTIC ARTS FOUNDATION MID ATLANTIC ARTS FOUNDATION	32391 34395	-	9,000 8.000	-			
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025	MID ATLANTIC ARTS FOUNDATION	34449	-	3,000	-			
PROMOTION OF THE ARTS PARTNERSHIP AGREEMENTS	45.025	MID ATLANTIC ARTS FOUNDATION HUMANITIES NEW YORK	ARTSCONNECT 2020-2021 #32343	-	6,400	-	38,400		
PROMOTION OF THE HUMANITIES FEDERAL/STATE PARTNERSHIP PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS	45.129 45.149	HUMANITIES NEW YORK	R220507799	116,804	3,881		3,881		
PROMOTION OF THE HUMANITIES DIVISION OF PRESERVATION AND ACCESS PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPENDS	45.149 45.160			5,467	-	-	122,271 31,256		
PROMOTION OF THE HUMANITIES FELLOWSHIPS AND STIPEINDS PROMOTION OF THE HUMANITIES RESEARCH	45.161			31,256 1,144	-	88	1,144		
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162			54,407	-	-			
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162 45.162			4,230 21,073	-				
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT	45.162 45.162			33,115	-	-	000 554		
PROMOTION OF THE HUMANITIES TEACHING AND LEARNING RESOURCES AND CURRICULUM DEVELOPMENT PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.162 45.163			93,726 89,342	-	-	206,551		
PROMOTION OF THE HUMANITIES PROFESSIONAL DEVELOPMENT	45.163	COCIAL COURNOR PEOFAPOLLOGUNION	N/A	2,958	99.763	-	92,300		
COVID-19 - PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.164 45.164	SOCIAL SCIENCE RESEARCH COUNCIL AMERICAN COUNCIL OF LEARNED SOCIETIES	N/A N/A	-	99,763 60,587	-	160,350		
PROMOTION OF THE HUMANITIES OFFICE OF DIGITAL HUMANITIES	45.169			2,842	-	-	2,842		
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM Total National Endowment for the Arts	45.313	UNIVERSITY OF WEST GEORGIA	115854AUB	516,364	3,057 205,688	88	3,057 722,052		
				310,304	203,000		722,002		
Small Business Administration: SMALL BUSINESS DEVELOPMENT CENTERS	59.037			1,492,586	_	_			
SMALL BUSINESS DEVELOPMENT CENTERS	59.037			2,970,564	-	2,161,813			
SMALL BUSINESS DEVELOPMENT CENTERS SMALL BUSINESS DEVELOPMENT CENTERS	59.037 59.037			1,864,321 3,772,589	-	1,270,029 3,250,954	10.100.060		
CONGRESSIONAL GRANTS	59.059			199,837			199,837		
Total Small Business Administration				10,299,897		6,682,796	10,299,897		
U.S. Veterans Administration:									
VA ASSISTANCE TO UNITED STATES PARALYMPIC INTEGRATED ADAPTIVE SPORTS PROGRAM VETERANS DEPENDENCY AND INDEMNITY COMPENSATION FOR SERVICE-CONNECTED DEATH	64.034 64.110			29,508 111	-	-	29,508 111		
Total U.S. Veterans Administration				29,619			29,619		
Environmental Protection Agency									
Environmental Protection Agency: LONG ISLAND SOUND PROGRAM LAKE CHAMPLAIN BASIN PROGRAM	66.437 66.481	NATIONAL FISH AND WILDLIFE FOUNDATION NEW ENGLAND INTERSTATE WATER POLLUTION CNTRL COMM	1401 20 070311 L S2022082	-	9,024 11,026	-	9,024 11,026		
Total Environmental Protection Agency	00.401	NEW ENGLAND INTERSTATE WATER FOLLOTION GNTRE COMM	L32022062		20.050		20,050		
U.S. Department of Energy:					20,030		20,030		
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049			28,779	_	-			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.049 81.124			476,296 370,308	-	-	505,075		
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.124 81.124			370,308 196,595	-	-	566,903		
Total U.S. Department of Energy				1,071,978			1,071,978		
U.S. Department of Education:									
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	LOUISIANA DEPARTMENT OF EDUCATION	2000434752	-	415,472	-			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	FLORIDA DEPARTMENT OF EDUCATION ALABAMA STATE DEPARTMENT OF EDUCATION	986-2172C-2PF01 C220422	-	125,199 38,499	-			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	ALABAMA STATE DEPARTMENT OF EDUCATION	C220423	-	21,959	-			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C403305 0035220022 C403305 0035230022	-	270,118 487,459	-			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403306 0035210002	-	(1)	-			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C403306 0035220002 C403306 0035230002	-	153,763 579,754	-			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403307 0035220037	-	229,577	-			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C403307 0035230037 C403308 0035220013	-	495,859 212,803	-			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C403308 0035230013	-	781,811	=			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C403309 0035220005 C403309 0035230005	-	228,116 818.602	-			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	NYS EDUCATION DEPARTMENT	C990489	-	526,238	13,122			
MIGRANT EDUCATION STATE GRANT PROGRAM MIGRANT EDUCATION STATE GRANT PROGRAM	84.011 84.011	NYS EDUCATION DEPARTMENT MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	C990558-3320203 CS181807001	-	1,812,370 761	52,488			
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011	KENTUCKY DEPARTMENT OF EDUCATION	PON5402200000742	-	938	-	7,199,297		

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

		Year Ended June 30, 2023					T-4-1
	Assistance				Pass-	Passed-	Total expenditures
Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures	through expenditures	through to subrecipients	by ALN and federal grantor
OTHER PROGRAMS:		•			-		·
NATIONAL RESOURCE CENTERS PROGRAM FOR FOREIGN LANGUAGE AND AREA STUDIES OR FOREIGN							
LANGUAGE AND INTERNATIONAL STUDIES PROGRAM AND FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM	84.015	UNIVERSITY OF MAINE AT ORONO	UMS1197	\$ -	101,769	_	
NATIONAL RESOURCE CENTERS PROGRAM FOR FOREIGN LANGUAGE AND AREA STUDIES OR FOREIGN	04.010	onvertor of management of the control	ome risi	•	101,100		
LANGUAGE AND INTERNATIONAL STUDIES PROGRAM AND FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM	84.015	UNIVERSITY OF MAINE AT ORONO	UMS1412	_	56,993	_	158,762
OVERSEAS PROGRAMS - GROUP PROJECTS ABROAD	84.021			25,802	-	-	25,802
HIGHER EDUCATION INSTITUTIONAL AID HIGHER EDUCATION INSTITUTIONAL AID	84.031 84.031			235,263 490,586		-	
HIGHER EDUCATION INSTITUTIONAL AID	84.031			377,752	-	-	1,103,601
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048 84.048	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	8000186890 8000206010		(11)	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000216100	-	(2,940)	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048 84.048	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	8000216995 8000226010	-	121 26,778	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000226060	-	10,520	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048 84.048	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	8000226100 8000226130	-	933 536	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000226870		(6,907)	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000226890	-	2,534	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048 84.048	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	8000226995 8000236010	-	13,196 342,333	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000236060	-	140,677	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048 84.048	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	8000236100 8000236130	-	92,113 167,423	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000236870	-	251,480	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES	84.048	NYS EDUCATION DEPARTMENT	8000236890	-	62,419	-	
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.048 84.116	NYS EDUCATION DEPARTMENT	8000236995	27.312	47,246	-	1,149,399
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION	84.116			12,960	-	-	40,272
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126 84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS EDUCATION DEPARTMENT	C005311 C013637	-	(455) 9,626	-	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C013637 C028449	-	21,867	-	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210084	-	402,794	-	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126 84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	C220131 N/A	-	372,844 11,137	-	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES	84.126	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	T012616	-	163	-	
REHABILITATION SERVICES VOCATIONAL REHABILITATION GRANTS TO STATES REHABILITATION LONG-TERM TRAINING	84.126 84.129	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	T012756	197.652	29,886	-	847,862 197.652
MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT PROGRAM	84.149			463,287	-	-	463,287
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES NATIONAL PROGRAMS	84.184	NIAGARA FALLS CITY SCHOOL DISTRICT	N/A	-	59,344	-	
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES NATIONAL PROGRAMS SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES NATIONAL PROGRAMS	84.184 84.184			103,953 38	-	-	
SAFE AND DRUG-FREE SCHOOLS AND COMMUNITIES NATIONAL PROGRAMS	84.184			121	-	-	163,456
EDUCATION FOR HOMELESS CHILDREN AND YOUTH EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196 84.196	EASTERN SUFFOLK BOCES EASTERN SUFFOLK BOCES	5212213093 5212213093 PO 23-05056	-	296	-	
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	5212213093 PO 23-05156	-	3,989	-	
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196	EASTERN SUFFOLK BOCES	5212213093 PO 23-05157	-	3,033	-	
EDUCATION FOR HOMELESS CHILDREN AND YOUTH EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196 84.196	EASTERN SUFFOLK BOCES EASTERN SUFFOLK BOCES	N/A PO 23-05069	-	(344)	-	7,083
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			42,298	-	-	
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200 84.200			58,453 93,427	-		
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			199,136	-	-	
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200 84.200			56,033 153,316	-	-	
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			163,782		-	
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200			117,448			883,893
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287 84.287	NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C013716 C403011		283,246 10,628	55,800	293,874
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305			936,181	-	728,806	936,181
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL SUPPORTING EFFECTIVE EDUCATOR DEVELOPMENT PROGRAM	84.335 84.423			151,786 204,652	-	27.396	151,786 204,652
EDUCATION STABILIZATION FUND	84.425	SUNY SYSTEM ADMINISTRATION	C003879	204,032	1,811,902	1,602,721	
EDUCATION STABILIZATION FUND	84.425	NYS EDUCATION DEPARTMENT	C014247		467,637	155,133	2,279,539
Total U.S. Department of Education				4,111,238	11,995,160	2,635,466	16,106,398
U.S. Department of Health and Human Services:							
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			81,341	-	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	233038SW	3,439,457	4.509	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	HEALTH RESEARCH INC	548706	-	58,267	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000	HEALTH RESEARCH INC	548707	0.400.005	50,215	-	
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	ISLAND PEER REVIEW ORGANIZATION	N/A	8,138,995	65.160		11,837,944
LIFESPAN RESPITE CARE PROGRAM	93.072	LIFESPAN OF GREATER ROCHESTER INCORPORATED	N/A	-	270,070	-	270,070
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074	HEALTH RESEARCH INC	4869-08	_	1.689	_	
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP)				-		· ·	
ALIGNED COOPERATIVE AGREEMENTS PREVENTION OF DISEASE	93.074 93.084	HEALTH RESEARCH INC	4869-09	855,192	44,393	586,772	46,082 855,192
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092	NYS DEPARTMENT OF HEALTH	DOH01C32087GG3450000	855,192	176,425	500,772	600, 192
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM	93.092	NYS DEPARTMENT OF HEALTH	DOH01C37673GG3450000	-	142,507	-	318,932
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	155002	_	64,722	_	
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL				-		-	
DISTURBANCES (SED) COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL	93.104	RESEARCH FOUNDATION FOR MENTAL HYGIENE	158418	-	228,837	-	
DISTURBANCES (SED)	93.104	CHAUTAUQUA COUNTY DEPARTMENT OF MENTAL HYGIENE	21-33-24/SUNY.19	-	208,128	_	501,687
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107			645,176		579,355	
AREA HEALTH EDUCATION CENTERS POINT OF SERVICE MAINTENANCE AND ENHANCEMENT AWARDS	93.107			764,386	-	536,722	1,409,562

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

					_		Total
	Assistance listing			Direct	Pass- through	Passed- through	expenditures by ALN and
Federal grantor/federal subdivision or pass-through grantor/Federal program	number	Pass-through entity name	Pass-through number	expenditures	expenditures	to subrecipients	federal grantor
OTHER PROGRAMS:							
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110 93.110			\$ 11,611 104.645	- :		
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			90,183			
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			2,135	-	-	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110			359,861	-	-	
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	93.110	LININ/EDOLTY OF DOOLIEGTED	CUIDOCCOCA MALICIDIDA CA	367,180	40.070	-	040 400
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS PREVENTIVE MEDICINE RESIDENCY	93.110 93.117	UNIVERSITY OF ROCHESTER	SUB00000186AM1/GR531648	7.506	10,878		946,493
PREVENTIVE MEDICINE RESIDENCY	93.117			415,545	-	-	
PREVENTIVE MEDICINE RESIDENCY	93.117			645	-	-	423,696
NURSE ANESTHETIST TRAINEESHIP	93.124			26,177	-	-	26,177
EMERGENCY MEDICAL SERVICES FOR CHILDREN AIDS EDUCATION AND TRAINING CENTERS	93.127 93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	10GG01490506 G15821	679,060	10,030	504,806	679,060
AIDS EDUCATION AND TRAINING CENTERS	93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	10GG01490508 G16762	-	27.653		
AIDS EDUCATION AND TRAINING CENTERS	93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	9GG01490507 POG16754	-	129,116	-	
AIDS EDUCATION AND TRAINING CENTERS	93.145	TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	GG01490505 POG15814	-	35,148	-	
AIDS EDUCATION AND TRAINING CENTERS COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.145 93.153	HEALTH RESEARCH INC	N/A	561,611	5,614	-	207,561
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			190,702			
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			106.671	_	_	
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153			76,242		32,137	935,226
GERIATRIC TRAINING FOR PHYSICIANS, DENTISTS AND BEHAVIORAL/MENTAL HEALTH PROFESSIONALS	93.156			238,184	-	-	238,184
CENTERS OF EXCELLENCE	93.157			252,083		-	252,083
TELEHEALTH PROGRAMS RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.211 93.226	MARGARETVILLE MEMORIAL HOSPITAL CHILDREN'S HOSPITAL OF PHILADELPHIA	HAHV - 03362 3200240120	-	37,639 373	-	37,639
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226	KENT STATE UNIVERSITY	403053-SUNY		28,948		29,321
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	RESEARCH FOUNDATION FOR MENTAL HYGIENE	153321		2,920		,
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	RESEARCH FOUNDATION FOR MENTAL HYGIENE	155651	-	1,458	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	RESEARCH FOUNDATION FOR MENTAL HYGIENE	1557726	-	14,500	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243	RESEARCH FOUNDATION FOR MENTAL HYGIENE RESEARCH FOUNDATION FOR MENTAL HYGIENE	157725 160074	-	6,317 45,719	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	ERIE COUNTY DEPARTMENT OF MENTAL HEALTH	19826MH	-	252,550	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			109,781		-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			161,283	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			41,766 54,750	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243			54,750 46.523	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	CHAUTAUQUA COUNTY DEPARTMENT OF MENTAL HYGIENE	21 33 26	40,525	13.497		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			1,808	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			(1,620)	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243			71,552 163.084	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			142 613	- :		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			396,779			
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			64,752	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243			21,861	-	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.243	BESTSELF BEHAVIORAL HEALTH INCORPORATED	N/A	89,283	71.490	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ARUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	COUNCIL ON ADDICTION RECOVERY SERVICES	N/A		1 289		
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	CRISIS SERVICES INCORPORATED	N/A	-	141,368	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243	MENTAL HEALTH SERVICES ERIE COUNTY SOUTH EAST CORPORATION V	N/A	-	5,583	-	
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243 93.247	ERIE COUNTY DEPARTMENT OF HEALTH	TBD	756	35,075	-	1,955,981
ADVANCED NURSING EDUCATION GRANT PROGRAM ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247			466,078	-		
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247	MARY IMOGENE BASSETT HOSPITAL	ANE-NPR BINGHAMTON	400,070	31,500		
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247			1,037,778		-	1,536,112
GERIATRIC ACADEMIC CAREER AWARDS DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.250			13,810	-	-	
GERIATRIC ACADEMIC CAREER AWARDS DEPARTMENT OF HEALTH AND HUMAN SERVICES POISON CENTER SUPPORT AND ENHANCEMENT GRANT	93.250 93.253			70,476 200.807	-	-	84,286
POISON CENTER SUPPORT AND ENHANCEMENT GRANT POISON CENTER SUPPORT AND ENHANCEMENT GRANT	93.253			377,870			578,677
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025371324609		4,213	-	4,213
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268	ONONDAGA COUNTY	14721-R1	-	29,212	-	29,212
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276 93.276		N/A	22,633	3.524	-	26.157
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.276	COUNCIL ON ADDICTION RECOVERY SERVICES CERNER CORPORATION	75D30120C08752	-	3,524 86.812	-	26,157
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283	CHILDRENS HOSPITAL OF BOSTON	GENFD0002021996	_	3,008	-	89.820
NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.300			365,937	-	26,326	
NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.300			176,790	-	-	542,727
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL	93.359			431,256	-	-	431,256
COUNTERMEASURE DEVELOPMENT	93.360	REGENERON PHARMACEUTICALS INCORPORATED	6R88COV2040		33,799	_	33,799
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433	BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA BIRMINGHAM	000536887SC003		9,999		9,999
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028479	-	880,605	-	
EVERY STUDENT SUCCEEDS ACT/PRESCHOOL DEVELOPMENT GRANTS	93.434	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C028961	-	1,295,492	-	2,176,097
STATE PHYSICAL ACTIVITY AND NUTRITION (SPAN ACL ASSISTIVE TECHNOLOGY	93.439 93.464	HEALTH RESEARCH INC NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	683901 JUS01C00137GG1420000	-	11,628 128.161	-	11,628
ACL ASSISTIVE TECHNOLOGY	93.464	NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	JUS01C00137GG1420000	-	59.816	-	187.977
CONGRESSIONAL DIRECTIVES	93.493	ERIE COUNTY DEPARTMENT OF HEALTH	TBD	-	44,794	-	44,794
AFFORDABLE CARE ACT (ACA) PUBLIC HEALTH TRAINING CENTERS PROGRAM COVID-19 - AFFORDABLE CARE ACT (ACA) PUBLIC HEALTH TRAINING CENTERS PROGRAM	93.516			279,868	-	-	
COVID-19 - AFFORDABLE CARE ACT (ACA) PUBLIC HEALTH TRAINING CENTERS PROGRAM PROMOTING SAFE AND STABLE FAMILIES	93.516 93.556	CATHOLIC FAMILY CENTER OF ROCHESTER	30359	118,205	96 884	-	398,073
PROMOTING SAFE AND STABLE FAMILIES PROMOTING SAFE AND STABLE FAMILIES	93.556 93.556	CATHOLIC FAMILY CENTER OF ROCHESTER CATHOLIC FAMILY CENTER OF ROCHESTER	30359 N/A	-	96,884 39,019	-	135 903
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C000550		52,398	-	130,800
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C022593	-	145,605	-	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C022620	-	22,274	-	
CHILD SUPPORT ENFORCEMENT CHILD SUPPORT ENFORCEMENT	93.563 93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C210062 C210063	-	1,235,434 495,813	-	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C210063 C210068	-	495,813 202.596	-	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220114		388,331	-	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220118	-	101,448	-	
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C220120	-	1,162,545	-	0.070.04
CHILD SUPPORT ENFORCEMENT	93.563	NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	N/A	-	73,367	-	3,879,811

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023

Total

Property		Assistance				Pass-	Passed-	Total expenditures
The content of the property	Federal grantor/federal subdivision or pass-through grantor/Federal program	listing number	Pass-through entity name	Pass-through number	Direct expenditures			by ALN and federal grantor
Color Colo								
Column C		93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210046	s -	61.062	-	
March Marc	COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210047		476,519	-	
Properties Pro	COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS		NYS OFFICE OF CHILDREN AND FAMILY SERVICES		-		-	
Column C					-		-	
Column C	DEVELOPMENT AL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS CHILD WEI FARE RESEARCH TRAINING OR DEMONSTRATION		NTS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	DDP01C00024GG1100200	3 179 205	74,048	2 370 786	74,048
Part	CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION					-		5,703,388
Control Cont	FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES		-,,	(231)	-	-,,
Property of the Control of the Con	FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005536	-	(8)	-	
Property of the Control of the Con				C002773 PO120461947	-		136,663	
Control of the Cont	FOSTER CARE TITLE IV-E EOSTER CARE TITLE IV-E	93.658	STONY BROOK UNIVERSITY NVS OFFICE OF CHILDREN AND FAMILY SERVICES	C002773 PO120461947	-		-	
PROPERTY OF THE PARTY OF THE	FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES		-		-	
Company Comp	FOSTER CARE TITLE IV-E	93.658	NYS OFFICE OF CHILDREN AND FAMILY SERVICES			(9)		
ACOPTION ASSET MANEEMENT OF THE PROPERTY OF TH	FOSTER CARE TITLE IV-E		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C210080	-		-	
ACRES TO ASSETT MAN CONTROL SERVICE CONTROL ASSETT MAN CONT	FOSTER CARE TITLE IV-E		NYS OFFICE OF CHILDREN AND FAMILY SERVICES		-	675,016	-	1,381,536
Moderning	ADOPTION ASSISTANCE ADOPTION ASSISTANCE		NYS OFFICE OF CHILDREN AND FAMILY SERVICES		-	(1.051)		
ACCORDANGE 10.000 10.0000 10	ADOPTION ASSISTANCE		NYS OFFICE OF CHILDREN AND FAMILY SERVICES					
SCHEMENT	ADOPTION ASSISTANCE	93.659	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190192	-	(2,907)	-	(4,008)
SOUR EMPORES NOT GOVERN 1987 19					-		-	
SOCIA SPRICES CO CORDINATION 19 000 PRINTS CORDINATE OF COMMAN YERRORS 1					-		-	
STATE STAT					-		-	
SCHI ABRICAN STRUCTS IN COLORADY SCHICATE OF DELIBERAN AND STRUCTS COLORADY COLO	SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	19-0532-12/19-55 C005305			- :	
SOCIA SEPROPER COCIOANY SOCIA SEPROPER COCIOANY SOCIA SERVICES COCIOA	SOCIAL SERVICES BLOCK GRANT		NYS OFFICE OF CHILDREN AND FAMILY SERVICES		_		_	
SOUR ABTROCKE BLOCK GRAFT	SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C190195	-	(2,159)	-	
SOCIAL SERVICES BLOCK GRAFT SUPPLY	SOCIAL SERVICES BLOCK GRANT		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE		-		-	
SOCIAL SERVICES ELOCK GENET 5004 SERVICES ELOCK	SOCIAL SERVICES BLOCK GRANT		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE		-		-	
SOCK_SERVICES BLOCK SERVICES BLOCK	SOCIAL SERVICES BLOCK GRANT	93.667	ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES		-		-	
SOUL SERVICES SLOCK SIGNATI SOLAL SERVICES SLOCK SIGNATION SAND SLOCK SIGNATION	SOCIAL SERVICES BLOCK GRANT		ALBANY COLINTY DEPARTMENT FOR CHILDREN YOLTH AND FAMILIES		:			
SOURCE SEMPLINE	SOCIAL SERVICES BLOCK GRANT	93.667	ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES				-	
Public No.	SOCIAL SERVICES BLOCK GRANT	93.667	OSWEGO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	-	146,850	-	
PRINTER OF THE PROPERTY AND PROPERTY AND PROPERTY AND WITHER SMICKS PROPERTY AND SECURITY OF THE PROPERTY O	SOCIAL SERVICES BLOCK GRANT	93.667	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	T210077	-		-	1,651,120
CEMPTIAN COMMENT NETWORKS (CEMPTIAN CONTROL CEMPTIAN CO	ENDING THE HIV EPIDEMIC: A PLAN FOR AMERICA — RYAN WHITE HIV/AIDS PROGRAM PARTS A AND B (B)				-		-	100.010
METITAL AND BESTAMONAL HEALTH EDUCATION AND TREMINES GRANTS 0.72 1.2 1					-		-	
METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS BERNAMORAL HEATH TELEVIC	MENTAL AND REHAVIORAL HEALTH CLINIC EAPANGOIN GRANTS		CHACTAGGGA COGNIT DEFARTMENT OF MENTAL HIGIENE	23-33-16/RESEARCH.22	157 317	11,910		11,910
METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS METIAL AND BERNAMORAL HEATH TELEVICATION AND TRANSMIC GRANTS BERNAMORAL HEATH TELEVIC	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732				-		
METAL AND DEPANDED AL SEATH EDUCATION AND TRAINING GRAFTS 1.2 1.2 1.5	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS					-	-	
MITTAL AND DERANDED HEALTH EQUAL TOOL AND TRAMINE GRAFTS 13-20 1	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS					-	-	
MATTLA AND DENANCISAL HEALTH EDUCATION AND TRANNING GRANTS 0.77	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS	93.732				-	-	
ELERA ABUSE PRICEPATION SETROPORAM 0.0.475	MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING GRANTS MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING CRANTS	93.732					-	2 021 543
CENTER FOR MEDICAR AM MEDICAR SERVICES (CMS) RESEARCH DEMONSTRATION AM DEMALITATION S. 0 1.5.0	FI DER ABUSE PREVENTION INTERVENTIONS PROGRAM		LIFESPAN OF GREATER ROCHESTER INCORPORATED	N/A	323,000	40 415	-	
CENTERS FOR NEEDLANGE AND MEEDLANGE SERVICES (CAUS) RESEARCE, DEBIONSTATION AND DEVALUATIONS S.77 M. N. OFFICE FOR PEOPLE WITH LEV DESIGNETIES N. O. O. S.77 M. N. OFFICE FOR PEOPLE WITH LEV DESIGNETIES N. O. O. S.77 M. N. OFFICE FOR PEOPLE WITH LEV DESIGNETIES N. O. O. S.77 M. N. OFFICE FOR PEOPLE WITH LEV DESIGNETIES N. O. O. S.77 M. N. OFFICE FOR PEOPLE WITH LEV DESIGNED N. O.	CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS		NYS DEPARTMENT OF HEALTH					,
HEATH CAREERS OPPORTURINTY PROCRAM HEATH CAREERS OPPORTURINTY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON PROCRAMS TO MERPOX COMMUNITY WENTAL HEAT HISPINCES SECTION AS DEMONSHIPMON AND DEMONSHI	CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779	NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A	-	241,263	-	247,416
SECTION 220 DEMONSTRATION PROCEAMAST TO MERPOYCE COMMANTY MENTAL HEALTH SERVICES \$ 13.60 MONTH MENTAL HEALTH SERVICES \$ 10.00 MONTH MENTAL HEALTH MENTAL HEALTH SERVICES \$ 10.00 MONTH MENTAL HEALTH HEALTH MENTAL HEALTH HEALTH MENTAL HEALTH HEALTH MENTAL HEALTH HEALTH HEALTH HE	HEALTH CAREERS OPPORTUNITY PROGRAM	93.822			424,780	-		
SECTION 220 DEMONSTRATION PROCRAMS TO IMPROVE COMMUNITY METHAL HEALTH SERVICES RICE COUNTY SOUTH EAST CORPORATION V ACL CENTERS ON REDEPENDARY LOWER TEACH T	HEALTH CAREERS OPPORTUNITY PROGRAM SECTION 222 DEMONSTRATION DROCDAMS TO IMPROVE COMMUNITY MENTAL HEALTH SERVICES	93.822	MID EDIE MENTAL HEALTH CEDVICES	H700M002000	283,663	61 200	6,526	708,443
ACCENTERS FOR NDEPENDENT LIVING, RECOVERY ACT GRANT FOR PRIMARY CARE TRAINING AND DISHARCEBERT HIS CONTROLLED TRAINING AND DISHARCEBERT TRAINING AND DISHARCEBERT HIS CONTROLLED TRAINING AND DISHARCEBERT TO HIS DISHARCEBER	SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMINITY MENTAL HEALTH SERVICES SECTION 223 DEMONSTRATION PROGRAMS TO IMPROVE COMMINITY MENTAL HEALTH SERVICES	93.029	MENTAL HEALTH SERVICES ERIE COLINTY SOLITH EAST CORPORATION V					64 959
GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT HEALTH CARE PROVIDER QUALITY MEROVEMENT AND SHALL HEALTH CARE PROVIDER GRANTS HE MEROMENT AND SHALL MEROVEMENT AND SHALL	ACLICENTERS FOR INDEPENDENT LIVING RECOVERY ACT	93.844	MENTAL HERENTOET WISES EINE GOONT GOOTH ENGT GOON GIVINGITY	1971	381.308		_	
GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT GRATTS FOR PRIBABATY CARE TRAINING AND ENHANCEMENT HEALTH CARE PROVIDER QUALITY MEROVEMENT AND SHALL HEALTH CARE PROVIDER GRANTS HEALTH RESEARCH IN COURT OF THE ALTH RESEARCH I	GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT					-	-	
RIAL HEALTH CARE SERVICES QUITE SERVICES QUITE ALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY IMPROVEMENT HEALTH CARE PROVIDER QUALITY IMPROVEMENT HEALTH CARE PROVIDER QUALITY IMPROVEMENT HY EMERCENCY RELIEF PROLECT GRANTS 43.914 HY EMERCENCY RELIEF PROLECT GRANT	GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT					-	-	
RIAL HEALTH CARE SERVICES QUITE SERVICES QUITE ALTH NETWORK DEVELOPMENT AND SMALL HEALTH CARE PROVIDER QUALITY IMPROVEMENT HEALTH CARE PROVIDER QUALITY IMPROVEMENT HEALTH CARE PROVIDER QUALITY IMPROVEMENT HY EMERCENCY RELIEF PROLECT GRANTS 43.914 HY EMERCENCY RELIEF PROLECT GRANT	GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT					-	-	000 074
HEALTH CAME PROVIDER QUALITY IMPROVEMENT 93.912 93.912 93.912 93.912 93.912 93.912 93.912 93.912 93.912 93.914 94.012 94.01	GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884			445,830	-	157,617	686,071
RUBAL HEALTH CARE SERVICES OUTREACH RUBAL HEALTH NETWORK DEVELOPMENT AND SMALL HEALTH SCRUTIONS 155.0354 35.235 179.00 485.827 187.01 485.827	HEALTH CARE PROVIDER QUALITY IMPROVEMENT	93 912			150 589	_	92 632	
HEALTH CARE PROVIDER QUALITY MEROVEMENT	RURAL HEALTH CARE SERVICES OUTREACH, RURAL HEALTH NETWORK DEVELOPMENT AND SMALL							
HI MEMERGENCY RELIEF PROJECT GRANTS 9314 UNITE WAY OF LONG ISLAND 12725 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8332 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8332 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8332 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8332 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8332 9 8334 UNITE WAY OF LONG ISLAND 12725 9 8334 UNIT WAY OF LONG ISLAND 12725 9 8334 UNITE WAY OF LONG ISLAND 12725 9	HEALTH CARE PROVIDER QUALITY IMPROVEMENT				335,238	-	187,912	485,827
HIV EMERGENCY RELIEF PROJECT GRANTS 93.914 UNITED WAY OF LONS ISLAND 21725 1.12,434					-			
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY HIV	HIV EMERGENCY RELIEF PROJECT GRANTS		PUBLIC REALTH SOLUTIONS UNITED WAY OF LONG ISLAND			1,024,493	332,000	
HIV EMERGENCY RELIEF PROJECT GRANTS 9.914 UNITED WAY OF LONG ISLAND 229800 - 10,000 - 98,129 - 10,000	HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	21725 22725	-	(330) 112 434		
HIVE EMERGEARY RELIEF PROJECT GRANTS 9.914 UNITEO WAY OF LONG ISLAND 123725 - 306,129 - 144	HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	UNITED WAY OF LONG ISLAND	229800	-	10,000	-	
HIV EMERGENCY RELIEF PROJECT GRANTS 93.914 UNITED WAY OF LONG ISLAND MNT 23724	HIV EMERGENCY RELIEF PROJECT GRANTS	93.914	PUBLIC HEALTH SOLUTIONS	22HRM364P	-		-	
MIVERREGENCY RELIEF PROJECT GRANTS 93.914 UNITED WAY OF LONG ISLAND 93.14 UNITED WAY OF LONG ISLAND 93.14 10.14	HIV EMERGENCY RELIEF PROJECT GRANTS		UNITED WAY OF LONG ISLAND		-		-	
NU EMERGENCY RELIEF PROJECT GRANTS 93.914 PUBLIC HEALTH SOLUTIONS 93.914 PUBLIC HEALTH SOLUTIONS 93.915 HEALTH RESEARCH INC 660102 174,641 6.0 174,641 6.0 174,641 6.0 174,641 6.0	HIV EMERGENCY RELIEF PROJECT GRANTS		UNITED WAY OF LONG ISLAND		-		-	
HIV CARE FORMUTA GRANTS 93.17 HEALTH RESEARCH INC 93.17 HEALTH RESEARCH INC 93.17 HEALTH RESEARCH INC 93.18	HIV EMERGENCY RELIEF PROJECT GRANTS		PUBLIC HEALTH SOLUTIONS					2 459 130
GRANTS TO PROVIDE QUITPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO THY DISEASE 93.18 93.1			HEALTH RESEARCH INC		_		_	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE 93.918 (678) - - 1.257.828	GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918			44,853	-	-	
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE 93.28	GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE					-	64,216	
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE 93.928 140,625 - 140,825 277,480 50,942 - 140,825 277,480 - 17,890 - 17,890 - 17,890 - 13,888						-	-	4.057.000
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE 93.928 50.954 - 277.480 HV PREVENTION ACTUINTES HEALTH DEPARTMENT BASED 93.969 HEALTH RESEARCH INC 662802 - 13.880 PPHF GERIATRIC EDUCATION CENTERS 93.969 FEBRIATIC EDUCATION CENTERS 93.969 CLINTON COUNTY OFFICE FOR THE AGING NIA - 2.056 7.23.300 PPHF GERIATRIC EDUCATION CENTERS 93.969 CLINTON COUNTY OFFICE FOR THE AGING NIA - 2.056 - 7.23.300 ATTENDA AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES 93.994 NYS DEPARTMENT OF HEALTH DOHO1023931GG3450000 34.584.229 10.081.547 6.934.629 50.685.776 CORPORATION FOR NATIONAL & COMMUNITY SERVICE 1.056 F.788 F.788 RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 94.002 94.002 58.989 94.002 RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 94.0	SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE					-	140.652	1,257,828
HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED 93.404 HEALTH RESEARCH INC 692802 1.888	SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE						140,032	277,480
PHF GENIATIC EDUCATION CENTERS 93.899 77,999 - - - - -	HIV PREVENTION ACTIVITIES HEALTH DEPARTMENT BASED	93.940	HEALTH RESEARCH INC	692802	-	13,888	-	
PPHF GERIATRIC EDUCATION CENTERS 93.969 CLINTON COUNTY OFFICE FOR THE AGING NA - 2.056 - 723.330 MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES 93.994 NYS DEPARTMENT OF HEALTH DOHO1C32961GG3450000 - 2.243 - 2.2,843 LOUGH DEPARTMENT OF HEALTH SERVICES 34.584.229 16.081,547 6,934,629 50.686,778 Corporation for National and Community Service: CCRPORATION FOR NATIONAL & COMMUNITY SERVICE T012788 - 6,788 - 6,788 RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 NYS OFFICE OF CHILDREN AND FAMILY SERVICES T012788 - 6,788 - 6,788 RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 94.002 1,125 - - - 6,788	PPHF GERIATRIC EDUCATION CENTERS	93.969					-	
MATERNAL AND CHILD HEAL TH SERVICES BLOCK GRANT TO THE STATES 93.994 NYS DEPARTMENT OF HEALTH DOHO1032981GG3450000 c 22,843 c 22,843 c 22,843 c 22,843 d 50,865,778 50,865,778 <t< td=""><td>PPHF GERIATRIC EDUCATION CENTERS</td><td></td><td></td><td></td><td>643,305</td><td></td><td>-</td><td></td></t<>	PPHF GERIATRIC EDUCATION CENTERS				643,305		-	
Total U.S. Department of Health and Human Services 34,584,229 16,081,547 6,934,629 50,665,786 Corporation for National and Community Service: CORPORATION FOR NATIONAL & COMMUNITY SERVICE T012788 - 6,788 - 6,788 RETIRED AND SENIOR VOLUNTEER PROGRAM 94,002 1,125 - - - 6,718 RETIRED AND SENIOR VOLUNTEER PROGRAM 94,002 58,989 - - - 6,011	PPHF GERIATRIC EDUCATION CENTERS	93.969	CLINTON COUNTY OFFICE FOR THE AGING		-		-	
Corporation for National and Community Service: 94.000 NYS OFFICE OF CHILDREN AND FAMILY SERVICES T012788 - 6,788 - 6,788 CORPORATION FOR NATIONAL & COMMUNITY SERVICE 94.002 T012788 -		93.994	NTO DEPARTMENT OF HEALTH	DOHU1C32361GG3450000				
CORPORATION FOR NATIONAL & COMMUNITY SERVICE 94 000 NYS OFFICE OF CHILDREN AND FAMILY SERVICES T012788 - 6,788 - 6,788 RETIRED AND SENIOR VOLUNTEER PROGRAM 94,002 1,125 - - - 60,114					34,584,229	16,081,547	6,934,629	50,665,776
RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 1,125 - - 60,114 RETIRED AND SENIOR VOLUNTEER PROGRAM 58,989 - - 60,114			AND OFFICE OF CHILDREN AND FAMILY OFFICE	70.0700				
RETIRED AND SENIOR VOLUNTEER PROGRAM 94.002 58,989 - - 60,114	CORPORATION FOR NATIONAL & COMMUNITY SERVICE PETIPED AND SENIOR VOLUNTEER PROCESSM	94.000	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	T012788	1.105	6,788	-	6,788
	RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002				-	-	60 114
Total Corporation for National and Community Service 60,114 6,788 - 66,902		0-1.00Z						
	Total Corporation for National and Community Service				60,114	6,788		66,902

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS - CONTINUED

Year Ended June 30, 2023							
Federal grantor/federal subdivision or pass-through grantor/Federal program	Assistance listing number	Pass-through entity name	Pass-through number	Direct expenditures	Pass- through expenditures	Passed- through to subrecipients	Total expenditures by ALN and federal grantor
OTHER PROGRAMS: U.S. Department of Homeland Security: HAZARD MITIGATION GRANT CENTERS FOR HOMELAND SECURITY	97.039 97.061	NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT SERVICES ARIZONA BOARD OF REGENTS	C000877 ASUB00001039	\$ - -	29,648 8,757		29,648 8,757
Total U.S. Department of Homeland Security					38,405		38,405
Agency for International Development: USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001 98.001	SOUTHERN AFRICAN PARLIAMENTARY SUPPORT TRUST	72061320CA00003	47,801	592,241		640,042
Total Agency for International Development				47,801	592,241		640,042
TOTAL OTHER PROGRAMS				59,210,128	32,982,610	17,306,014	92,192,738
TOTAL EXPENDITURES OF FEDERAL AWARDS				\$ 517,442,162	142,373,889	103,934,076	659,816,051

NOTES TO SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

For the year ended June 30, 2023

1. SIGNIFICANT ACCOUNTING POLICIES USED IN PREPARING THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

The accompanying schedule of expenditures of federal awards (the Schedule) presents the direct and indirect expenditures of federal financial assistance programs administered by The Research Foundation for The State University of New York (the RF). The information in this Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance).

The amounts reported were obtained from the RF's general ledger, which is the source of the federal financial reports and is maintained on an accrual basis. However, the Schedule is prepared on the cash basis. Negative amounts represent adjustments to expenditures reported in prior years in the normal course of business. Pass through amounts are reported under the related Assistance Listing number, as indicated on the schedule. Assistance Listing and pass-through numbers are presented where available. Amounts passed through to subrecipients are reported separately on the Schedule.

2. 10% DE MINIMIS COST RATE

The RF uses an indirect cost rate per the terms of a negotiated indirect cost rate agreement rather than the 10% de minimis rate as described in Section 200.4144 of the Uniform Guidance.

3. DIRECT AND INDIRECT FEDERAL AWARD EXPENDITURES

Federal award expenditures consist of direct and indirect costs, which are commonly referred to as facilities and administrative (F&A) costs. Direct costs are those that can be easily identified with an individual federally sponsored project. The salary of a principal investigator of a sponsored research project and the materials consumed by the project are examples of direct costs. Unlike direct costs, indirect costs cannot be easily identified with an individual federally sponsored project. Indirect costs are the costs of services and resources that benefit both sponsored and nonsponsored projects and activities. Indirect costs consist of expenses incurred for administration, library, plant maintenance, and building and equipment depreciation. The RF and federal agencies use an indirect cost rate to charge indirect costs to individual federally sponsored projects. The rate is a result of a number of complex cost allocation procedures that the RF uses to allocate its indirect costs to both sponsored and nonsponsored activities. Rates are negotiated with and approved by the RF's cognizant audit agency, the U.S. Department of Health and Human Services.



GRANT THORNTON LLP

757 Third Ave., 9th Floor New York, NY 10017-2013

D +1 212 599 0100

+1 212 370 4520

REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS REQUIRED BY GOVERNMENT AUDITING STANDARDS

The Board of Directors

The Research Foundation for The State University of New York

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 (*Government Auditing Standards*), the financial statements of The Research Foundation for The State University of New York (the "Foundation"), which comprise the balance sheet as of June 30, 2023, and the related statements of activities and cash flows for the year then ended, and the related notes to the financial statements, and have issued our report thereon dated September 29, 2023.

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Foundation'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 opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Foundation's internal control. Accordingly, we do not express an opinion on the effectiveness of the Foundation'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 Foundation'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 Foundation'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*.

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 Foundation'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 Foundation's internal control and compliance. Accordingly, this report is not suitable for any other purpose.

New York, New York September 29, 2023

Grant Thornton LLP



GRANT THORNTON LLP

757 Third Ave., 9th Floor New York, NY 10017-2013

D +1 212 599 0100 **F** +1 212 370 4520

REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS ON COMPLIANCE FOR EACH MAJOR FEDERAL PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE REQUIRED BY THE UNIFORM GUIDANCE

The Board of Directors

The Research Foundation for The State University of New York

Report on Compliance for Each Major Federal Program

Opinion on Each Major Federal Program

We have audited the compliance of The Research Foundation for The State University of New York (the "Foundation") with the types of compliance requirements identified as subject to audit in the U.S. Office of Management and Budget's OMB Compliance Supplement that could have a direct and material effect on each of the Foundation's major federal programs for the year ended June 30, 2023. The Foundation'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 Foundation complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2023.

Basis for Opinion on Each Major Federal Program

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (US GAAS); the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States (*Government Auditing Standards*); and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (Uniform Guidance). 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 Foundation and to meet our other ethical responsibilities in accordance with the 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 Foundation'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 Foundation's federal programs.



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 Foundation'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 US 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 Foundation's compliance with the requirements of each major federal program as a whole.

In performing an audit in accordance with US 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 Foundation'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 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 Foundation'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

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.

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. Given these limitations, during our audit we did not identify any deficiencies in the Foundation's internal control over compliance that we consider to be material weaknesses or significant deficiencies. However, material weaknesses or significant deficiencies in internal control over compliance may exist that have not been identified.

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.

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.

New York, New York December 11, 2023

Grant Thornton LLP

SCHEDULE OF FINDINGS AND QUESTIONED COSTS

Year Ended June 30, 2023

SECTION I - SUMMARY OF AUDITORS' RESULTS

Financial Statements						
Type of auditors' report issued:		Unmodified				
Internal control over financial reporting:						
Material weakness(es) identified?		Yes	X	No		
Significant deficiency(ies) identified?		Yes	X	None reported		
Noncompliance material to financial statements noted?		Yes	X	No		
Federal Awards						
Internal control over the major programs:						
Material weakness(es) identified?		Yes	X	No		
Significant deficiency(ies) identified?		Yes	X	None reported		
Type of auditors' report issued on compliance for the major programs:			Unmodified			
Any audit findings disclosed that are required to be reported in accordance with 2 CFR of the Uniform Guidance?		Yes	X	No		
Identification of the Major Programs:						
Federal Grantor/Program or Cluster Title		Federa	l Assistance Listi	ng Number		
Research and Development Cluster			Various			
Child Care and Development Fund Cluster			93.575			
Migrant Education State Grant Program			84.011			
Department of Health and Human Services			93.000			
Child Support Enforcement			93.563			
Child Welfare Research Training or Demonstration	n		93.648			
Dollar threshold used to distinguish between type A and type B programs:	Λ.		\$3,000,000			
Auditee qualified as low-risk auditee?	X	Yes		No		

SCHEDULE OF FINDINGS AND QUESTIONED COSTS - CONTINUED

Year Ended June 30, 2023

SECTION II - FINANCIAL STATEMENT FINDINGS

None

SECTION III - FINDINGS AND QUESTIONED COSTS FOR FEDERAL AWARDS

None