

Independent Auditors' Reports as Required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and Government Auditing Standards and Related Information

Year Ended June 30, 2017

Independent Auditors' Reports as Required by Title 2 U.S. Code of Federal Regulations Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards and Government Auditing Standards and Related Information

Year ended June 30, 2017

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KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report

The Board of Directors
The Research Foundation for
The State University of New York:

Report on the Financial Statements

We have audited the accompanying financial statements of The Research Foundation for The State University of New York (the RF), which comprise the balance sheets as of June 30, 2017 and 2016, and the related statements of activities and cash flows for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; this includes 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.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits 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. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditors consider internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the RF as of June 30, 2017 and 2016, and the changes in its net deficit and its cash flows for the years then ended in accordance with U.S. generally accepted accounting principles.



Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 19, 2017 on our consideration of the RF'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 RF'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 RF's internal control over financial reporting and compliance.



October 19, 2017

Balance Sheets

June 30, 2017 and 2016

Assets	_	2017	2016
Current assets: Cash and cash equivalents Accounts receivable, net Advances to others Investments Due from broker for securities sold Other current assets	\$	150,600 211,424,250 16,577,957 214,512,344 1,700,000 2,783,504	740,758 238,076,953 12,647,036 175,253,704 4,373,410 3,291,092
Total current assets	-	447,148,655	434,382,953
Noncurrent assets: Fixed assets, net Intangible assets, net Other noncurrent assets Total noncurrent assets	-	352,456,870 42,799,400 6,808,223 402,064,493	477,174,266 44,907,808 8,647,524 530,729,598
Total assets	\$ _	849,213,148	965,112,551
Liabilities and Net Deficit			
Current liabilities: Accounts payable and accrued expenses Accrued compensation Accrued leave Deferred revenue Deposits held for others Capital lease obligations Current portion of long-term debt Line of credit	\$	93,015,034 16,335,804 31,661,757 159,008,447 27,568,269 14,476,100 205,000 28,705,444	98,034,565 15,190,780 31,780,398 137,876,963 29,467,493 13,337,586 200,000 17,384,930
Total current liabilities	_	370,975,855	343,272,715
Noncurrent liabilities: Postretirement benefit obligation Other deferred revenue Capital lease obligations, net of current portion Long-term debt, net of current portion Other liabilities	<u>-</u>	133,624,147 107,693,724 250,943,913 4,065,000 7,477,575	181,635,741 196,155,153 265,420,011 4,270,000 6,981,091
Total noncurrent liabilities	_	503,804,359	654,461,996
Total liabilities	_	874,780,214	997,734,711
Net deficit: Available for operations Reserved for future postretirement benefit costs	-	(50,270,200) 24,703,134	(44,071,867) 11,449,707
Total net deficit	-	(25,567,066)	(32,622,160)
Total liabilities and net deficit	\$ _	849,213,148	965,112,551

See accompanying notes to financial statements.

Statements of Activities

Years ended June 30, 2017 and 2016

		2017	2016
Revenue:			
Grants awarded for research and other sponsored activities:			
Federal	\$	287,772,414	265,433,667
Federal flow through		127,267,455	118,498,714
New York State		118,739,411	112,675,724
Private and other	_	219,557,301	249,478,250
Total grants awarded for research and other sponsored activities	_	753,336,581	746,086,355
Indirect cost recoveries:			
Federal		87,668,537	82,603,566
Federal flow through		25,511,793	24,990,236
New York State		7,584,314	6,895,457
Private and other	_	14,174,328	13,699,419
Total indirect cost recoveries	_	134,938,972	128,188,678
Other research-related income:			
Inventions and licenses		6,796,176	10,858,593
Third-party service centers		10,930,950	12,000,378
Agency fees		7,645,985	7,745,440
Fixed price awards		13,207,222	3,751,957
Amortization of deferred gain		1,250,000	4,625,000
Contributions		1,800,000	2,000,000
Other	_	12,881,246	9,270,480
Total other research-related income		54,511,579	50,251,848
Investment income, net		20,773,357	199,807
Total revenue	_	963,560,489	924,726,688
Expenses:			
Sponsored programs and other activities		776,183,193	757,110,706
Indirect administrative and support expenses:			
Salaries		66,730,393	65,778,745
Fringe benefits – postretirement		(34,758,167)	22,312,441
Fringe benefits – other		28,863,576	29,080,989
Professional services Supplies		15,395,415 7,022,653	16,501,161 6,885,135
Depreciation Supplies		6,263,814	10,469,695
Bad debt		10,971,546	69,841,163
Other		35,820,626	30,672,002
Total indirect administrative and support expenses		136,309,856	251,541,331
Other research related expenses:			
Inventions and licenses		6,774,349	8,872,152
Third-party service centers		9,283,983	11,805,621
Other	_	41,207,441	4,328,278
Total other research-related expenses		57,265,773	25,006,051
Total expenses		969,758,822	1,033,658,088
Change in net assets from revenue and expenses		(6,198,333)	(108,931,400)
Changes in net assets related to postretirement		13,253,427	239,247,448
Change in net deficit		7,055,094	130,316,048
Net deficit at beginning of year		(32,622,160)	(162,938,208)
Net deficit at end of year	\$_	(25,567,066)	(32,622,160)

See accompanying notes to financial statements.

Statements of Cash Flows

Years ended June 30, 2017 and 2016

		2017	2016
Cash flows from operating activities:			
Federal grants and contracts	\$	535,935,340	494,709,499
State and local grants and contracts	•	146,521,521	176,173,805
Private gifts and grants		279,682,606	268,714,104
Other receipts		244,213,061	244,905,022
Salaries and wages payments		(417,132,077)	(415,801,153)
Employee benefits payments		(167,122,333)	(158,621,527)
Payments to suppliers and vendors		(442,750,014)	(400,064,528)
Operating interest and dividends		1,279,834	1,125,846
Distribution from BSA partnership		2,210,000	2,235,525
Interest payments on capital debt and notes		(22,844,788)	(23,950,895)
Other payments	-	(82,134,885)	(79,098,258)
Net cash provided by operating activities	-	77,858,265	110,327,440
Cash flows from investing activities:			
Proceeds from sales of investments		156,963,202	298,758,334
Purchases of investments		(176,514,669)	(310,113,655)
Cash paid for purchases of fixed and intangible assets	-	(56,679,886)	(76,375,856)
Net cash used in investing activities	-	(76,231,353)	(87,731,177)
Cash flows from financing activities:			
Principal payments on long-term debt and capital lease obligations		(13,537,584)	(16,116,596)
Proceeds from line of credit		110,964,172	90,636,531
Payments on line of credit		(99,643,658)	(96,560,640)
Net cash used in financing activities	-	(2,217,070)	(22,040,705)
Net (decrease) increase in cash and cash equivalents		(590,158)	555,558
Cash and cash equivalents, beginning of year	-	740,758	185,200
Cash and cash equivalents, end of year	\$	150,600	740,758
Reconciliation of change in net assets to net cash provided by operating activities:	¢	7,055,094	120 216 049
Change in net assets Adjustments to reconcile change in net assets to net cash provided by operating	\$	7,055,094	130,316,048
activities:			
Realized and unrealized (gains) losses on investments		(17,443,901)	3,271,230
Depreciation and amortization		68,696,353	65,651,023
Net disposal of fixed assets		174,638	224,874
Accretion of deferred gain on sale leaseback transaction			(3,375,000)
Donated fixed assets		(308,250)	(2,261,767)
Other adjustments		(171,754)	110,849
Change in assets and liabilities that provide (use) cash:		10 500 170	70 427 600
Bad debt Other changes to accounts receivable and other accets		10,560,179 14,508,492	70,137,698 (14,725,936)
Other changes to accounts receivable and other assets Accounts payable and accrued expenses		(3,993,148)	3,684,312
Other accruals and other liabilities		1,078,377	(3,336,324)
Deferred revenue		47,613,003	77,830,316
Deposits held for others		(1,899,224)	(264,876)
Postretirement benefit obligation	-	(48,011,594)	(216,935,007)
Net cash provided by operating activities	\$	77,858,265	110,327,440

See accompanying notes to financial statements.

(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 exists to serve the State University of New York (SUNY) by providing essential administrative services that enable SUNY faculty to focus their efforts on the education of students and the performance of life-changing research across a wide range of disciplines including medicine, engineering, physical sciences, energy, computer science, and social sciences.

The RF works with the academic and business leadership of SUNY campuses to support research and discovery through administration of sponsored projects and technology transfer and management of intellectual property for public benefit and economic growth. The RF provides a central infrastructure of people, technology and processes that enable faculty: to write and submit grant proposals to government agencies as well as nonprofit and for-profit organizations; establish contracts and manage funding that is awarded to run campus-based research projects; protect and commercialize intellectual property created within those projects; and promote transparency and accountability throughout the process.

The RF comprises a central office and operating units at 30 state-operated campuses across New York State, and is governed by an independent 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*.

(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 deficit and disclosures of contingencies as of the dates of the financial statements and the reported amounts of change in net deficit during the reporting periods. The most significant areas which are affected by the use of estimates include allowances for doubtful receivables, valuation of certain investments measured at net asset value, commitments and contingencies, useful lives and valuation of long-lived assets, 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) Revenue Recognition

Grants awarded for research and other sponsored activities represent funding derived from grants, cost reimbursement contracts, and cooperative agreements that provide for the recovery of direct and indirect costs, and are subject to sponsor audit. Grants and contracts awarded for research and other sponsored activities are recognized to the extent of direct costs incurred. Amounts received in excess of expenditures are recorded as deferred revenue. Recoveries of indirect costs provided from grants and contracts are recorded as revenue in the year in which the costs are eligible for reimbursement.

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 3c). 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 gains or losses.

Inventions and licenses income consists of royalties received 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.

(d) Cash Equivalents

For the purpose of presenting the statements of cash flows, 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 investments. Cash equivalents are stated at fair value and are considered a Level 1 financial asset as defined in note 5.

(e) 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.

(f) 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 impairment occurred, the RF would perform the required analysis and, if applicable, it would record impairment charges.

Upon sale or retirement of capitalized assets, 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, 2017 and 2016 was \$68.7 million and \$65.7 million, respectively.

The title to equipment purchased using sponsored funds is generally retained by the grantor institution until such time as 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.

(g) Deferred Revenue

Deferred revenue includes:

- Surplus balances from sponsored program activity that occur when funds are received in advance
 of spending, recognized into revenue under the terms of the sponsored program;
- (2) Purchases of capitalized equipment or intangible assets under sponsored programs related to economic development, recognized into revenue over the life of the asset;
- (3) 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.

Amounts estimated to be realized over a period greater than one year are reflected in noncurrent deferred revenue on the balance sheets and primarily stem from capitalized equipment and intangible assets purchased under sponsored programs related to economic development.

(h) 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 \$2.7 million and \$2.6 million as of June 30, 2017 and 2016, respectively.

(i) Postretirement Benefit Obligation

The RF has a defined medical benefit postretirement plan covering substantially all of its nonstudent 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 deficit 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.

(j) 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 note 5 for additional information regarding fair value considerations with respect to investments.

(k) Tax Status

The RF 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. Management has determined there are no uncertain tax positions as of June 30, 2017 and 2016.

(I) Other Information

Accounts receivable is reported net of an allowance for doubtful accounts. During the years ended June 30, 2017 and 2016, the collectability of approximately \$8.8 million and \$68.9 million, respectively, in accounts receivable balances from SUNY Polytechnic Institute (SUNY Poly) programs were determined to be doubtful, of which \$4.3 million and \$56.6 million, respectively, were written off. The RF's allowance for doubtful accounts as of June 30, 2017 and 2016 was \$28.3 million and \$22.5 million, respectively.

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 on a monthly basis. 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, 2017 and 2016 is approximately \$6.8 million and \$7.3 million, respectively.

The RF has a \$10 million endowment grant from the National Institute on Minority Health and Health Disparities (NIMHD), which is to be paid to the RF over a five-year period. The endowment is invested on behalf of the RF by the University at Albany Foundation (UAF) under a long-term service agreement. As of June 30, 2017 and 2016, the fair value of the funds was \$3.9 million and \$2.0 million, respectively. These balances were included in Investments and Net Deficits on the Balance Sheet. Contributions of these funds of \$1.8 million and \$2.0 million are reflected in the Statements of Activities for the years ended June 30, 2017 and 2016, respectively, as other research-related income. The adjustment to fair value, net of related custodial expenses, of \$0.2 million and \$0.1 million, are also reflected in the Statements of Activities for the years ended June 30, 2017 and 2016, respectively.

Aside from the NIHMD endowment balances, the RF has no other donor-imposed restrictions.

(m) Reclassifications

Certain 2016 amounts have been reclassified to conform to the 2017 presentation.

(3) Affiliated Organizations

Organizations affiliated with the RF have been established to facilitate partnerships and accelerate the growth of sponsored program and applied research opportunities at SUNY. Unless otherwise noted, these organizations are not controlled by or significantly influenced by the RF and do not impact the RF's financial statements. The affiliated organizations are as follows:

(a) BioBAT, Inc.

BioBAT, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of SUNY Downstate Medical Center) and the New York City Economic Development Corporation (on behalf of the City of New York) to develop the Brooklyn Army Terminal into a site for biotechnology and biopharmaceutical manufacturing, and research.

(b) Broad Hollow Bioscience Park, Inc.

Broad Hollow Bioscience Park, Inc. is a not-for-profit corporation formed by the RF (acting on behalf of Farmingdale State College) and Cold Spring Harbor Laboratory to operate an incubator facility on the Farmingdale State campus. Its purpose is to assist in the economic development of the region by attracting public and private funds to further biotechnology development through the commercialization of new technologies and the creation of new companies and jobs.

(c) Brookhaven Science Associates, LLC

Brookhaven Science Associates, LLC (BSA) is a not-for-profit 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 include its share of the net earnings/loss of BSA based on the operating results for the years ended June 30, 2017 and 2016. The RF records distributions received as a reduction of the investment balance.

(d) Buffalo 2020 Development Corporation

Buffalo 2020 Development Corporation was formed by the RF (acting on behalf of University at Buffalo) and FNUB, Inc., a subsidiary of the University at Buffalo Foundation, to enable the purchase, development, and construction of research-based facilities and infrastructure on University at Buffalo property on the downtown Buffalo, New York campus. These facilities will support the research, academic and economic development mission of the SUNY campus at Buffalo.

(e) CUBRC, Inc.

CUBRC, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of the University at Buffalo) and other foundations. CUBRC, Inc.'s mission is to leverage the capabilities of scientists from academia and industry to provide economic opportunities in Western New York. CUBRC, Inc. competes for research programs that would not otherwise be available to the University at Buffalo.

(f) Downstate Technology Center, Inc.

Downstate Technology Center, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of SUNY Downstate Medical Center) and the Health Science Center at Brooklyn Foundation, Inc. to provide for the construction of an advanced biotechnology incubator adjacent to the SUNY Downstate Medical Center. The facility seeks to advance medical research, provide incubator space and assist in the economic development of the Borough of Brooklyn.

(g) Fort Schuyler Management Corporation

Fort Schuyler Management Corporation (FSMC) is a private, not-for-profit corporation, formed by the RF and the SUNY Polytechnic Institute Foundation. FSMC's objectives are to facilitate research and economic development activities of SUNY by purchasing, constructing, developing and managing research focused facilities on behalf of SUNY Poly at locations in Utica, Buffalo and various locations in New York State.

(h) Fuller Road Management Corporation

Fuller Road Management Corporation (FRMC) is a private, not-for-profit corporation formed by the RF and the SUNY Polytechnic Institute Foundation. FRMC provides for the construction of research facilities at SUNY Poly to promote research and development of early and late stage companies, and the creation of jobs, and the development of the region's economy.

(i) Long Island High Technology Incubator

Long Island High Technology Incubator (LIHTI) is a private, not-for-profit corporation formed by the RF (acting on behalf of Stony Brook University) and the Stony Brook Foundation, Inc. LIHTI's mission is the development of new high-technology companies.

(i) New York Genome Center

New York Genome Center (NYGC) is a private, not-for-profit corporation formed by the RF (acting on behalf of Stony Brook University) and other New York-based universities and academic medical centers. The RF participates in NYGC as an Institutional Founding Member. The mission of NYGC is to transform medical research and clinical care in and around New York City through the creation of what will become one of the largest genomics and bioinformatics facilities in North America.

(k) U.S. Photovoltaic Manufacturing Consortium, Inc.

The Photovoltaic Manufacturing Consortium (PVMC) is a private, not-for-profit corporation, formed by the RF (acting on behalf of SUNY Poly) and Sematech, Inc. to facilitate an industry-led consortium for cooperative research and development among industry, university, and government partners to accelerate the development, commercialization, and manufacturing of next-generation solar photovoltaic systems.

(4) Investments

The following is the composition of net investment income for the years ended June 30:

	_	2017	2016
Dividends and interest	\$	1,279,834	1,125,846
Net realized and unrealized gains (loss)		17,443,901	(3,271,230)
Income from investment in BSA partnership		2,049,622	2,345,191
Total return on investments	\$_	20,773,357	199,807

(5) 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 are made using NAV per share or its equivalent as a practical expedient are not categorized in the fair value hierarchy.

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 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.

The following tables summarize, as of June 30, 2017 and 2016, the RF's investments as well as the liquidity redemption and notification provisions:

				2017	7		
		Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice
Investments:							
Cash equivalents	\$	47,767,310	47,767,310	_	_	Daily	1
Mutual and exchange traded funds:							
U.S. government fixed income		24,386,226	24,386,226	_	_	Daily	1
U.S. equities		5,215,212	5,215,212	_	_	Daily	1
Absolute multistrategy return		1,959,064	1,959,064	_	_	Daily	1
Foreign equities		8,570,737	8,570,737	_	_	Daily	1
Real estate		6,435,101	6,435,101	_	_	Daily	1
U.S. equities		3,319,051	3,319,051	_	_	Daily	4
Investments measured at NAV or its equivalent:	8						
Absolute multistrategy return		18,484,548	_	_	_	Monthly/Quarterly	45 to 95
Credit securities		11,417,835	_	_	_	Monthly/Quarterly	30 to 45
Global equities		35,195,340	_	_	_	Mthly/Qtrly/Annly	15 to 90
Hedged equities		30,675,149	_	_	_	Quarterly	90
Private equity		14,196,513	_	_	_	See (a) below	N/A
Investment in UAF pooled							
endow ment		3,904,940			_	See (b) below	N/A
Total investments at fair							
value		211,527,026	97,652,701	_	_		
Investment in BSA partnership		2,985,318			_	N/A	N/A
Total investments	\$	214,512,344	97,652,701		_		

			2016	6		
	Total	Level 1	Level 2	Level 3	Redemption frequency	Days notice
Investments:						
Cash equivalents	\$ 23,036,120	23,036,120	_	_	Daily	1
Mutual and exchange traded funds:						
U.S. government fixed income	21,680,240	21,680,240	_	_	Daily	1
U.S. equities	5,884,030	5,884,030	_	_	Daily	1
Commodities	4,649,846	4,649,846	_	_	Daily	1
Foreign equities	7,010,332	7,010,332	_	_	Daily	1
Real estate	6,717,304	6,717,304	_	_	Daily	1
U.S. equities	135,421	135,421	_	_	Daily	4
Investments measured at NAV or its equivalent:						
Absolute multistrategy return	28,834,890	_	_	_	Monthly/Quarterly	45 to 95
Credit securities	6,612,985	_	_	_	Monthly/Quarterly	30 to 45
Global equities	24,529,957	_	_	_	Mthly/Qtrly/Annly	15 to 90
Hedged equities	29,053,606	_	_	_	Quarterly	90
Private equity	11,960,493	_	_	_	See (a) below	N/A
Investment in UAF pooled						
endow ment	2,010,667			_	See (b) below	N/A
Total investments at fair						
value	172,115,891	69,113,293	_	_		
Investment in BSA partnership	3,137,813			_	N/A	N/A
Total investments	\$ 175,253,704	69,113,293	<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 agreement with UAF, an investment account was established at UAF with the funds received by the RF under the NIMHD grant, as described in note 2(I). This investment account is treated as a term endowment with the corpus not to be expended for a set period of time of no less than 30 years and with an annual distribution of fund income for programmatic spending by the RF. The term of the agreement is through March 31, 2046, with further extension possible at the discretion of the parties.

There has been no transfer activity among levels for investments during fiscal years 2017 and 2016. The RF has unfunded commitments to private equity investments as of June 30, 2017 of approximately \$7.5 million.

(6) Other Assets and Other Liabilities

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

		2017	2016
Other assets:			
Current:			
Royalties receivable	\$	2,755,763	3,243,937
Miscellaneous		27,741	47,155
Total other current assets	_	2,783,504	3,291,092
Noncurrent:			
Loans receivable		_	2,667,917
Deferred compensation assets		6,808,223	5,979,607
Total other noncurrent assets		6,808,223	8,647,524
Total other assets	\$	9,591,727	11,938,616
Other liabilities – noncurrent:			
Deferred compensation obligation	\$	6,808,223	5,979,607
Interest rate swap agreement		669,352	1,001,484
Total other liabilities	\$	7,477,575	6,981,091

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, 2017 and 2016, respectively, the assets consist of mutual funds of approximately \$2.9 million and \$2.4 million, which involve Level 1 inputs under the fair value hierarchy, variable annuities of approximately \$2.7 million and \$2.4 million, which are recorded at NAV, and fully benefit-responsive annuity contracts of approximately \$1.2 million and \$1.2 million, which are recorded at contract value.

As indicated in note 11(b), the RF currently has an interest rate swap that is adjusted, through net deficit, to fair value involving Level 2 inputs under the fair value hierarchy.

(7) Fixed Assets

Fixed asset classification	Fixed assets June 30, 2016	Additions	Dispositions/ retirements	Placed in service	Fixed assets June 30, 2017
Building	6,500,000	_	_	_	6,500,000
Building – capital lease	317,704,048	_	_	_	317,704,048
Research and office equipment	274,346,328	15,821,072	(152,409,916)	32,418,892	170,176,376
Information systems	25,462,324	_		_	25,462,324
Construction in progress	58,753,895	30,342,259	(13,405,458)	(32,418,892)	43,271,804
Total fixed assets	682,766,595	46,163,331	(165,815,374)		563,114,552
Less accumulated depreciation:					
Building	1,820,000	130,000	_	_	1,950,000
Building – capital lease	69,497,760	19,856,503	_	_	89,354,263
Research and office equipment	108,869,472	35,738,136	(50,697,789)	_	93,909,819
Information systems	25,405,097	38,503		_	25,443,600
Total accumulated					
depreciation	205,592,329	55,763,142	(50,697,789)		210,657,682
Fixed assets, net	477,174,266	(9,599,811)	(115,117,585)		352,456,870

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.

"Dispositions/retirements" as presented above includes research equipment assets with a cost of \$151.4 million and a net book value of \$113.9 million that were either retired or designated for scrap disposal as a result of the discontinuance of SUNY Poly's Global 450 Consortium Program (G450C). As of December 31, 2016, it was determined that the G450C would no longer be pursued, resulting in its termination.

The effect of the G450C termination has been recognized as an asset disposal and an offsetting reduction to deferred revenue, previously being recognized into revenue over the life of the asset as described in note 2(g). Additionally, an accrual for \$7.3 million has been recorded to other research-related expenses as of June 30, 2017 for the estimated costs of the G450C asset disposal. This is expected to occur primarily over the course of the year ending June 30, 2018. Management expects to utilize the remaining G450C equipment in other existing programs. Net book value of this remaining G450C equipment was \$4.2 million with deferred revenue in the same amount as of June 30, 2017.

An additional \$10.7 million of disposal of fully depreciated equipment occurred during the year ended June 30, 2017, as a result of the sale of the Smart Systems Technology and Commercialization Centre (STC) at SUNY Poly. This sale resulted in a \$1.0 million gain, recorded to other research-related income.

(8) Intangible Assets

Intangible asset classification	Intangible assets June 30, 2016	Additions	Dispositions/ retirements	Intangible assets June 30, 2017
Technology licenses Capitalized software	\$ 89,200,000 7,205,021	10,000,000 824,803		99,200,000 8,029,824
Total intangible assets	96,405,021	10,824,803		107,229,824
Less accumulated amortization: Technology licenses Capitalized software	49,763,000 1,734,213	11,864,286 1,068,925		61,627,286 2,803,138
Total accumulated amortization	51,497,213	12,933,211		64,430,424
Intangible assets, net	\$ 44,907,808	(2,108,408)		42,799,400

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

Fiscal year ending:	
2018	\$ 14,185,000
2019	12,538,000
2020	7,547,000
2021	4,422,000
2022	1,966,000

(9) Postretirement Benefit Obligation

(a) Plan Information and Amendment

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.

During the year ended June 30, 2016, the RF announced that effective January 1, 2017, the RF's Postretirement Benefits Plan will utilize the individual Medicare health care exchange market to provide benefits to Medicare-eligible participants. The impact of this plan amendment was reflected in the computation of the benefit obligation as of June 30, 2017 and 2016.

(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 \$217.4 million and \$176.3 million as of June 30, 2017 and 2016, 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 7,100 and 6,900 participants in the plan as of July 1, 2016 and 2015.

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

	2017 2016
Change in benefit obligation:	
	7,982,617 568,398,222
3 3 3 ,	1,570,036 19,822,438
Interest cost 11	1,995,430 25,207,967
Plan participants' contributions	,051,845 862,880
Retiree drug subsidy receipts	243,802 228,307
Plan amendment	— (269,221,408)
Actuarial (gain) loss (19	9,281,500) 25,206,249
Benefits paid (12	2,512,621) (12,522,038)
Benefit obligation at end of year 351	,049,609 357,982,617
Change in plan assets:	
	5,346,876 169,827,474
	2,160,487 (4,189,364)
Employer contributions 30	0,135,073 22,139,617
Plan participants' contributions	,051,845 862,880
Retiree drug subsidy receipts	243,802 228,307
Benefits paid (12	2,512,621) (12,522,038)
Fair value of plan assets at end of year 217	7,425,462 176,346,876
Funded status and amount recognized in balance sheet \$_(133)	3,624,147) (181,635,741)
Reserve for future postretirement benefit costs:	
•	9,666,718 277,690,409
·	1,963,584) (266,240,702)
	1,703,134 11,449,707
Weighted average assumptions used to determine	
benefit obligation:	
Discount rate at end of year	3.71 % 3.40 %

		2017	2016
Components of net periodic benefit cost:			
Service cost	\$	11,570,036	19,822,438
Interest cost		11,995,430	25,207,967
Expected return on plan assets		(13,668,548)	(13,540,218)
Amortization of:			
Prior service credit		(38,023,691)	(5,935,323)
Actuarial loss	_	23,503,679	18,897,194
Net periodic benefit (benefit) cost	\$_	(4,623,094)	44,452,058
Weighted average assumptions used to determine net periodic benefit cost:			
Discount rate for the year		3.40 %	4.45 %
Expected long-term rate of return		7.00	7.50
	_	2017	2016
Other changes in plan assets and benefit obligations recognized in unrestricted net assets:			
Net actuarial gain (loss)	\$	27,773,439	(42,935,831)
Prior service credit			269,221,408
Amortization of:			
Prior service credit		(38,023,691)	(5,935,323)
Actuarial loss	_	23,503,679	18,897,194
Total recognized as increase in net assets	\$_	13,253,427	239,247,448

Expected amounts to be amortized from net assets into net periodic benefit cost for fiscal year ending 2018 include prior service credit of \$34.5 million and actuarial loss of \$18.3 million.

Estimated net benefit payments over future years are as follows:

Fiscal year ending:	
2018	\$ 13,356,000
2019	14,387,000
2020	15,510,000
2021	16,431,000
2022	17,293,000
2023–2027	98,207,000

For measurement purposes, the initial trend rates vary by coverage. The health maintenance organization rate is 7.00%, the preferred provider organization (PPO) Medical Pre-65 rate is 7.00%, the PPO prescription rate is 8.50%, and administrative fees are 5.00%. Trend rates grade down to an ultimate rate of 5.00% in 2024 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	\$	4,954,396	(3,844,964)		
Effect on postretirement benefit obligation		58,382,008	(47,104,169)		

(c) Fair Value of Plan Assets

The following tables summarize as of June 30, 2017 and 2016, 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 to measure fair value of the plan's investments are outlined above in note 5.

		2017							
	-	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice		
Investments:									
Cash equivalents	\$	1,136,936	1,136,936	_	_	Daily	1		
Mutual and exchange traded funds:									
U.S. government fixed income		24,831,182	24,831,182	_	_	Daily	1		
U.S. equities		9,475,614	9,475,614	_	_	Daily	1		
Absolute mutistrategy return		5,289,474	5,289,474	_	_	Daily	1		
Foreign equities		11,995,373	11,995,373	_	_	Daily	1		
Real estate		10,170,976	10,170,976	_	_	Daily	1		
Investments measured at NAV or its equivalent:	3					•			
Absolute multistrategy return		17,421,811	_	_	_	Monthly/Quarterly	45 to 95		
Global equities		57,189,459	_	_	_	Mthly/Qtrly/Annly	15 to 90		
Hedged equities		49,285,665	_	_	_	Quarterly	90		
Private equity	-	30,628,973				See note 5(a)	N/A		
	\$	217,425,463	62,899,555	_	_				

	2016					
_	Total	Level 1	Level 2	Level 3	Redemption frequency	Days' notice
\$	690,532	690,532	_	_	Daily	1
	16,110,071	16,110,071	_	_	Daily	1
	6,830,597	6,830,597	_	_	Daily	1
	5,297,649	5,297,649	_	_	Daily	1
	9,222,678	9,222,678	_	_	Daily	1
	7,578,296	7,578,296	_	_	Daily	1
	53,814	_	_	_	Quarterly	45
	26,971,208	_	_	_	Monthly/Quarterly	45 to 95
	38,582,252	_	_	_	Mthly/Qtrly/Annly	15 to 90
	39,896,042	_	_	_	Quarterly	90
-	25,113,737				See note 5(a)	N/A
\$	176,346,876	45,729,823		_		
	•	\$ 690,532 16,110,071 6,830,597 5,297,649 9,222,678 7,578,296 53,814 26,971,208 38,582,252 39,896,042 25,113,737	\$ 690,532 690,532 16,110,071 16,110,071 6,830,597 6,830,597 5,297,649 5,297,649 9,222,678 9,222,678 7,578,296 7,578,296 53,814 — 26,971,208 — 38,582,252 — 39,896,042 — 25,113,737 —	Total Level 1 Level 2 \$ 690,532 690,532 — \$ 16,110,071 16,110,071 — \$ 6,830,597 6,830,597 — \$ 5,297,649 5,297,649 — 9,222,678 9,222,678 — 7,578,296 7,578,296 — 53,814 — — 26,971,208 — — 38,582,252 — — 39,896,042 — — 25,113,737 — —	Total Level 1 Level 2 Level 3 \$ 690,532 690,532 — — \$ 16,110,071 16,110,071 — — \$ 6,830,597 6,830,597 — — \$ 5,297,649 5,297,649 — — \$ 9,222,678 9,222,678 — — \$ 7,578,296 7,578,296 — — \$ 53,814 — — — \$ 26,971,208 — — — 38,582,252 — — — 39,896,042 — — — 25,113,737 — — —	Total Level 1 Level 2 Level 3 Redemption frequency \$ 690,532 690,532 — — Daily \$ 16,110,071 16,110,071 — — Daily \$ 6,830,597 6,830,597 — — Daily \$ 5,297,649 5,297,649 — — Daily \$ 9,222,678 9,222,678 — — Daily \$ 7,578,296 7,578,296 — — Daily \$ 53,814 — — — Monthly/Quarterly \$ 38,582,252 — — Mthly/Qtrly/Annly \$ 39,896,042 — — Quarterly \$ 25,113,737 — — See note 5(a)

There has been no transfer activity among levels for investments during fiscal years 2017 and 2016. The RF has unfunded commitments to the plan's private equity investments at June 30, 2017 of approximately \$17.6 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.

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, 2017, as shown in the table below, is expected to meet the plan's expected return:

Asset class	Long-term target	Short-term target	Ranges	Actual
Cash	1 %	1 %	0%-10%	1 %
Fixed income:				
Government bonds	8 %	5 %	0%-30%	5 %
Credit	4	7	0%-20%	7
Private debt	9	_	0%–20%	_
Equities:				
Global equities	35 %	39 %	20%-50%	40 %
Hedged equities	15	19	0%-25%	19
Private equity	10	6	0%–25%	6
Absolute return	5 %	7 %	0%–20%	7 %
Real assets:				
Inflation-protected	3 %	6 %	0%-10%	5 %
Commodities	_	_	0%-10%	_
Global real estate	10	10	5%-20%	10

(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 8% to 15%, depending on date of hire. In addition, the RF provides an additional pension 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.

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, 2017 and 2016 was approximately \$368.3 million and \$371.2 million, respectively. The RF retirement plan contributions were approximately \$31.4 million and \$31.3 million for the years ended June 30, 2017 and 2016, respectively. These contributions are equal to 100% of the required contributions for the year.

(11) Long-Term Obligations

	_	Balance			
	_	June 30, 2017	June 30, 2016		
Long-term obligations:					
Capital lease obligation; see note (a) below	\$	265,420,013	278,757,597		
Bonds payable to Albany Industrial Development Agency					
(AIDA); see note (b) below	_	4,270,000	4,470,000		
Total long-term debt	\$_	269,690,013	283,227,597		

- (a) The RF is party to a capital lease for the NanoFabXtension (NFX) facility with FRMC. The lease commenced on January 1, 2013 and expires on December 31, 2028. During the lease term, the RF's payments under the capital lease will be an annual amount equal to the greater of (a) \$36 million or (b) all scheduled payments of principal and interest and related payments due under a credit agreement that FRMC has with a financial institution for financing of the NFX facility.
- (b) 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 bond payable matures in 2032.

Future scheduled payments as of June 30, 2017 are as follows:

	_	Capital lease obligation		Bonds pa	ayable
	_	Principal Interest		Principal	Interest
Fiscal year:					
2018	\$	14,476,100	21,523,900	205,000	16,260
2019		15,711,800	20,288,200	215,000	15,400
2020		17,052,981	18,947,019	220,000	14,520
2021		18,508,646	17,491,354	230,000	13,600
2022		20,088,570	15,911,430	235,000	12,660
Thereafter		179,581,916	54,418,084	3,165,000	67,420
Total	\$_	265,420,013	148,579,987	4,270,000	139,860

Line of Credit

The RF maintains unsecured lines of credit, renewed annually subject to bank approval, in the amount of \$65.0 million of which \$28.7 million and \$17.4 million were outstanding as of June 30, 2017 and 2016, respectively. During fiscal 2017, the borrowing rates ranged between 1.50–2.25%. The terms of the lines include the specification that each draw must be repaid within one year.

(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) Operating Lease Obligations

The RF contracts with FRMC and various other entities to lease space as part of its mission to support SUNY research and partnerships. Future minimum payments, as of June 30, 2017, for lease terms in excess of one year are as follows:

Fiscal year	 FRMC	Other	Total
2018	\$ 7,014,458	5,922,453	12,936,911
2019	7,014,458	5,886,132	12,900,590
2020	7,014,458	5,667,980	12,682,438
2021	7,014,458	4,372,799	11,387,257
2022	7,014,458	2,909,077	9,923,535
Thereafter	 92,941,569	11,201,641	104,143,210
Total	\$ 128,013,859	35,960,082	163,973,941

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, 2017 and 2016 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.

(c) 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) 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, 2017 were available to be issued on October 19, 2017 and subsequent events have been evaluated through that date.

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
PEACE CORPS					-	
PEACE CORPS DIRECT PROGRAMS						***
PEACE CORPS TOTAL PEACE CORPS	08.000				=	\$25,269 \$25,269
DEPARTMENT OF AGRICULTURE					_	
DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS						
DEPARTMENT OF AGRICULTURE DEPARTMENT OF AGRICULTURE	10.000 10.000					\$12,674 \$7,659
DEPARTMENT OF AGRICULTURE	10.000					\$32,938
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH	10.001					\$155
AGRICULTURAL RESEARCH_BASIC AND APPLIED RESEARCH PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.001					\$1,326
CARE	10.025					\$91,092
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025					\$21,714
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.005					\$10,609
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025					\$10,609
CARE GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.025					\$3,111
GRANTS	10.200					\$8,538
COOPERATIVE FORESTRY RESEARCH COOPERATIVE FORESTRY RESEARCH	10.202 10.202					\$467,750 \$36,051
COOPERATIVE FORESTRY RESEARCH	10.202					\$375,985
COOPERATIVE FORESTRY RESEARCH HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS	10.202					\$800
PROGRAM	10.217				\$137,044	\$159,647
HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS PROGRAM	10.217				\$8,232	\$51,637
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH	10.219				ψ0,202	\$4,170
HIGHER EDUCATION - MULTICULTURAL SCHOLARS GRANT PROGRAM	10.220					\$11,964
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				\$80,241	\$187,016
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310				\$184,927 \$328,176	\$299,573 \$550,777
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				ψ320,170	\$10,204
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310					\$146,002 \$31,567
BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE						
COMPETITIVE GRANTS PROGRAM (BRDI) BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE	10.312					\$7,771
COMPETITIVE GRANTS PROGRAM (BRDI)	10.312					\$43,673
CAPACITY BUILDING FOR NON-LAND GRANT COLLEGES OF AGRICULTURE (NLGCA)	10.326					\$33,283
FORESTRY RESEARCH	10.652				\$57,660	\$61,027
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652				\$57,769	\$168,495 \$30,710
FORESTRY RESEARCH	10.652					\$22,608
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652					\$98,900 \$14,776
FORESTRY RESEARCH	10.652					\$52,296
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652					\$11,629 \$1,710
FORESTRY RESEARCH	10.652					\$66,997
FORESTRY RESEARCH URBAN AND COMMUNITY FORESTRY PROGRAM	10.652 10.675					\$10,291 \$68,470
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675					\$13,681
URBAN AND COMMUNITY FORESTRY PROGRAM URBAN AND COMMUNITY FORESTRY PROGRAM	10.675 10.675					\$30,678 \$10,057
SOIL AND WATER CONSERVATION	10.902					\$9,988
SOIL AND WATER CONSERVATION SOIL AND WATER CONSERVATION	10.902 10.902					\$173 \$59,089
SOIL AND WATER CONSERVATION	10.902					\$15,237
TOTAL DEPARTMENT OF AGRICULTURE DIRECT PROGRAMS DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS					\$854,049	\$3,354,498
DEPARTMENT OF AGRICULTURE	10.000		OREGON DEPARTMENT OF FORESTRY	N/A		\$22,910
DEPARTMENT OF AGRICULTURE	10.000		CHRISTMAS TREE FARMERS ASSOCIATION OF NEW YORK	N/A		\$11,419
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.000		REGENTS OF THE UNIVERSITY OF	N/A		ψ11,413
CARE	10.025		CALIFORNIA RIVERSIDE	S000766		\$29,309
PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL CARE	10.025		REGENTS OF THE UNIVERSITY OF CALIFORNIA RIVERSIDE	5000057		\$11,535
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.025		CALIFORNIA RIVERSIDE	S000857		\$11,555
GRANTS	10.200		UNIVERSITY OF MARYLAND	2555103	\$2,369	\$83,914
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS	10.200		RUTGERS UNIVERSITY	5958 NER16B Powell PO421247		\$5,893
			CUSTOM ELECTRONICS			
SMALL BUSINESS INNOVATION RESEARCH	10.212		INCORPORATED CUSTOM ELECTRONICS	P000026061		\$12,412
SMALL BUSINESS INNOVATION RESEARCH	10.212		INCORPORATED	P000026062		\$10,295
1890 INSTITUTION CAPACITY BUILDING GRANTS	10.216		FORT VALLEY STATE UNIVERSITY	2013CANFVSU13008		\$21,360
SECONDARY AND TWO-YEAR POSTSECONDARY AGRICULTURE EDUCATION CHALLENGE GRANTS	10.226		CORNELL UNIVERSITY	7335810367		\$1,275
EDUCATION CHALLENGE GRANTO	10.220		CONNECTICUT AGRICULTURAL	,33301030/		ψ1,Δ10
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		EXPERIMENT STATION	CAESAC201103		\$21,787
ACDICIII TUDE AND ECOD DESCADOU INITIATIVE (AESV	10.210		DENINGVILVANIA CTATE LINIVERCITA	474 (()		¢4.44.070
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310		PENNSYLVANIA STATE UNIVERSITY CORNELL UNIVERSITY	4716SUNYUSDA9703 70695-10242		\$141,070 \$32,060
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		PURDUE UNIVERSITY	8000067013-AG		\$8,761
BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE COMPETITIVE GRANTS PROGRAM (BRDI)	10.312		DREXEL UNIVERSITY	211030 - PO U0047638		\$1,990
			DUEVET OININERSIII	211030 - PO 0004/038		
FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM	10.331		FIELD AND FORK NETWORK	20167002525248		\$2,292
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760		\$458
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Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	•	\$532
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$139,336
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$27,286
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$9,561
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$85,996
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005288		\$256,801
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005284		\$849,594
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005289		\$132,932
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	C005287		\$372,967
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$150,966
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF TEMPORARY &	N/A		\$30,063
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$382,769
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	TBD		\$1,111,001
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN,	10.551		FAMILY SERVICES	TBD		\$69,875
INFANTS, AND CHILDREN SPECIAL SUPPLEMENTAL NUTRITION PROGRAM FOR WOMEN, INFANTS, AND CHILDREN	10.557 10.557		NYS DEPARTMENT OF HEALTH NYS DEPARTMENT OF HEALTH	DOH01-C30390GG-3450000 DOH01C30390GG3450000		\$406,865 \$1,002,770
SUMMER FOOD SERVICE PROGRAM FOR CHILDREN STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.559		NYS EDUCATION DEPARTMENT NYS OFFICE OF TEMPORARY &	140600630248		\$31,477
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021534		\$100,313
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021525		\$80,982
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005171		\$984,729
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005166		\$139,458
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005172		\$137,543
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005169		\$429,533
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$461,949
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD		\$1,114,776
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	NA		\$72,715
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		DISABILITY ASSISTANCE WATERSHED AGRICULTURAL	C005285		\$119,286
FORESTRY RESEARCH	10.652		COUNCIL UNITED STATES ENDOWMENT FOR	442		\$66,561
FORESTRY RESEARCH	10.652		FORESTRY AND COMMUNITIES INCORPORATED	E16-67		\$8,205
COOPERATIVE FORESTRY ASSISTANCE	10.664		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09871		\$106,713
			NYS DEPARTMENT OF	7,111,030,72		*****
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		ENVIRONMENTAL CONSERVATION	AMO8410		\$20,087
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM10293		\$57,810
PARTNERSHIP AGREEMENTS	10.699		HOBART AND WILLIAM SMITH COLLEGES	16CS11092000017Brockport		\$9,785
TOTAL DEPARTMENT OF AGRICULTURE PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF AGRICULTURE					\$2,369 \$856,418	\$9,389,976 \$12,744,474
DEPARTMENT OF COMMERCE						
DEPARTMENT OF COMMERCE DIRECT PROGRAMS CLUSTER GRANTS ECONOMIC DEVELOPMENT_TECHNICAL ASSISTANCE	11.020 11.303					\$38,516 \$18,691
ECONOMIC ADJUSTMENT ASSISTANCE ECONOMIC ADJUSTMENT ASSISTANCE	11.307 11.307					\$139,503 \$1,543
TRADE ADJUSTMENT ASSISTANCE FOR FIRMS SEA GRANT SUPPORT SEA GRANT SUPPORT	11.313 11.417 11.417					\$606,051 \$19,373 \$34,964
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417				\$1,733,423	\$35,767 \$2,996,011
FISHERIES DEVELOPMENT AND UTILIZATION RESEARCH AND DEVELOPMENT GRANTS AND COOPERATIVE AGREEMENTS PROGRAM	11.427					\$155,470
MARINE SANCTUARY PROGRAM CLIMATE AND ATMOSPHERIC RESEARCH	11.429 11.431					\$53,273 \$75,910
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431					\$73,027 \$52,571
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431 11.431		26			\$22,340 \$80,108 \$29,539
						+ _0,000

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
CLIMATE AND ATMOSPHERIC RESEARCH	11.431			, 3		\$98,668
CLIMATE AND ATMOSPHERIC RESEARCH ENVIRONMENTAL SCIENCES, APPLICATIONS, DATA, AND	11.431					\$33,583
EDUCATION	11.440				6445.005	\$20,644
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468				\$115,305	\$184,150 \$109,760
APPLIED METEOROLOGICAL RESEARCH	11.468					\$76,984
APPLIED METEOROLOGICAL RESEARCH	11.468					\$120,103
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468					\$169,720 \$102,819
APPLIED METEOROLOGICAL RESEARCH	11.468					\$106,026
APPLIED METEOROLOGICAL RESEARCH	11.468					\$50,669
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468					\$47,891 \$10,256
UNALLIED SCIENCE PROGRAM	11.472					\$51,724
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH_COASTAL OCEAN PROGRAM	11.478					\$17,858
CENTER FOR SPONSORED COASTAL OCEAN RESEARCH_COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.478					\$12,070
RESEARCH_COASTAL OCEAN PROGRAM MEASUREMENT AND ENGINEERING RESEARCH AND	11.478					\$15,132
STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND	11.609					\$49,243
STANDARDS SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION	11.609					\$125,326
OUTREACH SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620 11.620					\$12,618 \$6,036
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620					\$6,036
SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION OUTREACH	11.620					\$52,571
TOTAL DEPARTMENT OF COMMERCE DIRECT PROGRAMS DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS					\$1,848,728	\$5,912,544
DEPARTMENT OF COMMERCE	11.000		NATURE CONSERVANCY	SUNYUBCWFFstudy91714		\$10,918
DEPARTMENT OF COMMERCE INTEGRATED OCEAN OBSERVING SYSTEM (IOOS)	11.000 11.012		NATURE CONSERVANCY GREAT LAKES OBSERVING SYSTEM	SUNYUBCWFSCstudy61815 IOOS/NBN-04		\$2,238 \$20,057
SEA GRANT SUPPORT	11.417		VIRGINIA INSTITUTE OF MARINE SCIENCE	71858J 712684		\$38,293
SEA GRANT SUPPORT	11.417		VIRGINIA INSTITUTE OF MARINE SCIENCE	71858N 712684		\$25,500
SEA GRANT SUPPORT	11.417		UNIVERSITY OF CALIFORNIA AT SAN DIEGO	\$9000619		\$2,250
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	29092		\$882
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT UNIVERSITY OF ILLINOIS URBANA	28930 SUNY Platts		\$394
SEA GRANT SUPPORT	11.417		CHAMPAIGN	20140234209 Grant Code AA188		\$16,379
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	28155SUBSUNY		\$67,385
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	28155 SUNY Garneau		\$28,260 \$9,229
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT LOYOLA UNIVERSITY CHICAGO	28155 SUNY Leibensperger 516460Fredonia		\$8,154
SEA GRANT SUPPORT	11.417 11.417		UNIVERSITY OF VERMONT	N/A		\$56,621
CLIMATE AND ATMOSPHERIC RESEARCH	11.431		UNIVERSITY OF HAWAII	Z10129407		\$9,830
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432		UNIVERSITY OF MICHIGAN	3002475301		\$72,132
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432		UNIVERSITY OF MICHIGAN	3003218264		\$49,524
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432		UNIVERSITY OF MIAMI	AD23932 S17-19/ PO# AD23932		\$80,987
REGIONAL FISHERY MANAGEMENT COUNCILS	11.441		ATLANTIC STATES MARINE FISHERIES COMMISSION	160404		\$44,897
METEOROLOGIC AND HYDROLOGIC MODERNIZATION			UNIVERSITY CORPORATION FOR			
DEVELOPMENT	11.467		ATMOSPHERIC RESEARCH	Z1520543		\$9,084
APPLIED METEOROLOGICAL RESEARCH	11.468		UNIVERSITY OF MARYLAND	NA15NWS4680011		\$17,172
APPLIED METEODOLOGICAL DEGEADOLI			UNIVERSITY OF WISCONSIN			010.111
APPLIED METEOROLOGICAL RESEARCH	11.468		MILWAUKEE GLOBAL SCIENCE AND TECHNOLOGY	173405025AAB5883		\$13,441
CONGRESSIONALLY IDENTIFIED AWARDS AND PROJECTS	11.469		INCORPORATED	SA15SUNY01		\$58,234
UNALLIED SCIENCE PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.472		NORTH PACIFIC RESEARCH BOARD	1501A		\$133,985
RESEARCH_COASTAL OCEAN PROGRAM	11.478		UNIVERSITY OF TENNESSEE	A120074S001		\$19,923
EDUCATIONAL PARTNERSHIP PROGRAM	11.481		HOWARD UNIVERSITY	00081311000047290		-\$250
EDUCATIONAL PARTNERSHIP PROGRAM	11.481		HOWARD UNIVERSITY	00087561000058771		\$48,587
EDUCATIONAL PARTNERSHIP PROGRAM	11.481		HOWARD UNIVERSITY	00089711000067101		\$9,233
NOAA PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON-CONSTRUCTION AND CONSTRUCTION	11.483		HOUSING TRUST FUND CORPORATION	n/a	\$15,899	\$34,408
NOAA PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON-CONSTRUCTION AND CONSTRUCTION	11.483		UNIVERSITY OF MIAMI	S1512		\$197,015
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609		UNIVERSITY OF NEBRASKA	2605210129006	\$21,211	\$278,023
MEASUREMENT AND ENGINEERING RESEARCH AND STANDARDS	11.609		NANOELECTRONICS RESEARCH CORPORATION (NERC)	2013NE2399	\$1,563,772	\$1,613,934
TOTAL DEPARTMENT OF COMMERCE PASS THROUGH PROGRAMS	500		SS. SINTION (NERC)	2013/1/2033	\$1,600,882	\$2,976,719
TOTAL DEPARTMENT OF COMMERCE					\$3,449,610	\$8,889,263
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE DIRECT PROGRAMS	40.655					
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000					\$30,609 \$2,573
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000					\$2,573 \$2,573
DEPARTMENT OF DEFENSE	12.000					\$2,501
DEPARTMENT OF DEFENSE	12.000					\$141,632
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		27			\$95,696 \$100,310
DEPARTMENT OF DEFENSE	12.000		_,			\$53,520

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$9,004	\$10,537
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$11,812 \$314,362	\$68,361 \$603,987
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				φστ 1,002	-\$478
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$5,978
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$104,089 \$4,429
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$117,949
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$9,210
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$95,522 \$63,216
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$103,271
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$4,318
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$83,095 \$166,045
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$222,164
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$60,293
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$28,977 \$260,722
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$105,068
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$184,829
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$196,212 \$25,560
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$25,560 \$1,208
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$314,779
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$164,116
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$45,648 \$302,990
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$128,083
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$94,911
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$97,429 \$159,810
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$64,477
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$78,450
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$70,539 \$122,120
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$96,544
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$191,728
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300					\$364,260 \$1,562
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$50,484
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300					\$3,676
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.360 12.420				\$81,850 \$11,883	\$90,226 \$32,211
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$22,402	\$374,045
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$592
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					\$32,454 \$297,053
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$640
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$72
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					-\$3,080 \$224,557
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$53,047
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$54,932
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					\$130,980 \$16,581
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$52,628
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$1,931,214
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$259,404
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					\$158,018 \$158,305
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$39,424
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$135,156
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					\$106,778 \$147,141
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$126,958
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$61,706
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420					\$159,015 \$28,416
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420					\$106,717
BASIC SCIENTIFIC RESEARCH	12.431					\$46
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$51,940	\$82,265 \$115,819
BASIC SCIENTIFIC RESEARCH	12.431					\$79,325
BASIC SCIENTIFIC RESEARCH	12.431					\$15,911
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431					\$48,416 \$170,992
BASIC SCIENTIFIC RESEARCH	12.431					\$125,120
BASIC SCIENTIFIC RESEARCH	12.431					\$184,773
BASIC SCIENTIFIC RESEARCH	12.431					\$105,981
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431					\$151 \$90,895
BASIC SCIENTIFIC RESEARCH	12.431					\$51,702
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431					\$9,888
BASIC SCIENTIFIC RESEARCH	12.431 12.431					\$68,204 \$166,330
BASIC SCIENTIFIC RESEARCH	12.431					\$47,435
BASIC SCIENTIFIC RESEARCH	12.431					\$41,754
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431					\$28,498 \$15,786
BASIC SCIENTIFIC RESEARCH	12.431					\$53,772
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	40.000					**
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630					\$69,627
ENGINEERING	12.630					\$91,870
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$11,500	\$154,369
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800				\$48,887 \$140,336	\$282,738 \$190,284
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$149,236 \$197,277	\$190,284 \$427,705
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$10,924,047	\$26,540,140
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$344,407
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800					\$38,912 \$210,691
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$103,694
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800		28			\$200,440 \$100,670
ONGE DEI ENGE NEGEANOTI GGIENGES FROGRAM	.2.000					ψ100,070

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Amount Passed Through to	Federal
Federal Grantor/Program Title	Number	Identification	Name	Identifying Number	Sub-Recipients	Expenditures
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800					\$68,236 \$1,937
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$73,713
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$208,294
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$102,073
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800					\$49,693 \$73,281
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$156,369
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$5,542
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800					\$10,723
LANGUAGE GRANT PROGRAM	12.900					\$73,414
LANGUAGE GRANT PROGRAM LANGUAGE GRANT PROGRAM	12.900 12.900					\$2,873 \$5,174
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901					\$10,871
MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901					\$24,253
GENCYBER GRANTS PROGRAM	12.903					\$76,806
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910				\$222,708	\$353,277
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910					\$129,067 \$180,391
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910					\$57,610
TOTAL DEPARTMENT OF DEFENSE DIRECT PROGRAMS					\$12,056,908	\$42,002,979
DEPARTMENT OF DEFENSE PASS THROUGH PROGRAMS						***
DEPARTMENT OF DEFENSE	12.000		UNIVERSITY OF CENTRAL FLORIDA	232896		\$2,569
DEPARTMENT OF DEFENSE	12.000		CUBRC INCORPORATED	07875S2		\$19,134
			MAGNOLIA OPTICAL TECHNOLOGIES			
DEPARTMENT OF DEFENSE	12.000		INCORPORATED	W911QX13C0073		\$52,229
DEPARTMENT OF DEFENSE	12.000		CUBRC INCORPORATED	07932S2		\$86,997
DED A DELICATE OF DEFENDE			EWA GOVERNMENT SYSTEMS			***
DEPARTMENT OF DEFENSE	12.000		INCORPORATED	P140001879		\$33,246
DEDARTMENT OF SECTION			BRAINSCOPE COMPANY			**
DEPARTMENT OF DEFENSE	12.000		INCORPORATED	N/A		\$26,795
DEDARTMENT OF RESERVO	40.000		BRAINSCOPE COMPANY			* • • • •
DEPARTMENT OF DEFENSE	12.000		INCORPORATED	N/A		\$1,341
DEDARTMENT OF DEFENOE			REACTION ENGINEERING			6400 550
DEPARTMENT OF DEFENSE	12.000		INTERNATIONAL	82441		\$100,553
DEPARTMENT OF DEFENSE	12.000		BATTELLE MEMORIAL INSTITUTE	US0010000494186		\$12,239
DEPARTMENT OF DEFENSE	12.000		CFD RESEARCH CORPORATION	9154		\$24,968
DEDARTMENT OF DEFENCE	40.000		UNIVERSITY OF DAYTON RESEARCH	DCC4 COOF		¢42.527
DEPARTMENT OF DEFENSE	12.000		INSTITUTE	RSC16005		\$43,537
DEPARTMENT OF DEFENSE	12.000		DCS CORPORATION	APX02N009		\$190,295
DEPARTMENT OF DEFENSE	40.000		ANDRO COMPUTATIONAL	A CC4 C A E4 O D TO O O 4		\$49,917
DEPARTMENT OF DEFENSE	12.000		SOLUTIONS LLC	ACS16AF10BT0904		
DEPARTMENT OF DEFENSE	12.000		UNIVERSITY OF MARYLAND	Z9208105		\$382,627
DEPARTMENT OF DEFENSE	12.000		GRIFFISS INSTITUTE	NA W012D41CC0001		\$39,999 \$99,687
DEPARTMENT OF DEFENSE	12.000		WESSON GROUP LLC	W912P416C0001		\$6,088
DEFARTMENT OF DEFENSE	12.000		CREARE INCORPORATED GOVERNMENT OF ISRAEL MINISTRY	82909		φ0,000
DEPARTMENT OF DEFENSE	12 000		OF DEFENSE	4440751480		\$65,328
DEPARTMENT OF DEFENSE	12.000 12.000		MIT LINCOLN LABORATORY	4440751480 7000368307		\$20,000
DEL ALTIMENT OF DEFENSE	12.000		BRAINSCOPE COMPANY	7000308307		Ψ20,000
DEPARTMENT OF DEFENSE	12.000		INCORPORATED	N/A		\$20,100
DEPARTMENT OF DEFENSE	12.000		PURDUE UNIVERSITY	410579328		\$2,342
DELYNCIMENT OF DEFENCE	12.000		FORDOL ONIVERSITI	4103/3328		ψ 2, 042
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114		ROCKWELL COLLINS INCORPORATED	4504947155		\$18,546
COLD BOTOTTE NECESTATORY ME DEVELOT MENT	12.114		GENERAL ELECTRIC GLOBAL	4304347133		ψ10,010
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114		RESEARCH	401074061		\$263,631
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		OREGON STATE UNIVERSITY	N0268AA		\$939
BAGIO AND ALL FELED COLEMNI TO RECEARCH	12.300		FLORIDA INSTITUTE FOR HUMAN	NOZOSAA		φυσυ
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		AND MACHINE COGNITION	FA875012203481		\$140,441
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		OBJECTVIDEO INCORPORATED	N0001414P1155 N141075		\$757
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		IBM CORPORATION	5004630250		\$278,134
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		UNIVERSITY OF TENNESSEE	A160120S001/8500048764		\$8,686
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		CUBRC INCORPORATED	08003S2		\$45,577
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		CUBRC INCORPORATED	08005S1		\$97,467
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		CARNEGIE MELLON UNIVERSITY	1150141-358366		\$67,991
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		DUKE UNIVERSITY	3130659		\$79,739
SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS	12.000		VIRGINIA POLYTECHNIC INSTITUTE	3130033		ψ. 5,1 55
DESTRUCTION	12.351		AND STATE UNIV	450378-19245		\$96,837
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360		CH2MHILL	1306092		-\$4,919
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360		CH2MHILL	300407100322		\$53,337
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF MISSISSIPPI	N/A		\$1,093
ELECTRICAL MENT			WAKE FOREST UNIVERSITY HEALTH	N/O		ψ1,000
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SCIENCES	WFUHS441020SR-10		\$101,772
			CHEROKEE NATION TECHNOLOGY	1		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SOLUTIONS LLC	N/A		\$1,182
			CHEROKEE NATION TECHNOLOGY	.4		×-,=
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SOLUTIONS LLC	W81XWH12D00440013		-\$6,615
	-					×
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY OF ILLINOIS AT CHICAGO	W81XWH140281		\$63,000
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		HEALTH RESEARCH INC	14401		\$2,558
	-		CHEROKEE NATION TECHNOLOGY	-		
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SOLUTIONS LLC	W81XH12D00440020		\$6,514
			CHEROKEE NATION TECHNOLOGY			
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		SOLUTIONS LLC	W81XH12D00440020		\$95,874
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		TRUSTEES OF INDIANA UNIVERSITY	PO 1951529 IN4379810SBU		\$26,276
			UNIVERSITY OF NORTH CAROLINA AT			
BASIC SCIENTIFIC RESEARCH	12.431		CHARLOTTE	2013035802SUN		\$31,652
BASIC SCIENTIFIC RESEARCH	12.431		STAIB INSTRUMENTS INCORPORATED	A25781		\$27,124
BASIC SCIENTIFIC RESEARCH	12.431		TETRA TECH INCORPORATED	1112140		\$39,619
			29			
BASIC SCIENTIFIC RESEARCH	12.431		JADE THERAPEUTICS INCORPORATED	W81XWH-14-C-0025		\$2,483

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BASIC SCIENTIFIC RESEARCH	10.101		UNIVERSITY OF CALIFORNIA AT	VIVA CE E		\$60,690
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431		SANTA BARBARA UNIVERSITY OF CENTRAL FLORIDA MAGNOLIA OPTICAL TECHNOLOGIES	KK1655 336379		\$69,689 \$119,337
BASIC SCIENTIFIC RESEARCH	12.431		INCORPORATED	W911QX16C0029		\$32,814
BASIC SCIENTIFIC RESEARCH	12.431		UNIVERSITY OF TEXAS AT AUSTIN	UTA16000993		\$1,749
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		BATTELLE MEMORIAL INSTITUTE	US001-0000538406	\$12,642	\$33,748
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.030		DIGITAL MANUFACTURING AND	03001-0000338400	ψ12,012	φοσ,1 10
ENGINEERING	12.630		DESIGN INNOVATION INSTITUTE	150802	\$160,884	\$345,448
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		ACADEMY OF APPLIED SCIENCES	N/A		\$159
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND						
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630		ACADEMY OF APPLIED SCIENCES DIGITAL MANUFACTURING AND	N/A	# 00.000	\$15,900
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630		DESIGN INNOVATION INSTITUTE FLORIDA INTERNATIONAL	151103	\$33,636	\$112,127
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.630		UNIVERSITY UTAH STATE UNIVERSITY RESEARCH	80000217701		\$6,137
ENGINEERING	12.630		FOUNDATION NANO-BIO MANUFACTURING	CP0039811	2070 004	\$22,197
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		CONSORTIUM UNIVERSITY OF CALIFORNIA AT	FA86501327311-7	\$272,001	\$363,201
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		SANTA BARBARA REGENTS OF THE UNIVERSITY OF	KK1236		\$115,359
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		MINNESOTA REGENTS OF THE UNIVERSITY OF	A002727302		\$32,159
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		MINNESOTA BOARD OF REGENTS OF THE	A001650201		\$36,084
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY OF NEBRASKA REGENTS OF THE UNIVERSITY OF	2014123SC1		\$20,511
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		CALIFORNIA RIVERSIDE	S-000748		\$93,801
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		PENNSYLVANIA STATE UNIVERSITY	5301SUNYBAFOSR0158		\$71,214
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		ATA AEROSPACE LLC	NM15476		\$3,000
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		GRIFFISS INSTITUTE MINERVA SYSTEMS AND	PIA3-UP-Binghamton		\$18,187
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		TECHNOLOGIES LLC	Agreement 16093746		\$110,894
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		KITWARE INCORPORATED GOVERNMENT OF ISRAEL MINISTRY	K00189200S04		\$75,365
INFORMATION SECURITY GRANTS	12.902		OF DEFENSE	4440477335		\$1,029
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		FLEX TECH ALLIANCE	n/a	\$44,682	\$249,312
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		MOTIV SPACE SYSTEMS MICRON TECHNOLOGY INC	PO #54 HR00111190009	\$67,044	\$120,606 \$1,239,236
REGENTATIVE FEOTINGESST BEVEEN WENT	12.510		MASSACHUSETTS INSTITUTE OF	11100111190009		ψ1,200,200
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		TECHNOLOGY	5700019141		\$758,384
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		IBM CORPORATION	5005026260		\$287,473
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		MASSACHUSETTS INSTITUTE OF TECHNOLOGY BAE SYSTEMS INFORMATION &	5700019589		\$1,439,095
			ELECTRONIC SYSTEMS INTEGRATION			
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		INC BAE SYSTEMS CONTROLS	8452268/ SLIN# 5.1		\$141,429
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		INCORPORATED	209630		\$27,333
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		BOEING COMPANY	1238722		\$244,979
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2GG012363		\$77,517
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		BBN TECHNOLOGIES CORPORATION	14632		\$52,650 \$444,672
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		ANALOG PHOTONICS LLC FLEX TECH ALLIANCE	Sub-2-HR011-16-C-0108 P2.8		\$441,672 \$17,774
DESCRAPCITAND TECHNIQUOS DEVELOPMENT	10.010		BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS INTEGRATION	045226426110464		£20.004
RESEARCH AND TECHNOLOGY DEVELOPMENT TOTAL DEPARTMENT OF DEFENSE PASS THROUGH PROGRAMS	12.910		INC	84522612 SLIN#6.1	\$590,889	\$39,894 \$9.657.149
TOTAL DEPARTMENT OF DEFENSE PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF DEFENSE					\$590,889 \$12,647,797	\$51,660,128
CENTRAL INTELLIGENCE AGENCY						
CENTRAL INTELLIGENCE AGENCY PASS THROUGH PROGRAMS CENTRAL INTELLIGENCE AGENCY TOTAL CENTRAL INTELLIGENCE AGENCY	13.000		LEIDOS	P010182175		\$7,114 \$7,114
DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT PASS THROUGH PROGRAMS					_	
COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218		CITY OF YONKERS	412015		\$24,324
COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT GRANTS	14.218		CITY OF YONKERS	422016		\$75,699
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR)	14.269		HOUSING TRUST FUND CORPORATION	1297DR113	\$100,315	\$449,481
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR)	14.269		HOUSING TRUST FUND CORPORATION	NYRISE	\$796,321	\$796,321
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR)	14.269		HOUSING TRUST FUND CORPORATION	NYRISE		-\$46,905
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK			HOUSING TRUST FUND			
GRANT DISASTER RECOVERY GRANTS (CDBG-DR) TOTAL DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT	14.269		CORPORATION	na	\$896,636	\$256,532 \$1,555,452
DEDARTMENT OF THE INTERIOR			30		· · · · · · · · · · · · · · · · · · ·	<u> </u>

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
DEPARTMENT OF THE INTERIOR DIRECT PROGRAMS						***
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000					\$8,074 \$260
DEPARTMENT OF THE INTERIOR	15.000					\$1,125
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000					\$5,055 \$18,237
DEPARTMENT OF THE INTERIOR	15.000					\$8,567
BUREAU OF OCEAN ENERGY MANAGEMENT (BOEM) ENVIRONMENTAL STUDIES (ES)	15.423					\$167,574
FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608					\$1,893
PARTNERS FOR FISH AND WILDLIFE MIGRATORY BIRD JOINT VENTURES	15.631 15.637					\$20,485 \$15,095
RESEARCH GRANTS (GENERIC)	15.650					\$57,282
RESEARCH GRANTS (GENERIC) MIGRATORY BIRD MONITORING, ASSESSMENT AND	15.650					\$6,307
CONSERVATION	15.655					\$59,979
ENDANGERED SPECIES CONSERVATION? RECOVERY IMPLEMENTATION FUNDS	15.657				\$12,257	\$29,431
ENDANGERED SPECIES CONSERVATION? RECOVERY					Ų12,201	
IMPLEMENTATION FUNDS ENDANGERED SPECIES CONSERVATION ? RECOVERY	15.657					\$13,110
IMPLEMENTATION FUNDS	15.657					\$21,580
NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.658					\$11,702
GREAT LAKES RESTORATION	15.662					\$10,542
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662					\$13,027 \$57,323
GREAT LAKES RESTORATION	15.662					\$713
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662					\$15,457 \$7,759
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.677					\$74,835
ASSISTANCE TO STATE WATER RESOURCES RESEARCH INSTITUTES	15.805					\$8,465
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA						
COLLECTION U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA	15.808					\$27,370
COLLECTION	15.808					\$21,419
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808					\$130,793
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA						
COLLECTION U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA	15.808					\$91,253
COLLECTION	15.808					\$36,484
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808					\$27,074
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA						
COLLECTION NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND	15.808					\$59,149
TRAINING	15.923					\$4,353
AMERICAN BATTLEFIELD PROTECTION AMERICAN BATTLEFIELD PROTECTION	15.926 15.926					\$6,937 \$1,692
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?						
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$63,217
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$43,056
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$6,679
COOPERATIVE RESEARCH AND TRAINING PROGRAMS ?						
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$8,681
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$3,502	\$45,164
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$203,056
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?						
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$5,805
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$146,030
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$100,449
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	45.045					604.000
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$24,289
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$8,502
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$118,404
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM						
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$70,854
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$498
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$11,184
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$23,541
COOPERATIVE RESEARCH AND TRAINING PROGRAMS ?	13.543					\$20,541
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$32,573
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$35,998
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$7,378
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?						
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945					\$23,936
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945					\$5,279
TOTAL DEPARTMENT OF THE INTERIOR DIRECT PROGRAMS DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS					\$15,759	\$2,024,974
THE INTERIOR FACE TIME OF THE OCKAMO						
DEDARTMENT OF THE INTERIOR	45.000		NYS DEPARTMENT OF			***= :
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000		ENVIRONMENTAL CONSERVATION UNIVERSITY OF NEW HAMPSHIRE	AM10165 17-019		\$217,331 \$29,240
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FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE	45.001		NYS DEPARTMENT OF	,aasa-		***
MANAGEMENT	15.231		ENVIRONMENTAL CONSERVATION Shiversity of Illinois Urbana	AMO8625		\$648,757
SPORT FISH RESTORATION	15.605		CHAMPAIGN	20150491301		\$605

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
			TIOGA COUNTY SOIL AND WATER			
FISH AND WILDLIFE MANAGEMENT ASSISTANCE FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608 15.608		CONSERVATION DISTRICT CENTRAL MICHIGAN UNIVERSITY	N/A F63172		\$3,119 \$11,119
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION WILDLIFE MANAGEMENT INSTITUTE	AMO8649	\$87,328	\$830,846
MULTISTATE CONSERVATION GRANT	15.628		INCORPORATED TIOGA COUNTY SOIL AND WATER	201303	\$8,649	\$10,116
PARTNERS FOR FISH AND WILDLIFE	15.631		CONSERVATION DISTRICT PENNSYLVANIA FISH AND BOAT	NA		\$1,869
STATE WILDLIFE GRANTS STATE WILDLIFE GRANTS	15.634 15.634		COMMISSION ANTIOCH UNIVERSITY	2016 0428 01 4100072898 F17AP00046		\$43,647 \$7,400
			UNIVERSITY OF WISCONSIN STEVENS			
MIGRATORY BIRD JOINT VENTURES ENDANGERED SPECIES CONSERVATION? RECOVERY IMPLEMENTATION FUNDS	15.637		POINT	17-02		\$4,145
	15.657		COMMONWEALTH OF VIRGINIA NATIONAL FISH AND WILDLIFE	435051501	244.040	\$30,807
GREAT LAKES RESTORATION HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.662 15.677		FOUNDATION UNIVERSITY OF MAINE AT ORONO	050115048886 UMS988 F15AC00163	\$14,248	\$50,061 \$3,289
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.677		UNIVERSITY OF CONNECTICUT	KFS# 5631490 and RSA 68986		\$71,294
INSTITUTES ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.805		CORNELL UNIVERSITY	78963-10649		\$9,164
INSTITUTES ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.805		CORNELL UNIVERSITY	7896310647		\$10,334
INSTITUTES NATIONAL LAND REMOTE SENSING_EDUCATION OUTREACH	15.805		CORNELL UNIVERSITY	NA AVA ANYON		\$3,408
AND RESEARCH	15.815		AMERICAVIEW UNIVERSITY OF WISCONSIN AT	AV14NY01		\$25,767
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820		MADISON WESTERN NATIONAL PARKS	590K015		\$9,880
HISTORIC PRESERVATION FUND GRANTS-IN-AID AMERICAN BATTLEFIELD PROTECTION	15.904 15.926		ASSOCIATION CIVIL WAR TRUST	16-01 NPS Agreement GA228714001		\$6,839 \$92,112
AMERICAN BATTLEFIELD PROTECTION	15.926		RAYMOND W HARVEY POST 703 AMERICAN LEGION	ABPP Grant #GA-2287-16-010		\$42,315
NATIONAL HERITAGE AREA FEDERAL FINANCIAL ASSISTANCE			TEACHING THE HUDSON VALLEY	EA201704		\$500
NATIONAL HERITAGE AREA FEDERAL FINANCIAL ASSISTANCE	15.939		HUDSON RIVER VALLEY GREENWAY	NHA1602		\$3,000
COOPERATIVE RESEARCH AND TRAINING PROGRAMS ? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945		RUTGERS UNIVERSITY	5476 S2178225		\$9,686
NATIONAL PARK SERVICE CONSERVATION, PROTECTION, OUTREACH, AND EDUCATION	15.954		NATIONAL WRITING PROJECT CORPORATION	01NY09NPS2016		\$2,608
TOTAL DEPARTMENT OF THE INTERIOR PASS THROUGH PROGRAMS	10.001			0111103111 02010	\$110,225	\$2,179,258
TOTAL DEPARTMENT OF THE INTERIOR					\$125,984	\$4,204,232
DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE DIRECT PROGRAMS						
DEPARTMENT OF JUSTICE DEPARTMENT OF JUSTICE	16.000 16.000				\$55,044	\$148,929 \$311,840
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560					\$36,972
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					\$2,146
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					-\$15
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					\$98,020
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					\$251,440
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					\$208,517
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION,	16.560					\$176,040
AND DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560 16.560					\$46,761 \$21,987
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT GRADUATE RESEARCH FELLOWSHIPS	16.562					\$18,781
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS	16.562					\$30,360
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS	16.562					\$34,585
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS	16.562					\$43,522
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS	16.562					\$34,790
CRIMINAL JUSTICE RESEARCH AND DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS CRIMINAL JUSTICE RESEARCH AND	16.562					\$22,150
DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS CRIMINAL JUSTICE RESEARCH AND	16.562					\$13,282
DEVELOPMENT_GRADUATE RESEARCH FELLOWSHIPS	16.562					\$17,961 \$45,843
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS CODECTIONS TRANSMING AND STAFE DEVELOPMENT	16.582 16.582					\$45,843 \$23,739
CORRECTIONS_TRAINING AND STAFF DEVELOPMENT JUVENILE JUSTICE REFORM AND REINVESTMENT DEMONSTRATION PROGRAM	16.601 16.821					\$3,482 \$28,335
TOTAL DEPARTMENT OF JUSTICE DIRECT PROGRAMS DEPARTMENT OF JUSTICE PASS THROUGH PROGRAMS					\$55,044	\$1,619,467
DEPARTMENT OF JUSTICE	16.000		BUFFALO PROMISE NEIGHBORHOOD	N/A		\$14,729
CRIME VICTIM ASSISTANCE PUBLIC SAFETY PARTNERSHIP AND COMMUNITY POLICING	16.575		NYS OFFICE OF VICTIM SERVICES CENTER FOR PROBLEM ORIENTED	CIDMH2016		\$80,510
GRANTS VISION 21	16.710 16.826		32 POLICING NYS OFFICE OF VICTIM SERVICES	N/A		\$1,853 \$157,666
	10.020		MIS OTTICE OF VICTORI SERVICES	C2015CHSR		\$157,666

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
VISION 21	16.826		NYS OFFICE OF VICTIM SERVICES	N/A	Cus recipione	\$15,253
TOTAL DEPARTMENT OF JUSTICE PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF JUSTICE					\$55,044	\$270,011 \$1,889,478
						Ţ.,ozo,
DEPARTMENT OF LABOR DEPARTMENT OF LABOR DIRECT PROGRAMS						
H-1B JOB TRAINING GRANTS VETERAN'S PREFERENCE IN FEDERAL EMPLOYMENT	17.268 17.806					\$56,022 \$9,867
TOTAL DEPARTMENT OF LABOR DIRECT PROGRAMS	17.000				_	\$65,889
DEPARTMENT OF LABOR PASS THROUGH PROGRAMS DEPARTMENT OF LABOR	17.000		UNITED WAY OF LONG ISLAND	N/A		\$473
			GLOW WORKFORCE INVESTMENT	.4		*
WIA/WIOA YOUTH ACTIVITIES WIOA NATIONAL DISLOCATED WORKER GRANTS / WIA	17.259		BOARD	PY2015-16		\$816
NATIONAL EMERGENCY GRANTS	17.277		NYS DEPARTMENT OF LABOR	C015346		-\$4,018
WIA/WIOA DISLOCATED WORKER FORMULA GRANTS TRADE ADJUSTMENT ASSISTANCE COMMUNITY COLLEGE AND	17.278		NYS DEPARTMENT OF LABOR	C015345		\$49,619
CAREER TRAINING (TAACCCT) GRANTS	17.282		MONROE COMMUNITY COLLEGE	n/a		\$38,487
TOTAL DEPARTMENT OF LABOR PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF LABOR					_	\$85,377 \$151,266
					_	ψ101, <u>200</u>
DEPARTMENT OF STATE DEPARTMENT OF STATE DIRECT PROGRAMS						
DEPARTMENT OF STATE	19.000					\$17,604
DEPARTMENT OF STATE INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH	19.000					\$5,397
AFRICA EDUCATIONAL AND CULTURAL EXCHANGE PROGRAMS	19.021					\$152
APPROPRIATION OVERSEAS GRANTS	19.022					\$7,458
PUBLIC DIPLOMACY PROGRAMS PUBLIC DIPLOMACY PROGRAMS	19.040 19.040					\$212,540 \$24,700
PUBLIC DIPLOMACY PROGRAMS	19.040					\$9,744
IRAN ASSISTANCE PROGRAM IRAN ASSISTANCE PROGRAM	19.221 19.221					\$393,153 \$425,752
INTERNATIONAL PROGRAMS TO SUPPORT DEMOCRACY, HUMAN RIGHTS AND LABOR	19.345					\$106,668
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS -						
CITIZEN EXCHANGES BUREAU OF WESTERN HEMISPHERE AFFAIRS (WHA) GRANT	19.415					\$129,735
PROGRAMS (INCLUDING ENERGY AND CLIMATE PARTNERSHIP	19.750					\$4,085
FOR THE AMERICAS) EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$24,000	\$130,339
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901					\$85,533 \$65,495
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901					\$42,764
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901					\$63,641 \$128,484
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901					\$98,451
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901					\$3,870
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901					\$128,248 \$1,833
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901					\$25,459
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901					\$34,409 \$46,139
TOTAL DEPARTMENT OF STATE DIRECT PROGRAMS DEPARTMENT OF STATE PASS THROUGH PROGRAMS					\$24,000	\$2,191,653
ACADEMIC EXCHANGE PROGRAMS - UNDERGRADUATE						
PROGRAMS	19.009		PARTNERS OF THE AMERICAS INC	CBG2015R113		\$6,360
INVESTING IN PEOPLE IN THE MIDDLE EAST AND NORTH AFRICA	19.021		INTERNATIONAL RESEARCH AND EXCHANGES BOARD	FY16IULPSUNY01		\$18,483
INTERNATIONAL PROGRAMS TO SUPPORT DEMOCRACY,			NATIONAL ENDOWMENT FOR			
HUMAN RIGHTS AND LABOR PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS -	19.345		DEMOCRACY	2016360		\$24,861
CITIZEN EXCHANGES	19.415		ASPEN INSTITUTE	SECAGD15CA1065	\$25,000	\$244,985
PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS -			AMERICAN COUNCIL FOR			
CITIZEN EXCHANGES PROFESSIONAL AND CULTURAL EXCHANGE PROGRAMS -	19.415		INTERNATIONAL EDUCATION AMERICAN COUNCIL FOR	SECAGD15CA1045		\$46,650
CITIZEN EXCHANGES	19.415		INTERNATIONAL EDUCATION	SECAGD16CA1077		\$128,761
PUBLIC DIPLOMACY PROGRAMS FOR AFGHANISTAN AND						
PAKISTAN PUBLIC DIPLOMACY PROGRAMS FOR AFGHANISTAN AND	19.501		MERIDIAN INTERNATIONAL CENTER	SPK33011CA060		\$7,162
PAKISTAN	19.501		EURASIA FOUNDATION	W161015		\$23,242
EXPORT CONTROL AND RELATED BORDER SECURITY	10 001		PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE	SDMECO13C41010		¢22 475
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		PRESIDENT AND FELLOWS OF	SPMECO12CA1010		\$23,175
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		MIDDLEBURY COLLEGE	SLMAQM14CA1198		\$30,698
TOTAL DEPARTMENT OF STATE PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF STATE					\$25,000 \$49,000	\$554,377 \$2,746,030
DEPARTMENT OF TRANSPORTATION DEPARTMENT OF TRANSPORTATION DIRECT PROGRAMS						
DEPARTMENT OF TRANSPORTATION	20.000				\$350,986	\$631,864
DEPARTMENT OF TRANSPORTATION RESEARCH GRANTS	20.000 20.762					\$14,018 \$5,961
RESEARCH GRANTS	20.762					\$2,834
RESEARCH GRANTS RESEARCH GRANTS	20.762 20.762					\$10,587 \$1,187

TOTAL DEPARTMENT OF TRANSPORTATION DIRECT PROGRAMS DEPARTMENT OF TRANSPORTATION PASS THROUGH					\$350,986	\$666,451
PROGRAMS			W(CCO)(C:)			
DEPARTMENT OF TRANSPORTATION	20.000		WISCONSIN DEPARTMENT OF TRANSPORATION	00921605	\$8,817	\$77,381
DEPARTMENT OF TRANSPORTATION	20.000		ARORA AND ASSOCIATES PC	DTFH61-06-D-00037	φο,ο17	-\$19,823
DEPARTMENT OF TRANSPORTATION	20.000		NATIONAL ACADEMY OF SCIENCES	NCHRP172		\$204
DEPARTMENT OF TRANSPORTATION	20.000		STANTEC CONSULTING SERVICES INC	NA		\$9,987
DEPARTMENT OF TRANSPORTATION	20.000		33 CUBRC INCORPORATED	07988S1		\$96,645

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HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		NATIONAL ACADEMY OF SCIENCES	HR1293	\$40,834	\$165,127
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200 20.200		ROWAN UNIVERSITY CUBRC INCORPORATED	NA 08010S1		\$1,777 \$20,707
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		RENSSELAER POLYTECHNIC INSTITUTE RESEARCH FOUNDATION OF CITY	A90538		\$2,710
HIGHWAY PLANNING AND CONSTRUCTION	20.205		UNIVERSITY OF NEW YORK	555130127		\$238,795
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS EDUCATION DEPARTMENT RESEARCH FOUNDATION OF CITY	C010915		\$332
HIGHWAY PLANNING AND CONSTRUCTION	20.205		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491984227 556060227		\$37,338
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205		UNIVERSITY OF NEW YORK	558650126		\$69,760
HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205		GREEN OPTIONS BUFFALO NYS EDUCATION DEPARTMENT	NA C010915		\$4,367 \$205,157
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS EDUCATION DEPARTMENT RESEARCH FOUNDATION OF CITY	C010915		\$971,628
HIGHWAY PLANNING AND CONSTRUCTION	20.205		UNIVERSITY OF NEW YORK	57315-08-26		\$582
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205		MASER CONSULTING P.A. NYS EDUCATION DEPARTMENT	PIN 8761.31 C012872		\$8,892 \$30,187
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS EDUCATION DEPARTMENT	C012872		\$188,365
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS DEPARTMENT OF TRANSPORTATION	160083M		\$12,972
MOTOR CARRIER CAFETY ACCIPTANCE	00.040		NYS DEPARTMENT OF	6002404		# 140,000
MOTOR CARRIER SAFETY ASSISTANCE	20.218		TRANSPORTATION NYS DEPARTMENT OF	C003101		\$113,388
MOTOR CARRIER SAFETY ASSISTANCE	20.218		TRANSPORTATION	C003101		\$54,414
RECREATIONAL TRAILS PROGRAM	20.219		STANTEC CONSULTING SERVICES INC	n/a		\$8,277
RAILROAD RESEARCH AND DEVELOPMENT	20.313		KLD LABS INCORPORATED NYS GOVERNORS TRAFFIC SAFETY	BAA20142FRA		\$65,929
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		COMMITTEE NYS GOVERNORS TRAFFIC SAFETY	C002203		\$119,494
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		COMMITTEE	C002206		\$83,834
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002200		\$203,528
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002205		\$113,654
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002280		\$209,419
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002301		\$651,653
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE NATIONAL ASSOCIATION OF EMS	C002300		\$324,103
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		PHYSICIANS NYS GOVERNORS TRAFFIC SAFETY	N/A		\$21,873
NATIONAL PRIORITY SAFETY PROGRAMS	20.616		COMMITTEE RESEARCH FOUNDATION OF CITY	C002281		\$231,732
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491980327		\$3,171
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491980328		\$39,068
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981527		-\$116
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491982227		\$51,239
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981727		\$2,725
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981427		\$3,586
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK UNIVERSITY TRANSPORTATION	558640126		\$35,048
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH CENTER UNIVERSITY TRANSPORTATION	491983027		\$11,159
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH CENTER RESEARCH FOUNDATION OF CITY	49198-42-26		\$12,567
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981228		\$15,002
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981528		\$9,398
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981328		\$12,095
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491983928		\$28,371
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491982328		\$14,247
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	49198-24-28		\$2,937
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK UNIVERSITY TRANSPORTATION	491984628		\$42,905
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH CENTER UNIVERSITY TRANSPORTATION	49198-35-28		\$13,444
UNIVERSITY TRANSPORTATION CENTERS PROGRAM TOTAL DEPARTMENT OF TRANSPORTATION PASS THROUGH	20.701		RESEARCH CENTER	49198-20-28		\$14,662
PROGRAMS TOTAL DEPARTMENT OF TRANSPORTATION					\$49,651 \$400,637	\$4,635,896 \$5,302,347
POSTAL SERVICE						

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US POSTAL SERVICE	22.000	Identification	Name	identifying Number	Sub-Recipients	\$268,331
US POSTAL SERVICE US POSTAL SERVICE	22.000 22.000					\$144,402 \$21,907
US POSTAL SERVICE	22.000					\$7,409
US POSTAL SERVICE TOTAL POSTAL SERVICE DIRECT PROGRAMS	22.000					\$40,504 \$482,553
POSTAL SERVICE PASS THROUGH PROGRAMS						
US POSTAL SERVICE TOTAL POSTAL SERVICE PASS THROUGH PROGRAMS	22.000		LOCKHEED MARTIN	DW461522		\$17,328 \$17,328
TOTAL POSTAL SERVICE						\$499,881
APPALACHIAN REGIONAL COMMISSION APPALACHIAN REGIONAL COMMISSION DIRECT PROGRAMS APPALACHIAN REGIONAL DEVELOPMENT (SEE INDIVIDUAL						
APPALACHIAN PROGRAMS) APPALACHIAN AREA DEVELOPMENT	23.001 23.002					\$71,653 \$25,089
APPALACHIAN AREA DEVELOPMENT	23.002					\$52,183
APPALACHIAN AREA DEVELOPMENT TOTAL APPALACHIAN REGIONAL COMMISSION DIRECT	23.002					\$54,283
PROGRAMS APPALACHIAN REGIONAL COMMISSION PASS THROUGH PROGRAMS						\$203,208
APPALACHIAN RESEARCH, TECHNICAL ASSISTANCE, AND						
DEMONSTRATION PROJECTS TOTAL APPALACHIAN REGIONAL COMMISSION PASS THROUGH	23.011		EAST TENNESSEE STATE UNIVERSITY	22001615		\$2,818
PROGRAMS						\$2,818
TOTAL APPALACHIAN REGIONAL COMMISSION						\$206,026
OFFICE OF PERSONNEL MANAGEMENT OFFICE OF PERSONNEL MANAGEMENT DIRECT PROGRAMS INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$116,400
PROGRAM	27.011					\$87,300
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					-\$428
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$29,287
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$75,660
PROGRAM	27.011					\$5,171
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$70,600
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$23,502
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$54,786
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$63,491
PROGRAM	27.011					\$36,429
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$40,409
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$29,990
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$11,295
PROGRAM	27.011					\$21,718
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$12,047
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$13,377
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$44,103
PROGRAM	27.011					\$49,680
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$97,329
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$39,151
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY						
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$32,292
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011					\$38,524
PROGRAM	27.011					\$11,909
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011					\$25,239
TOTAL OFFICE OF PERSONNEL MANAGEMENT						\$1,029,261
NATIONAL AERONAUTICS & SPACE ADMINISTRATION NATIONAL AERONAUTICS & SPACE ADMINISTRATION DIRECT PROGRAMS						
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000					\$2,387
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000 43.000					\$72,488 \$26,073
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SCIENCE	43.000 43.001					\$9,930 \$4,397
SCIENCE	43.001					\$8,518
SCIENCE SCIENCE	43.001 43.001					\$29,057 \$25,010
SCIENCE SCIENCE	43.001					\$22,839
SCIENCE	43.001 43.001				-\$4,608	\$24,220 \$64,410
SCIENCE SCIENCE	43.001 43.001				\$357 \$16,400	\$80,545 \$21,977
SCIENCE	43.001				\$19,361	\$82,938
SCIENCE SCIENCE	43.001 43.001				\$28,835 \$29,286	\$95,266 \$76,457
SCIENCE SCIENCE	43.001 43.001				\$30,154 \$37,793	\$88,460 \$186,318
SCIENCE	43.001		35		\$48,420	\$113,831
SCIENCE	43.001				\$50,426	\$112,630

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SCIENCE SCIENCE	43.001 43.001				\$58,850 \$76,848	\$142,541 \$131,684
SCIENCE	43.001				\$104,813	\$172,946
SCIENCE	43.001				\$119,263 \$199,645	\$168,384
SCIENCE SCIENCE	43.001 43.001				\$199,045	\$735,422 \$31,916
SCIENCE	43.001					\$2,543
SCIENCE SCIENCE	43.001 43.001					\$32,713 \$56,218
SCIENCE	43.001					\$26,259
SCIENCE SCIENCE	43.001 43.001					\$114,703 \$10,724
SCIENCE	43.001					\$55,189
SCIENCE	43.001					\$65,924
SCIENCE SCIENCE	43.001 43.001					\$738 \$155,847
SCIENCE	43.001					\$70
SCIENCE SCIENCE	43.001					\$63,317
SCIENCE	43.001 43.001					\$50,118 \$130,964
SCIENCE	43.001					\$83,520
SCIENCE SCIENCE	43.001 43.001					\$30,471 \$113,944
SCIENCE	43.001					\$26,658
SCIENCE	43.001					\$4,281
SCIENCE SCIENCE	43.001 43.001					\$114,806 \$24,019
SCIENCE	43.001					\$2,231
SCIENCE	43.001					\$119,581
SCIENCE SCIENCE	43.001 43.001					\$25,271 \$135,980
SCIENCE	43.001					\$21,195
SCIENCE SCIENCE	43.001 43.001					\$12,766 \$38,025
SCIENCE	43.001					\$27,789
SCIENCE	43.001					\$9,257
AERONAUTICS EXPLORATION	43.002 43.003					\$6,504 \$26,267
EXPLORATION	43.003					\$205,556
EXPLORATION	43.003					\$48,301
EXPLORATION EXPLORATION	43.003 43.003					\$397,075 \$73,624
EDUCATION	43.008				\$57,029	\$77,295
CROSS AGENCY SUPPORT CROSS AGENCY SUPPORT	43.009 43.009					\$70,181 \$52,340
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION	43.009					ψ32,340
DIRECT PROGRAMS					\$872,872	\$5,042,908
NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS						
THROUGHT ROCKAMO			UNIVERSITIES SPACE RESEARCH			
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000		ASSOCIATION	0574301		\$84,986
			REGENTS OF THE UNIVERSITY OF			
SCIENCE	43.001		CALIFORNIA	0995SNB140		\$83,740
SCIENCE SCIENCE	43.001 43.001		JET PROPULSION LABORATORY ARIZONA STATE UNIVERSITY	1438780 1228404 12893		\$776 \$45,819
SCIENCE	43.001		JET PROPULSION LABORATORY	1457128		\$122,634
SCIENCE	43.001		JET PROPULSION LABORATORY	1467483		\$33,234
SCIENCE	43.001		JET PROPULSION LABORATORY	1472792		\$7,521
SCIENCE	43.001		REMOTE SENSING SYSTEMS	6003		\$36,882
			JOHNS HOPKINS UNIVERSITY APPLIED			
SCIENCE	43.001		PHYSICS LABORATORY	118431		\$2,682
SCIENCE	43.001		SPACE TELESCOPE SCIENCE INSTITUTE	HSTGO1338810A		\$299
COLLINGE	43.001		SMITHSONIAN ASTROPHYSICAL	1131001338810A		Ψ233
SCIENCE	43.001		OBSERVATORY	GO415068X		\$8,987
			JOHNS HOPKINS UNIVERSITY APPLIED			
SCIENCE	43.001		PHYSICS LABORATORY	123733		\$53,227
			CALIFORNIA INSTITUTE OF			
SCIENCE	43.001		TECHNOLOGY	1519738		\$70,471
SCIENCE	43.001		SPACE TELESCOPE SCIENCE INSTITUTE	HSTGO13831011A		\$4,915
	40.001		SMITHSONIAN ASTROPHYSICAL	113130313331011A		φ4,313
SCIENCE	43.001		OBSERVATORY	AR516005X		\$37,719
			NATIONAL SPACE BIOMEDICAL			
SCIENCE	43.001		RESEARCH INSTITUTE	SMST00007		\$65,876
SCIENCE SCIENCE	43.001		JET PROPULSION LABORATORY	RSA 1533692		\$35,400
SCIENCE	43.001 43.001		JET PROPULSION LABORATORY DUKE UNIVERSITY	1536860 3430542		\$31,183 \$1
SCIENCE	43.001		YALE UNIVERSITY	C16N12275N00190		\$11,927
	10.001		SMITHSONIAN ASTROPHYSICAL	01011122731100130		ψ11,021
SCIENCE	43.001		OBSERVATORY	GO617004X		\$3,102
SCIENCE	43.001		JET PROPULSION LABORATORY	1546528		\$1,110
SCIENCE	43.001		SPACE TELESCOPE SCIENCE INSTITUTE	HSTGO14177002A		\$22,408
SCIENCE SCIENCE	43.001 43.001		N2 BIOMEDICAL LLC JET PROPULSION LABORATORY	NP00778 1550022		\$30,000 \$143,662
30.2.102	-10.00 i		SMITHSONIAN ASTROPHYSICAL	1330022		ψ143,002
SCIENCE	43.001		OBSERVATORY	SV686017		\$27,686
SCIENCE	43.001		N2 BIOMEDICAL LLC	NP00892		\$1,983
AERONAUTICS	43.002		GEORGIA INSTITUTE OF TECHNOLOGY	RD368G1		\$33,245
AEPONALITICS	42.000		NATIONAL SPACE BIOMEDICAL	CNACTOR ADA		\$00E 400
AERONAUTICS EDUCATION	43.002 43.008		RESEARCH INSTITUTE CORNELL UNIVERSITY	SMST03401 76156-10491		\$225,102 \$7,517
EDUCATION	43.008		CORNELL UNIVERSITY	7615610492		\$15,776
EDUCATION	43.008		36 CORNELL UNIVERSITY	76156-10482		\$13,506
EDUCATION	43.008		CORNELL UNIVERSITY	7615610479		\$2,000

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
CROSS AGENCY SUPPORT SPACE TECHNOLOGY	43.009		UNIVERSITY OF MARYLAND	19983 Z6917002	•	\$5,630
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION PASS THROUGH PROGRAMS	43.012		JET PROPULSION LABORATORY	1529702	#070 070 -	\$37,124 \$1,308,130
TOTAL NATIONAL AERONAUTICS & SPACE ADMINISTRATION INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL					\$872,872	\$6,351,038
ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES						
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES DIRECT PROGRAMS						
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$710
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$10,000
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$14,970
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$730
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND INDIVIDUALS	45.024					\$3,018
PROMOTION OF THE HUMANITIES_CHALLENGE GRANTS PROMOTION OF THE HUMANITIES_DIVISION OF PRESERVATION						\$20,305
AND ACCESS PROMOTION OF THE HUMANITIES_FELLOWSHIPS AND	45.149					\$78,134
STIPENDS PROMOTION OF THE HUMANITIES_TEACHING AND LEARNING	45.160					\$3
RESOURCES AND CURRICULUM DEVELOPMENT PROMOTION OF THE HUMANITIES_PROFESSIONAL	45.162					\$4,844
DEVELOPMENT PROMOTION OF THE HUMANITIES_PROFESSIONAL	45.163					\$120,187
DEVELOPMENT PROMOTION OF THE HUMANITIES_PROFESSIONAL	45.163					\$55,968
DEVELOPMENT PROMOTION OF THE HUMANITIES_PROFESSIONAL	45.163					\$12,234
DEVELOPMENT PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS	45.163 45.164					\$1,632 \$8,073
PROMOTION OF THE HUMANITIES_PUBLIC PROGRAMS NATIONAL LEADERSHIP GRANTS	45.164 45.312				44	\$10,692 \$23,195
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR	45.313				36700	\$140,034
NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES DIRECT PROGRAMS					\$36,744	\$504,729
INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR						
THE HUMANITIES PASS THROUGH PROGRAMS PROMOTION OF THE HUMANITIES_FEDERAL/STATE			NEW YORK COUNCIL FOR THE			
PARTNERSHIP	45.129		HUMANITIES	2738611		\$1,493
TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES PASS THROUGH PROGRAMS TOTAL INSTITUTE OF MUSEUM AND LIBRARY SERVICES OR						\$1,493
NATIONAL ENDOWMENT FOR THE ARTS OR NATIONAL ENDOWMENT FOR THE HUMANITIES					\$36,744	\$506,222
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION DIRECT PROGRAMS						
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000					\$46,000 \$317,844
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000					\$79,487 \$237,492
NATIONAL SCIENCE FOUNDATION	47.000					\$209,944
NATIONAL SCIENCE FOUNDATION ENGINEERING GRANTS	47.000 47.041				-\$981	\$122,466 -\$981
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$2,166 \$13,182	\$34,965 \$113,111
ENGINEERING GRANTS	47.041				\$18,501	\$43,318
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$25,041 \$34,840	\$163,935 \$43,424
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$340,576	\$533,081 \$111
ENGINEERING GRANTS	47.041					\$141,145
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$69,811 \$23,345
ENGINEERING GRANTS	47.041					\$4,604
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$131,333 \$161,989
ENGINEERING GRANTS	47.041					\$1,470
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$53,207 \$2,948
ENGINEERING GRANTS	47.041 47.041					\$481 \$139,924
ENGINEERING GRANTS ENGINEERING GRANTS	47.041					\$4,696
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$37,883 -\$248
ENGINEERING GRANTS	47.041					\$59,742
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$13,486 \$25,802
ENGINEERING GRANTS	47.041					\$80,498
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$161,951 \$530
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$21,541 \$55,532
ENGINEERING GRANTS	47.041					\$8,421
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$200,981 \$123,092
ENGINEERING GRANTS	47.041					\$101,047
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$51,259 \$106,162
ENGINEERING GRANTS	47.041		27			\$2,541
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041		37			\$34,694 \$61,213

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
ENGINEERING GRANTS	47.041					\$99,206
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$24,684 \$14
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$71,152 \$66,008
ENGINEERING GRANTS	47.041					\$62,978
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$13,052 \$2,466
ENGINEERING GRANTS	47.041					\$37
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$96,269 \$68,969
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$44,131
ENGINEERING GRANTS	47.041					\$96,658 \$56,838
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$110,522 \$90,261
ENGINEERING GRANTS	47.041					\$89,923
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$155,887 \$119,833
ENGINEERING GRANTS	47.041					\$68,906
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$6,032 \$90,409
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$133,211 \$67,851
ENGINEERING GRANTS	47.041					\$12,359
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$96,896 \$20,703
ENGINEERING GRANTS	47.041					\$19,839
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$90,234 \$62,802
ENGINEERING GRANTS	47.041					\$80,179
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$17,481 \$31,821
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$12,863 \$67,494
ENGINEERING GRANTS	47.041					\$62,928
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$116,762 \$31,024
ENGINEERING GRANTS	47.041					\$110,367
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$54,454 \$84,007
ENGINEERING GRANTS	47.041					\$66,013
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$8,199 \$110,987
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$61,255 \$87,398
ENGINEERING GRANTS	47.041					\$11,558
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$114,079 \$54,161
ENGINEERING GRANTS	47.041					\$2,069
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$131,738 \$26,017
ENGINEERING GRANTS	47.041					\$85,670
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$55,102 \$577,929
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$36,029 \$54,894
ENGINEERING GRANTS	47.041					\$79,215
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$66,508 \$100,311
ENGINEERING GRANTS	47.041					\$57,283
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$27,281 \$13,526
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$70,193 \$16,702
ENGINEERING GRANTS	47.041					\$210,407
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$44,377 \$45,809
ENGINEERING GRANTS	47.041					\$99,920
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$9,904 \$84,467
ENGINEERING GRANTS	47.041					\$53,010
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$26,044 \$53,567
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$48,757 \$44,980
ENGINEERING GRANTS	47.041					\$36,690
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$28,906 \$6,428
ENGINEERING GRANTS	47.041					\$18,046
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$10,711 \$53,036
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$65,629 \$86,065
ENGINEERING GRANTS	47.041					\$41,446
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$103,484 \$60,712
ENGINEERING GRANTS	47.041					\$30,065
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$26,977 \$20,808
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041					\$44,364 \$1,846
ENGINEERING GRANTS	47.041					\$4,446
ENGINEERING GRANTS SCIENTIFIC RESEARCH PROJECT SUPPORT	47.041 47.047					\$19,724 \$16,832
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$1,595	\$72,284
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$5,714 \$6,720	\$92,263 \$113,955
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$53,520	\$71,375
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$56,658 \$1,858,572	\$202,979 \$2,319,088
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$26,191 \$84
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$718
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049		38			\$26,775 \$9,522

		Federal	Additional	Pass-Through	Pass-Through	Amount Passed	
Federal Grantor/Pro	ogram Title	CFDA Number	Additional Award Identification	Entity Name	Entity Identifying Number	Through to Sub-Recipients	Federal Expenditures
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$1,510 \$30,982
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$149,991
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$101,369 \$42,979
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$745 -\$34
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$36,750
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$821 \$87
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$43 \$425
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$40,681
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					-\$1,556 \$2,404
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$90,279 \$32,489
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$22,732
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$7,098 \$127,723
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$19 \$8,445
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$204,640
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$47,543 \$67,403
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$95,664 \$90,644
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$16,485 \$36,556
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$157,526
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$37,575 \$45,836
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$41,222 \$503
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$92,645
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$37,181 \$28,931
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.040					\$29,395
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$82,623 \$2,549
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$6,575 \$17,107
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$201,386 \$55,072
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$15,812
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$61,363 \$87,171
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$42,044 \$72,302
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$53,748
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$221,609 \$22,114
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$642
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$59,066 \$1,314
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$14,906 \$120,380
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$12,482 \$128,151
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$88,474
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$29,996 \$151,286
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$675,632 \$22,931
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$168,390
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$169,343 \$21,491
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$131,418 \$28,224
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$51,875
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$2,095 \$64,753
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$31,798 \$102,984
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$131,823
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$116,180 \$125,216
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$63,461 \$21,036
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$50,592
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$45,386 \$75,224
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$154,744 \$58,618
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$12,890
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$28,547 \$131,929
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$113,510 \$162,504
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$12,100
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$1,026 \$20,295
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$3,637 \$112,436
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$101,286
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$33,686 \$200
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$14,856 \$12,886
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049					\$101,071
MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049					\$117,681 \$96,336
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S		47.049 47.049					\$35,881 \$69,684
MATHEMATICAL AND PHYSICAL S MATHEMATICAL AND PHYSICAL S	SCIENCES	47.049 47.049	3	39			\$27,990 \$36,370
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	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Amount Passed Through to	Federal
Federal Grantor/Program Title MATHEMATICAL AND PHYSICAL SCIENCES	Number 47.049	Identification	Name	Identifying Number	Sub-Recipients	Expenditures \$42,810
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$111,592
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$268,915 \$127,431
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$44,087 \$135,154
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$135,154 \$123,740
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$124,990 \$92,312
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$10,000
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$53,446 \$68,424
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$46,910
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$76,409 \$169,105
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$74,368
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$217,104 \$146,357
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$219,566
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$2,661 \$202
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$172,296
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$158,318 \$19,271
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$26,272
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$198,324 \$37,981
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$53,116
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$20,319 \$11,134
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$157,591
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$105,989 \$2,977
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$148,381
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$15,797 \$50,324
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$143,445
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$59,777 \$32,006
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$43,402
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$31 \$25,136
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$46,076
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$67,400 \$48,648
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$177,474
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$138,912 \$24,398
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$65,323
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$92,261 \$58,608
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$6,998
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$334,175 \$55,988
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$2,099
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$103,103 \$65,640
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$36,055
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$62,280 \$333
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$54,655
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$41,402 \$76,811
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$80,803
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$112,264 \$44,640
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$17,890
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$34,222 \$47,242
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$28,322
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$117,950 \$23,897
MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$59,740
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$33,842 \$3,594
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$15,443 \$24,000
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$24,000 \$21,958
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049					\$28,184
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049					\$63,819 \$6,182
GEOSCIENCES GEOSCIENCES	47.050				\$3,110 \$14,005	\$63,924
GEOSCIENCES	47.050 47.050				\$14,005	\$18,911 \$76,748
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$33,127 \$438.970	\$76,008 \$679,232
GEOSCIENCES	47.050				ψ430,970	\$153,582
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$141,251 \$5,094
GEOSCIENCES	47.050					\$70,738
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$564 \$16,589
GEOSCIENCES	47.050					\$9,030
GEOSCIENCES GEOSCIENCES	47.050 47.050					-\$524 \$130,296
GEOSCIENCES	47.050					\$105,291
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$52,105 \$319,543
GEOSCIENCES	47.050					\$47,533
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$24,956 \$113,765
GEOSCIENCES	47.050					\$178,829
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$99,834 \$194,552
GEOSCIENCES	47.050		40			\$104,496
GEOSCIENCES	47.050					\$22,525

	Federal	Additional	Pass-Through	Pass-Through	Amount Passed	
Federal Grantor/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Through to Sub-Recipients	Federal Expenditures
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$24,053 \$289,934
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$54,612 \$78,449
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$352 \$1,525
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$170,468 \$74,056
GEOSCIENCES	47.050					\$91,647
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$120,661 \$98,028
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$10,067 \$15,671
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$33,942 \$75,709
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$2,648 \$15,048
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$73,857 \$139,852
GEOSCIENCES	47.050					\$31,296
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$61,789 \$96,722
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$6,509 \$1,219
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$81,269 \$81,283
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$11,570 \$144,796
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$89,481 \$60,939
GEOSCIENCES	47.050					\$79,372
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$35,444 \$8,594
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$109,052 \$3,873
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$32,181 \$97,722
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$80,681 \$135,312
GEOSCIENCES	47.050					\$17,773
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$60,205 \$101,327
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$85,400 \$102,115
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$156,686 \$74,301
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$75,483 \$67,941
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$117,676 \$99,976
GEOSCIENCES	47.050					\$49,110
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$102,321 \$49,345
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$132,399 \$1,540
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$61,231 \$16,896
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$14,312 \$10,531
GEOSCIENCES	47.050					\$1,699
GEOSCIENCES GEOSCIENCES	47.050 47.050					\$16,026 \$2,625
GEOSCIENCES COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.050 47.070				\$20,884	\$649 \$177,861
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$23,912 \$24,497	\$90,284 \$230,839
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$34,616 \$34,877	\$96,027 \$192,602
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$47,246 \$53,788	\$96,873 \$57,903
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$135,001	\$299,590
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$381,274	\$1,588,577 \$8,590
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$38,375 \$19,324
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$34,861 \$44,224
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$52,040 \$5,126
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$12,699
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$197,102 \$48,676
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					-\$5,307 \$46
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					-\$4,210 \$19,994
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$114,257 \$20,006
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070 47.070					\$1,847 \$35,077
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$8,556
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$7,952 \$56,366
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$78,514 \$105,848
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$77,981 \$66,043
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$63,458 \$57,868
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$67,014
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$41,375 \$61,792
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$74,084 \$26,735
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		41			\$104,148 \$66,669

Pass-Through

Pass-Through

Amount Passed

Additional

Federal

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Amount Passed Through to	Federal
Federal Grantor/Program Title	Number	Identification	Name	Identifying Number	Sub-Recipients	Expenditures
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$344
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$168,984 \$107,373
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$107,373 \$4,780
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$123,619
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$93,305
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$18,784
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$103,013 \$196,298
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$80,314
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$182,848
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$190,219
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$32,586 \$828
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$142,674
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$20,227
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$124,239
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$107,396 \$110,506
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$9,972
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$12,123
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$102,919
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$97,396 \$68,263
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$91,827
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$265,085
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$12,013
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$56,411 \$28,413
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$115,068
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$379,264
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$82,462
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$126,077 \$109,788
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$22,532
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$177,057
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$1,615
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$36,085 \$92,230
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$83,169
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$139,006
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$3,600
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$56,215 \$62,712
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$62,712 \$205,816
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$6,150
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$112,479
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$5,685
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$11,961 \$78,086
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$106,779
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$122,199
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$17,359
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$40,806 \$34,678
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$43,168
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$59,638
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$8,661
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$10,137 \$88,507
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$42,327
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$198,055
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$117,481
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$73,723 \$90,274
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$226,292
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$46,571
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$44,629
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$30,381 \$71,647
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$86,978
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$85,700
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$173,270 \$71,833
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$71,833 \$131,149
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$116,793
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$111,355
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$401,648 \$19,119
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$18,118 \$21,483
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$9,138
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$50,000
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$64,419
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$64,448 \$90,170
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$67,126
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$18,836
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$38,416
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$31,258 \$628
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$26,488
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$8,558
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$81,557 \$61,660
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$61,660 \$49,588
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$16,952
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$46,692
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$92,517 \$133,173
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$132,172 \$86,679
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$16,213
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$74,987
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$564,834 \$52,908
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		42			\$52,908 \$22,805
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		T£			\$77,977

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$63,156
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$45,041 \$76,392
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$51,357
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$23,437 \$2,444
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$23,718
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$52,420 \$18,182
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$16,169
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$134,509 \$16,558
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$5,492
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$22,988 \$20,591
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$54,758
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$42,700 \$301.858
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$301,858 \$28,846
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$52,071
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$56,160 \$35,732
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$104,757
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070					\$3,195 \$8,769
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070					\$6,339
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING BIOLOGICAL SCIENCES	47.070 47.074				\$837	\$35,098 \$207,438
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074				\$18,748	\$161,652
BIOLOGICAL SCIENCES	47.074				\$32,602	\$196,677
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$49,213 \$76,800	\$79,965 \$142,154
BIOLOGICAL SCIENCES	47.074				\$4,054,213	\$4,681,911
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$137,477 \$112,960
BIOLOGICAL SCIENCES	47.074					\$704
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$53,273 \$372
BIOLOGICAL SCIENCES	47.074					\$87,355
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					-\$101 \$66,513
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074					\$101,110
BIOLOGICAL SCIENCES	47.074					\$2,780
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$5,417 \$12,406
BIOLOGICAL SCIENCES	47.074					\$37,445
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$38,551 \$9,777
BIOLOGICAL SCIENCES	47.074					\$103,074
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$67,399 \$27,124
BIOLOGICAL SCIENCES	47.074					\$54,892
BIOLOGICAL SCIENCES	47.074					\$2,105
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$88,226 \$199,774
BIOLOGICAL SCIENCES	47.074					\$270,512
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$172,746 \$160,626
BIOLOGICAL SCIENCES	47.074					\$96,822
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$15,985 \$119,505
BIOLOGICAL SCIENCES	47.074					\$21,395
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$4,158 \$48,962
BIOLOGICAL SCIENCES	47.074					\$5,382
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$66,292 \$2,220
BIOLOGICAL SCIENCES	47.074					\$1,307
BIOLOGICAL SCIENCES	47.074					\$53,215
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$35,258 \$56,985
BIOLOGICAL SCIENCES	47.074					\$4,107
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$99,571 \$180,201
BIOLOGICAL SCIENCES	47.074					\$153,893
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$165,918 \$56,381
BIOLOGICAL SCIENCES	47.074					\$19,498
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$46,597 \$87,768
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$87,768 \$105,454
BIOLOGICAL SCIENCES	47.074					\$239,191
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$115,340 \$1,113,199
BIOLOGICAL SCIENCES	47.074					\$83,030
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$28,492 \$37,731
BIOLOGICAL SCIENCES	47.074					\$31,118
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$20,524 \$60,573
BIOLOGICAL SCIENCES	47.074					\$1,060
BIOLOGICAL SCIENCES	47.074					\$119,557 \$404.538
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$404,538 \$76,871
BIOLOGICAL SCIENCES	47.074					\$36,725
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$8,466 \$61,640
BIOLOGICAL SCIENCES	47.074					\$7,597
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074					\$13,110 \$22,559
BIOLOGICAL SCIENCES	47.074					\$86,692
BIOLOGICAL SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.074 47.075				\$278	\$75 \$25,580
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$8,262	\$23,813
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075		43		\$10,692 \$19,867	\$125,249 \$74,471
GODIAL, DETIAVIONAL, AND ECONOMIC SCIENCES	41.013				\$19,007	\$/4,4/1

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$20,705	\$143,376
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$29,009	\$45,982
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$42,885	\$54,902 \$47,759
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$4,710
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$5,122 \$1,584
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$9,556
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$6,262
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL. BEHAVIORAL. AND ECONOMIC SCIENCES	47.075 47.075					\$58 \$16,591
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$17,853
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$8,601 \$3
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					-\$157
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$20,075
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$27,812 \$1,735
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$3,334
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$88
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$107,750 \$18,469
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$2,801
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$21,706
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$14,170 \$20,489
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$819
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$23 \$11,735
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$5,588
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$2,235
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$2,439 \$92,063
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$10,256
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$153,347
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$52,242 \$64,890
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$630
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$186,899 \$125
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$5,088
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$108,837
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$2,749 \$71,523
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$3,816
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$84,751
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$237,104 \$114,432
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$12,757
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$4,697 \$12,387
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$7,672
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$1,617
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$1,978 \$10,228
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$19,594
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$16,197
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$88,797 \$14,358
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$52,407
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075					\$18,912 \$28,408
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075					\$2,932
EDUCATION AND HUMAN RESOURCES	47.076				\$1,198	\$14,312
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$13,216 \$16,975	\$58,103 \$48,441
EDUCATION AND HUMAN RESOURCES	47.076				\$27,000	\$48,968
EDUCATION AND HUMAN RESOURCES	47.076				\$29,842	\$100,512
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$40,000 \$41,651	\$269,410 \$158,209
EDUCATION AND HUMAN RESOURCES	47.076				\$43,427	\$540,505
EDUCATION AND HUMAN RESOURCES	47.076				\$44,023	\$119,442
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$67,621 \$73,287	\$160,407 \$301,228
EDUCATION AND HUMAN RESOURCES	47.076				\$92,857	\$1,044,471
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$183,026	\$1,030,102 -\$7,885
EDUCATION AND HUMAN RESOURCES	47.076					-\$7,665 \$43,898
EDUCATION AND HUMAN RESOURCES	47.076					\$116,599
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$5,516 \$10,773
EDUCATION AND HUMAN RESOURCES	47.076					\$34,894
EDUCATION AND HUMAN RESOURCES	47.076					\$27,858
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$87,500 \$224,937
EDUCATION AND HUMAN RESOURCES	47.076					\$92,884
EDUCATION AND HUMAN RESOURCES	47.076					\$161,129
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$11,025 \$15,044
EDUCATION AND HUMAN RESOURCES	47.076					\$70,218
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$214,711 \$147,985
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076					\$10,899
EDUCATION AND HUMAN RESOURCES	47.076					\$82,650
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$637,441 \$104,509
EDUCATION AND HUMAN RESOURCES	47.076					\$27,874
EDUCATION AND HUMAN RESOURCES	47.076					\$25,608
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$29,173 \$110
EDUCATION AND HUMAN RESOURCES	47.076					\$121,913
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$127,543 \$121,551
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$121,551 \$33,707
EDUCATION AND HUMAN RESOURCES	47.076		44			\$229,045
EDUCATION AND HUMAN RESOURCES	47.076					-\$56,237

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
EDUCATION AND HUMAN RESOURCES	47.076					\$151,457
EDUCATION AND HUMAN RESOURCES	47.076					\$209,572
EDUCATION AND HUMAN RESOURCES	47.076					\$114,345
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$84,399 \$156,883
EDUCATION AND HUMAN RESOURCES	47.076					\$161,212
EDUCATION AND HUMAN RESOURCES	47.076					\$21,051
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$14,712 \$39,976
EDUCATION AND HUMAN RESOURCES	47.076					\$423,734
EDUCATION AND HUMAN RESOURCES	47.076					\$32,058
EDUCATION AND HUMAN RESOURCES	47.076					\$164,569
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$39,219 \$36,406
EDUCATION AND HUMAN RESOURCES	47.076					\$64,161
EDUCATION AND HUMAN RESOURCES	47.076					\$65,947
EDUCATION AND HUMAN RESOURCES	47.076					\$30,674
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076					\$275,494 \$122,637
EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$134,972
EDUCATION AND HUMAN RESOURCES	47.076					\$19,151
EDUCATION AND HUMAN RESOURCES	47.076					\$14,036
EDUCATION AND HUMAN RESOURCES	47.076					\$43,439
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$77,178 \$108,385
EDUCATION AND HUMAN RESOURCES	47.076					\$15,760
EDUCATION AND HUMAN RESOURCES	47.076					\$24,363
EDUCATION AND HUMAN RESOURCES	47.076					\$19,826
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076					\$15,496 \$16,732
EDUCATION AND HUMAN RESOURCES	47.076					\$2,386
POLAR PROGRAMS	47.078					\$23,168
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078					\$6,520 \$27,513
POLAR PROGRAMS POLAR PROGRAMS	47.078 47.078					\$27,513 \$115,532
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079					\$42,805
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING TOTAL NATIONAL SCIENCE FOUNDATION DIRECT PROGRAMS	47.079				\$8,729,554	\$501,805 \$70,670,747
NATIONAL SCIENCE FOUNDATION PASS THROUGH PROGRAMS ENGINEERING GRANTS	47.041		CORNELL UNIVERSITY BOARD OF SUPERVISORS OF	6999010138		\$22,767
ENGINEERING GRANTS	47.041		LOUISIANA STATE UNIVERSITY	81656		\$43,971
ENGINEERING GRANTS	47.041		UNIVERSITY OF DELAWARE	33803		\$48,276
ENGINEERING GRANTS	47.041		CLARKSON UNIVERSITY	N/A		\$1,566
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041		HOCUSLOCUS LLC SHASQI INCORPORATED	IIP-1520807 N/A		\$2,734 \$30,584
ENGINEERING GRANTS ENGINEERING GRANTS	47.041		CHROMANANO TECH LLC	1548838		\$2,213
ENGINEERING GRANTS	47.041		WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST VIRGINIA UNIV.	11160UB		\$24,349
ENGINEERING GRANTS	47.041		BOSTON UNIVERSITY	4500002061		\$23,596
ENGINEERING GRANTS	47.041		TEGA THERAPEUTICS	IIP-1622959		\$78,874
			JADE THERAPEUTICS			
ENGINEERING GRANTS	47.041		INCORPORATED	IIP1430921		\$15,830
ENGINEERING GRANTS	47.041		NANOFIBER SOLUTIONS INCORPORATED	N/A		\$45,004
ENGINEERING GRANTS	47.041		X-THERMA INCORPORATED	NA NA		\$51,359
			REGENTS OF THE UNIVERSITY OF			***,***
ENGINEERING GRANTS	47.041		MICHIGAN	3004155742		\$30,908
ENCINEEDING CRANTS	47.041		ALA SCIENTIFIC INSTRUMENTS	20		100 002
ENGINEERING GRANTS MATHEMATICAL AND PHYSICAL SCIENCES	47.041 47.049		INC COLUMBIA UNIVERSITY	na 11GG006141 PHY1119200 - 52519		\$89,884 \$95,189
WATTERWATTONE AND THIT GIONE GOIENGEO	47.045		TRUSTEES OF PRINCETON	1100000141111111115200 52015		ψ55,165
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY	00002036		\$89
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF NOTRE DAME	NA		\$1,800
MATHEMATICAL AND PHYSICAL SCIENCES	47.040		PENNSYLVANIA STATE	4960CLINIVNICEEGGO		£3.3E0
IVIA I FIEIVIA I IOAL AIND FITT SICAL SCIENCES	47.049		UNIVERSITY RENSSELAER POLYTECHNIC	4860SUNYNSF5660		\$3,260
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		INSTITUTE	A12535		\$10,718
			BOARD OF REGENTS OF THE			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF NEBRASKA	2505210178008 14034401-107		\$36,245
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049		UTAH STATE UNIVERSITY JOHNS HOPKINS UNIVERSITY	14034401-107 2002798118		\$1,402 \$9,770
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF VERMONT	29648 SUB51861 SUNY		\$57,115
			UNIVERSITY OF CALIFORNIA AT			
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		SANTA BARBARA	KK1661		\$64,230 \$10,046
GEOSCIENCES	47.050		COLORADO STATE UNIVERSITY CONSORTIUM FOR OCEAN	G36241		\$10,046
GEOSCIENCES	47.050		LEADERSHIP	BA94		-\$1,554
			BROOKHAVEN SCIENCE			
GEOSCIENCES	47.050		ASSOCIATES LLC UNIVERSITY OF SOUTHERN	NA		\$54,257
GEOSCIENCES	47.050		CALIFORNIA	33510313		\$24,468
			UNIVERSITY OF CALIFORNIA AT			
GEOSCIENCES GEOSCIENCES	47.050 47.050		SAN DIEGO ARIZONA BOARD OF REGENTS	49752479 S9000556 124740		\$19,828 \$65,211
5200012.1020			ALLES TO THE OF REGENTS	127170		ψου, Στι
GEOSCIENCES	47.050		UNIVERSITY OF NEW HAMPSHIRE	14068		\$53,068
GEOSCIENCES	47.050		UNIVERSITY OF RHODE ISLAND	0001928081814		-\$2,164
GEOSCIENCES	47.050		VIRGINIA INSTITUTE OF MARINE SCIENCE	718403 712684		\$3,615
GEOSCIENCES	47.050 47.050		UNIVERSITY OF NEW MEXICO	13362387Y4		\$3,615 \$674,960
			ROCHESTER INSTITUTE OF	.555255.14		ψο. 4,000
GEOSCIENCES	47.050		TECHNOLOGY TRUSTEES OF COLUMBIA	31631 01		\$55,116
CEOSCIENCES	47.050		UNIVERSITY IN THE CITY OF NEW	ECCC000000		£40.40F
GEOSCIENCES GEOSCIENCES	47.050 47.050		YORK HEALTH RESEARCH INC	56GG009393 556601		\$18,465 \$15,976
GEOSCIENCES	47.050		HEALTH RESEARCH INC	559901		\$15,976 \$4,148
GEOSCIENCES	47.050		UNIVERSITY OF TENNESSEE	A140204S001		\$4,752
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		HARVEY MUDD COLLEGE	1314154401		\$5,928
COMPLITED AND INFORMATION SCIENCE AND ENGINEERING	47.070		PENNSYLVANIA STATE	4040CLINIVNICEOCCO		\$404.207
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY 45	4910SUNYNSF8669		\$101,207
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		COLLEGE OF NEW JERSEY (TCNJ)	F1495SUNYF 1348275		\$1,820
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Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL NORTHEASTERN UNIVERSITY	537214 50220178050		\$110,055 \$51,567
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		TRUSTEES OF INDIANA UNIVERSITY	PO1661434 BL-4848800 SUNY		\$148,270
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070 47.070		CORNELL UNIVERSITY PURDUE UNIVERSITY	7622110548 410173753		\$255,194 \$30,593
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		REGENTS OF THE UNIVERSITY OF MINNESOTA TRUSTEES OF INDIANA	A005220501		\$24,573
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY	BL4812516SUNY		\$72,010
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		PURDUE UNIVERSITY UNIVERSITY OF TEXAS VIRGINIA POLYTECHNIC	410177352 1000001384		\$12,243 \$37,365
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		INSTITUTE AND STATE UNIV PENNSYLVANIA STATE	479589-19245		\$77,237
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		UNIVERSITY CHICAGO ZOOLOGICAL SOCIETY UNIVERSITY OF MISSOURI - ST	4192-RFSUNY-NSF-2742 DEB1146198		\$11,666 \$6,425
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		LOUIS UNIVERSITY OF TENNESSEE	000355351 A130200S001		\$9,248 \$720
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF ROCHESTER	416079G		\$7,847
BIOLOGICAL SCIENCES	47.074		SYRACUSE UNIVERSITY	2645603378S01		\$1,519
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		WASHINGTON STATE UNIVERSITY UNIVERSITY OF GEORGIA	118996 G003356 RR2728155054266		\$309,558 \$12,491
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF WYOMING CARY INSTITUTE OF ECOSYSTEM	1002790ASUNYB		\$61,733
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		STUDIES STANFORD UNIVERSITY CARY INSTITUTE OF ECOSYSTEM	3189/200201783 61230239118374		\$12,928 \$79,473
BIOLOGICAL SCIENCES	47.074		STUDIES	3298 200201809		\$26,369
BIOLOGICAL SCIENCES	47.074		FLORIDA ATLANTIC UNIVERSITY TRUSTEES OF BOSTON	xR-K14		\$4,603
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		UNIVERSITY UNIVERSITY OF WYOMING	4500002091 1003260ASUNYB		\$26,116 \$12,398
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF FLORIDA	P0016611 UFDSP00011384		\$612
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF GEORGIA CARY INSTITUTE OF ECOSYSTEM	RR272671S001365		\$2,530
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		STUDIES BOYCE THOMPSON INSTITUTE	3340 200201859 17-01		\$1,665 \$18,513
BIOLOGICAL SCIENCES	47.074		HEALTH RESEARCH INC UNIVERSITY OF CALIFORNIA AT	558601		\$4,740
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075		SAN DIEGO UNIVERSITY OF CINCINNATI	10321141-SUB 008149/L13-4500067447		\$11,027 \$6,054
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		SYRACUSE UNIVERSITY	2821404124S03		\$25,571
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		ARIZONA STATE UNIVERSITY UNIVERSITY OF CALIFORNIA AT	16805		\$57,069
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075		SANTA BARBARA	KK1636 UFDSP00011551		\$34,495 \$53,074
EDUCATION AND HUMAN RESOURCES	47.076		UNIVERSITY OF FLORIDA UNIVERSITY OF MARYLAND REGENTS OF THE UNIVERSITY OF	Z415101		\$53,971 \$1,254
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076		COLORADO UNIVERSITY OF CHICAGO CALIFORNIA STATE UNIVERSITY	1000399012 FP058222B		\$4,815 \$7,007
EDUCATION AND HUMAN RESOURCES	47.076		SAN BERNARDINO	GT14159		\$12,750
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076		MICHIGAN STATE UNIVERSITY KENNESAW STATE UNIVERSITY	RC105254BSU 431204SUNYSB01		\$6,563 \$19,403
EDUCATION AND HUMAN RESOURCES	47.076 47.076		VENTUREWELL THE RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	NSF Award 1125457 GA11032151358		\$54
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076		AMERICAN EDUCATIONAL RESEARCH ASSOCIATION	N/A		\$11,559 \$16,208
EDUCATION AND WHAN DESCRIPTOR	47.070		NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE	0000000		047.400
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076		UNIVERSITY MUSEUM OF SCIENCE BOSTON PRESIDENT AND FELLOWS OF	260209B N/A		\$17,123 \$1,187
EDUCATION AND HUMAN RESOURCES	47.076		HARVARD COLLEGE	1360135101128		\$14,159
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		WILLIAM MARSH RICE UNIVERSITY MICHIGAN TECHNOLOGICAL	R3C75D		\$2,893
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		UNIVERSITY VIRGINIA POLYTECHNIC	1110090Z5 PO# P0090504		\$46,172
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING TOTAL NATIONAL SCIENCE FOUNDATION PASS THROUGH	47.079 47.079		INSTITUTE AND STATE UNIV CRDF GLOBAL	47947719B88 OISE16621340		\$99,759 \$23,878
PROGRAMS TOTAL NATIONAL SCIENCE FOUNDATION					\$8,729,554	\$3,804,112 \$74,474,859
SMALL BUSINESS ADMINISTRATION						
SMALL BUSINESS ADMINISTRATION DIRECT PROGRAMS SMALL BUSINESS DEVELOPMENT CENTERS	59.037				\$28,941	\$657,274
SMALL BUSINESS DEVELOPMENT CENTERS	59.037				\$40,177	\$40,177
SMALL BUSINESS DEVELOPMENT CENTERS SMALL BUSINESS DEVELOPMENT CENTERS	59.037 59.037				\$1,427,846 \$3,029,974	\$2,882,673 \$3,519,946
SMALL BUSINESS DEVELOPMENT CENTERS VETERANS OUTREACH PROGRAM	59.037 59.044				\$27,761	\$230,205 \$33,091
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM					Φ21,101	\$64,801
FEDERAL AND STATE TECHNOLOGY PARTNERSHIP PROGRAM ENTREPRENEURIAL DEVELOPMENT DISASTER ASSISTANCE	59.058					\$11,299
(DISASTER RELIEF APPROPRIATIONS ACT)	59.064				\$540,958	\$690,890
TOTAL SMALL BUSINESS ADMINISTRATION DIRECT PROGRAMS					\$5,095,657	\$8,130,356
SMALL BUSINESS ADMINISTRATION PASS THROUGH PROGRAMS			CONNECTICUT CENTER FOR			
SMALL BUSINESS ADMINISTRATION	59.000		ADVANCED TECHNOLOGY INCORPORATED	12K031		\$11,425
TOTAL SMALL BUSINESS ADMINISTRATION PASS THROUGH PROGRAMS						\$11,425
TOTAL SMALL BUSINESS ADMINISTRATION			46		\$5,095,657	\$8,141,781
DEPARTMENT OF VETERANS AFFAIRS						

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
DEPARTMENT OF VETERANS AFFAIRS DIRECT PROGRAMS				,,	Cub Noorprome	
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$3,046 \$25,182
VETERANS BENEFITS ADMINISTRATION	64.000					\$35,256
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$698 \$2,857
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$36,660 \$35,644
VETERANS BENEFITS ADMINISTRATION	64.000					\$75,022
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$17,040 \$72,750
VETERANS BENEFITS ADMINISTRATION	64.000					\$20,005
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$65,018 \$41,673
VETERANS BENEFITS ADMINISTRATION	64.000					\$50,141
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$42,788 \$32,100
VETERANS BENEFITS ADMINISTRATION	64.000					\$10,718
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000					\$10,409 \$14,074
VETERANS BENEFITS ADMINISTRATION	64.000					\$17,990
VETERANS BENEFITS ADMINISTRATION VETERANS DEPENDENCY AND INDEMNITY COMPENSATION	64.000					\$2,075
FOR SERVICE-CONNECTED DEATH	64.110					\$1,438
TOTAL DEPARTMENT OF VETERANS AFFAIRS					_	\$612,584
ENVIRONMENTAL PROTECTION AGENCY ENVIRONMENTAL PROTECTION AGENCY DIRECT PROGRAMS						
LONG ISLAND SOUND PROGRAM	66.437				\$5,862	\$11,892
LONG ISLAND SOUND PROGRAM NATIONAL ESTUARY PROGRAM	66.437 66.456				\$151,287	\$160,629 \$6,494
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461					\$97
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461 66.461					\$53,180 \$84,573
GREAT LAKES PROGRAM	66.469					\$78,781
GREAT LAKES PROGRAM	66.469					\$19,655
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM					\$173	\$173
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM					\$14,740	\$115,438 \$469
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM SCIENCE TO ACHIEVE RESULTS (STAR) FELLOWSHIP PROGRAM	66.514					\$469 \$12,968
P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR SUSTAINABILITY	66.516					\$39,338
TOTAL ENVIRONMENTAL PROTECTION AGENCY DIRECT					6470.000	
PROGRAMS ENVIRONMENTAL PROTECTION AGENCY PASS THROUGH PROGRAMS					\$172,062	\$583,687
ENVIRONMENTAL PROTECTION AGENCY	66.000		NYS ENVIRONMENTAL FACILITIES CORPORATION	584 C792050200		\$2,336
ENVIRONMENTAL PROTECTION AGENCY	66.000		AMEC FOSTER WHEELER	EPW15003		\$770
ENVIRONMENTAL PROTECTION AGENCY	66.000		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AMO9283		\$4,254
			NYS DEPARTMENT OF			
ENVIRONMENTAL PROTECTION AGENCY	66.000		ENVIRONMENTAL CONSERVATION NYS DEPARTMENT OF	AMO10009		\$35,946
ENVIRONMENTAL PROTECTION AGENCY	66.000		ENVIRONMENTAL CONSERVATION	AMO10010		\$65,820
ENVIRONMENTAL PROTECTION AGENCY REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.000 66.461		AMEC FOSTER WHEELER ADIRONDACK PARK AGENCY	EPW16015 N/A		\$3,395 \$7,913
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461		NATURESERVE	NY029FY17		\$8,001
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469		CLARKSON UNIVERSITY CLARKSON UNIVERSITY	375325742 PO CLKSN70630 375325741		\$7,404 \$18,377
GREAT LAKES PROGRAM	66.469		CENTRAL MICHIGAN UNIVERSITY	GL00E006120		\$85,890
GREAT LAKES PROGRAM	66.469		CORNELL UNIVERSITY DUCKS UNLIMITED	6850010015		\$211,694
GREAT LAKES PROGRAM	66.469		INCORPORATED	USNY1702		\$27,863
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469		CLARKSON UNIVERSITY INDIANA UNIVERSITY	10017901PO88281 BL4339905SU		\$29,556 \$5,563
GREAT LAKES PROGRAM	66.469		CLARKSON UNIVERSITY	100621-2 PO# CLKSN-0000089722		\$297,237
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469		CLARKSON UNIVERSITY CENTRAL MICHIGAN UNIVERSITY	PO89900 F62951		\$66,296 \$96,662
GREAT LAKES PROGRAM	66.469		STATE UNIVERSITY OF NEW YORK	C001263		\$69,215
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM			UNIVERSITY OF MICHIGAN WATER ENVIRONMENT RESEARCH FOUNDATION	3003788506 STARWR3SG16		-\$3,956 \$26,442
, ,	00.000			6774.VIII.00010		Ψ20,112
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757		\$6,104
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757		\$134,127
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09757		\$1,490
PERFORMANCE PARTNERSHIP GRANTS	66.605		NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION	AM09358		\$61,465
ENVIRONMENTAL EDUCATION GRANTS	66.951		SYRACUSE UNIVERSITY	2822004178S01		\$2,012
TOTAL ENVIRONMENTAL PROTECTION AGENCY PASS THROUGH PROGRAMS						\$1,271,876
TOTAL ENVIRONMENTAL PROTECTION AGENCY					\$172,062	\$1,855,563
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY DIRECT PROGRAMS						
DEPARTMENT OF ENERGY	81.000					\$879,795
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		4=			\$276,374 \$5,059
DEPARTMENT OF ENERGY	81.000		47			\$200,283
DEPARTMENT OF ENERGY	81.000					\$10,136

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$9,301	\$281,279
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$17,069	\$44,762
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$17,628 \$19,949	\$20,982 \$42,630
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$22,820	\$136,220
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$23,921 \$125,104	\$133,867 \$162,792
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$292,293	\$298,793
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$762,106 \$1,716,645	\$1,795,287 \$3,097,773
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				* * * * * * * * * * * * * * * * * * * *	\$306,413
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$341,849 \$316.663
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$935,194
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$782,678 \$61,330
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$309,113
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$99,053 \$92,091
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$68,421
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$44,365 \$135,256
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$122,582
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					-\$1,291 \$114,895
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$15,500
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$286 \$113,420
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$737,379
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$3,466 \$877
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$106,361
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$153,140 \$24,586
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					-\$423
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$384,095 \$135,843
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$137,311
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$37,109 \$88,586
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$25,996
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$98,154 \$92,191
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$120,657 \$7,877
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049					\$3,098
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049					\$1,135 \$99,953
CONSERVATION RESEARCH AND DEVELOPMENT	81.086					\$13,435
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086				\$34,398	\$390,104 \$324,082
CONSERVATION RESEARCH AND DEVELOPMENT	81.086					\$138,800
CONSERVATION RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.086 81.087				\$12,134	\$168,269 \$391,636
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				\$24,185	\$34,728
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087				\$78,090 \$1,452,666	\$196,852 \$2,559,158
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087					-\$1,292
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.087 81.089					\$39,975 \$436,718
STEWARDSHIP SCIENCE GRANT PROGRAM STEWARDSHIP SCIENCE GRANT PROGRAM	81.112 81.112					\$24,750 \$281,500
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY	81.135				\$46,921	\$303,896
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY TOTAL DEPARTMENT OF ENERGY DIRECT PROGRAMS	81.135				\$149,280 \$4,804,510	\$389,797 \$19,193,649
DEPARTMENT OF ENERGY PASS THROUGH PROGRAMS					ψ4,004,010	ψ13,130,043
DEPARTMENT OF ENERGY	81.000		REGENTS OF THE UNIVERSITY OF CALIFORNIA	6978802		\$84,627
			REGENTS UNIVERSITY OF			** /*
DEPARTMENT OF ENERGY	81.000		CALIFORNIA, LAWRENCE BERKELEY	7063673		\$21,889
			BECHTEL MARINE PROPULSION			
DEPARTMENT OF ENERGY	81.000		CORPORATION	7015811		\$117,106
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	00147069		\$69,617
DEPARTMENT OF ENERGY	81.000		NATIONAL RENEWABLE ENERGY LABORATORY	ZEJ-5-42250-01		\$29,675
DEPARTMENT OF ENERGY	81.000		LOS ALAMOS NATIONAL SECURITY LLC	308122		\$37,070
DEFACTIVIENT OF ENERGY	81.000		LLC			\$37,070
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES ENVIRO COMPLIANCE SOLUTIONS	TOA-312 - File 3091.02		\$400
DEPARTMENT OF ENERGY	81.000		INCORPORATED	NA		\$143,313
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	166509		\$62,295
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES	TOA-326 File: 3118.00		\$11,566
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		SANDIA NATIONAL LABORATORIES UT BATTELLE LLC	1616890 4000145493		\$17,869 \$16,121
DEPARTMENT OF ENERGY	81.000		PACIFIC NORTHWEST NATIONAL LABORATORY	291171		\$31,067
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	171009		\$20,546
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	171087		\$151,550
DEPARTMENT OF ENERGY	81.000		SANDIA NATIONAL LABORATORIES	1653754		\$29,643
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES	TAO-313 KSO File 3072.01		\$5,260
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES	IV 307 10 File 3108.02		\$890 \$30,440
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		UT BATTELLE LLC PACIFIC NORTHWEST NATIONAL 48 LABORATORY	4000151496 325820		\$30,119 \$24,669
	2000			323023		Ψ24,000

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		LOS ALAMOS NATIONAL SECURITY LLC UT BATTELLE LLC	421987 4000152739		\$4,006 \$22,277
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	145974		\$5,423
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	189902		\$6,188
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	210367		\$22,629
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	218985		\$40,525
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	218994		\$7,176
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	218993		\$18,467
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	220884		\$5,109
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	220887		-\$2,915
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	229098		\$49,610
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	228930		\$4,347
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	229147		\$6,763
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	243787		\$44,660
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	249024		\$42,585
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	245049		\$5,971
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	243765		\$26,069
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	251582		
			BROOKHAVEN SCIENCE			\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE ASSOCIATES LLC	252993		\$40,758
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE	258059		\$2,096
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	256907		\$5,585
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	263026		\$6,106
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	279312		\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	267465		\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	267077		\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	279307		\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	267472		\$44,881
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	271974		\$5,346
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	278008		\$36,073
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	279514		\$41,430
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	285034		\$40,534
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	288825		-\$2,923
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	288447		\$44,660
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	289986		\$47,323
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	293767		\$38,382
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	294250		\$46,289
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	295283		\$36,676
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	295885		\$45,354
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	296120		\$40,931
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	300625		\$6,177
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	301308		\$3,016
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	299418		\$54,794
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	301778		\$16,211
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	299425		\$46,215
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC	305224		\$67,223
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC TRUSTEES OF PRINCETON	308906		\$7,825
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY	S014793H		\$14,263
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	309030		\$501
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	309944		\$31,325
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	313479		\$13,561
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	313056		\$24,191
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	314009		\$24,613
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		49BROOKHAVEN SCIENCE ASSOCIATES LLC	314480		\$45,728

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OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	312631		\$40,498
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	315223		\$47,177
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	315007		\$6,000
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	314578		\$8,807
			BROOKHAVEN SCIENCE			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	315173		\$17,512
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	315617		\$38,600
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	317196		\$39,667
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	315845		\$30,557
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	319267		\$14,794
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	321431		\$29,207
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC TRUSTEES OF PRINCETON	322325		\$22,820
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY BROOKHAVEN SCIENCE	S015348H		\$22,658
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	325447		\$18,800
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC	325442		\$16,706
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	327976		\$19,966
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	329688		\$3,306
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		GENERAL ATOMICS BROOKHAVEN SCIENCE	4500067224		\$9,806
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	329810		\$1,235
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	330943		\$967
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	332593		\$1,102
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC	332991		\$2,442
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	333318		\$2,647
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	329690		\$621
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		AEGIS TECHNOLOGY BROOKHAVEN SCIENCE	Agreement 09061228		-\$10
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		ASSOCIATES LLC BATTELLE	200934 174303		\$43,529 \$6
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BATTELLE ENERGY ALLIANCE LLC	00129362		-\$8
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	241375		\$14,772
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		SYDOR INSTRUMENTS LIMITED LIABILITY CORPORATION	Sydor		\$930
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		CENTRAL MICHIGAN UNIVERSITY BROOKHAVEN SCIENCE	Subaward Agreement 621191		\$1,443
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC	255667		\$39,205
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	263414		\$3,884
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		RESERVOIR LABS INCORPORATED	DESC00009678 ReservoirPUMA		\$3,321
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	278191		\$11,177
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	281703		\$77,677
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT BATTELLE LLC	4000137360		-\$338
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		SANDIA NATIONAL LABORATORIES BROOKHAVEN SCIENCE	1577660		\$146,025
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		ASSOCIATES LLC BATTELLE	295445 264226		\$22,002 \$83,085
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		HOFSTRA UNIVERSITY SYDOR INSTRUMENTS LIMITED	DESC0001985		\$17,420
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		LIABILITY CORPORATION	Sydor BPO10955		-\$1,336
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF WASHINGTON SENTIENT SCIENCE			\$236,548
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		CORPORATION AERODYNE RESEARCH	N/A		\$136
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		INCORPORATED UT BATTELLE LLC	ARI111251 4000144555		\$300,940 \$1,318
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	300438		\$4,562
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PACIFIC NORTHWEST NATIONAL LABORATORY	283195		\$39,869
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		LOS ALAMOS NATIONAL SECURITY LLC	367958		\$265,273
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	308451		\$121,315
			BROOKHAVEN SCIENCE			
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	309765		\$59,583
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC	314035		\$38,175
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PHYSICAL OPTICS CORPORATION BROOKHAVEN SCIENCE	DE-SC0015190		\$24,998
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	314410		\$125,803
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		ASSOCIATES LLC CENTRAL MICHIGAN UNIVERSITY	311361 F62988		\$131,661 \$93,497
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT BATTELLE LLC UT BATTELLE LLC	4000148410 4000148409		\$14,324
	81.049		UNIVERSITY OF CALIFORNIA AT			\$83,863
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		50 DAVIS	201603457-03		\$86,947

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OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	00103516153		\$81,861
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	318120		\$124,719
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC TRUSTEES OF COLUMBIA	319443		\$11,604
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY IN THE CITY OF NEW YORK	G11590		\$44,257
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PENNSYLVANIA STATE UNIVERSITY	5490SUNYSBDOE1090		\$4,116
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		JEFFERSON SCIENCE ASSOCIATES LLC	17P0288		\$12,130
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		SYDOR INSTRUMENTS LIMITED LIABILITY CORPORATION	DE-SC0007482		\$9,731
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM REGIONAL BIOMASS ENERGY PROGRAMS	81.049 81.079		HELIOS-NRG LLC SOUTH DAKOTA STATE UNIVERSITY	DESC0017077SUNYAB 3TD155		\$6,959 \$19,100
			SOUTH DAKOTA STATE			
REGIONAL BIOMASS ENERGY PROGRAMS CONSERVATION RESEARCH AND DEVELOPMENT	81.079 81.086		UNIVERSITY UNIVERSITY OF FLORIDA REGENTS UNIVERSITY OF CALIFORNIA, LAWRENCE	3TM676 UFDSP00010466/00115348		\$409 -\$31
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		BERKELEY	7239672		\$11,700
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087		PACE UNIVERSITY GINER INC	N/A DEEE0006960		\$34,302 \$159,459
DENEMAND E ENERGY DESCRIPTION AND DEVEL SOMENT	04.007		CONSORTIUM FOR RESEARCH ON RENEWABLE INDUSTRIAL	4040		647.007
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.087 81.089		MATERIALS (CORRIM) GENERAL ELECTRIC GLOBAL RESEARCH	1018 401071968		\$17,097 \$32,039
			CARNEGIE INSTITUTION OF			
STEWARDSHIP SCIENCE GRANT PROGRAM STEWARDSHIP SCIENCE GRANT PROGRAM NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND	81.112 81.112		WASHINGTON UNIVERSITY OF ROCHESTER	41046922 416231G		\$49,607 \$450,744
DEMONSTRATION	81.121		PURDUE UNIVERSITY	410564826		\$91,120
NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND DEMONSTRATION	81.121		LAWRENCE LIVERMORE NATIONAL LABORATORY BOARD OF TRUSTEES OF THE	DE-AC52-07NA27344		\$31,582
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.124		LELAND STANFORD JUNIOR UNIVERSITY	60541887107908		\$57,481
TOTAL DEPARTMENT OF ENERGY PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF ENERGY					\$4,804,510	\$6,051,208 \$25,244,857
DEPARTMENT OF EDUCATION					-	
DEPARTMENT OF EDUCATION DIRECT PROGRAMS						
DEPARTMENT OF EDUCATION OVERSEAS PROGRAMS - DOCTORAL DISSERTATION	84.000					\$501,558
RESEARCH ABROAD HIGHER EDUCATION_INSTITUTIONAL AID	84.022 84.031					\$14,099 \$26,770
TRIO_STUDENT SUPPORT SERVICES	84.042					\$171,400
TRIO_STUDENT SUPPORT SERVICES TRIO_STUDENT SUPPORT SERVICES	84.042 84.042					\$564,271 \$280,300
TRIO_STUDENT SUPPORT SERVICES TRIO STUDENT SUPPORT SERVICES	84.042 84.042					\$209,803 \$223,505
TRIO_STUDENT SUPPORT SERVICES	84.042					\$67,862
TRIO_STUDENT SUPPORT SERVICES TRIO_STUDENT SUPPORT SERVICES	84.042 84.042					\$260,766 \$294,045
TRIO_TALENT SEARCH	84.044					\$59,094
TRIO_TALENT SEARCH TRIO_TALENT SEARCH	84.044 84.044					\$60,150 \$245,775
TRIO_TALENT SEARCH	84.044					\$250,257
TRIO_UPWARD BOUND TRIO_UPWARD BOUND	84.047 84.047					\$551,300 \$296,194
TRIO_UPWARD BOUND	84.047					\$259,730
TRIO_UPWARD BOUND TRIO_UPWARD BOUND	84.047 84.047					\$383,517 \$402,677
TRIO_UPWARD BOUND TRIO_UPWARD BOUND	84.047 84.047					\$517,888 \$214,745
TRIO_UPWARD BOUND	84.047					\$66,290
FUND FOR THE IMPROVEMENT OF POSTSECONDARY EDUCATION FUND FOR THE IMPROVEMENT OF POSTSECONDARY	84.116				\$249,570	\$715,708
EDUCATION MIGRANT EDUCATION COLLEGE ASSISTANCE MIGRANT	84.116					\$647,244
PROGRAM MIGRANT EDUCATION_COLLEGE ASSISTANCE MIGRANT	84.149					\$20,116
PROGRAM GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.149 84.200					\$353,065 \$31,752
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200					\$20,836
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200 84.200					\$10,879 \$229,379
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200					\$268,855
GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED GRADUATE ASSISTANCE IN AREAS OF NATIONAL NEED	84.200 84.200					\$92,627 \$66,990
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217					\$251,669
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217					-\$105 \$295,594
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217					\$261,039 \$215,938
INDIAN EDUCATION SPECIAL PROGRAMS FOR INDIAN CHILDREN	84.299					\$179,360
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION					\$30,460	\$75,491
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305				\$116,774	\$319,863
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION RESEARCH IN SPECIAL EDUCATION	84.305 84.324				\$228,351 \$90,247	\$472,211 \$189,330
RESEARCH IN SPECIAL EDUCATION SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO	84.324				, , , , , , , , , , , , , , , , , , ,	\$13,478
IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325		51			\$6,028

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SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH						
DISABILITIES SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH	84.325					\$6,991
DISABILITIES SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO	84.325					\$45,335
IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO	84.325					\$196,262
IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325					\$174,021
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325					\$69,473
CHILD CARE ACCESS MEANS PARENTS IN SCHOOL ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.335 84.365					\$117,725 \$248,976
ENGLISH LANGUAGE ACQUISITION STATE GRANTS	84.365					\$410,354
ENGLISH LANGUAGE ACQUISITION STATE GRANTS TOTAL DEPARTMENT OF EDUCATION DIRECT PROGRAMS DEPARTMENT OF EDUCATION PASS THROUGH PROGRAMS	84.365				\$715,402	\$361,867 \$12,290,347
DEPARTMENT OF EDUCATION	84.000		SYRACUSE CITY SCHOOL DISTRICT	PO# SCSD1-0000030553		\$334
DEPARTMENT OF EDUCATION	84.000		ROCHESTER CITY SCHOOL DISTRICT COMMUNITY ACTION	na		\$12,491
DEPARTMENT OF EDUCATION	84.000		ORGANIZATION OF ERIE COUNTY INC	N/A		\$756
DEPARTMENT OF EDUCATION	84.000		ROCHESTER CITY SCHOOL DISTRICT	na		\$24,842
			COMMUNITY ACTION ORGANIZATION OF ERIE COUNTY			
DEPARTMENT OF EDUCATION	84.000		INC ERIE COUNTY DEPARTMENT OF	NA		\$46,552
ADULT EDUCATION - BASIC GRANTS TO STATES ADULT EDUCATION - BASIC GRANTS TO STATES	84.002 84.002		SOCIAL SERVICES NYS EDUCATION DEPARTMENT ERIE COUNTY DEPARTMENT OF	ED3977 C012254		\$49,820 \$97,036
ADULT EDUCATION - BASIC GRANTS TO STATES	84.002		SOCIAL SERVICES	ED4232		\$117,493
ADULT EDUCATION - BASIC GRANTS TO STATES MIGRANT EDUCATION_STATE GRANT PROGRAM	84.002 84.011		NYS EDUCATION DEPARTMENT ALABAMA STATE DEPARTMENT OF EDUCATION	C012254 C7U0191	\$8,661	\$243,275 \$33,606
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		FLORIDA DEPARTMENT OF EDUCATION	9862176T6PE01	\$12,000	\$233,622
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		KENTUCKY DEPARTMENT OF EDUCATION NYS EDUCATION DEPARTMENT	PON25401600001488 C402220 0035160022	\$13,124 \$26,994	\$14,174 \$273,971
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		LOUISIANA DEPARTMENT OF EDUCATION	NA	\$39,700	\$270,659
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT MAINE DEPARTMENT OF EDUCATION	C990426 20150106*2300 VC1000076007	\$67,098 \$163,000	\$1,289,522 \$439,634
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	N/A C0990333		-\$1,172 \$0
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		ALABAMA STATE DEPARTMENT OF EDUCATION	C5U0069		\$709
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		MISSISSIPPI STATE UNIVERSITY MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY	05040536493601		\$2,750
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION CALIFORNIA DEPARTMENT OF	C315169001		\$9,092
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		EDUCATION META ASSOCIATES	CN150111 N/A		\$758 -\$2,219
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		META ASSOCIATES NYS EDUCATION DEPARTMENT	N/A C402223 0035160013		\$328 \$294,039
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		NYS EDUCATION DEPARTMENT	C402221 0035150002		\$77,917
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT KENTUCKY DEPARTMENT OF EDUCATION	C402224 0035160005 PON254016000003651		\$229,128 \$1,853
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		NYS EDUCATION DEPARTMENT	C990333		\$306,353
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C0990333 C402222 0035160037		\$41,084 \$294,233
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		NYS EDUCATION DEPARTMENT KENTUCKY DEPARTMENT OF	C113239		\$27,934
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION MISSISSIPPI DEPARTMENT OF	PON254016000006321		\$5,497
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION ALABAMA STATE DEPARTMENT OF	1632018231B0A3EA09002		\$3,778
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION ALABAMA STATE DEPARTMENT OF EDUCATION	C600080		\$32,613
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		PENNSYLVANIA DEPARTMENT OF EDUCATION	C600086 N/A		\$11,675 \$7,813
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		COLORADO DEPARTMENT OF EDUCATION	N/A		\$3,683
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		GEORGIA DEPARTMENT OF EDUCATION	PO: 414003610000095210		\$4,260
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		MAINE DEPARTMENT OF EDUCATION OREGON DEPARTMENT OF	N/A		\$4,967
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION MISSOURI DEPARTMENT OF	N/A		\$4,965
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION	N/A		\$4,949
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		IDAHO DEPARTMENT OF EDUCATION WASHINGTON STATE OFFICE OF	N/A		\$4,118
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		SUPERINTENDENT OF PUBLIC INSTRUCTION SOUTHWEST REGIONAL	N/A		\$4,965
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		EDUCATION COOPERATIVE TEXAS EDUCATION AGENCY	PO2016207 3596		\$373 \$12,040
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		REGION IX EDUCATION COOPERATIVE MISSOURI DEPARTMENT OF	169240017291		\$236
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		ELEMENTARY AND SECONDARY 52 EDUCATION	C315169001		\$553,740

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MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		ARKANSAS MIGRANT EDUCATION PROGRAM	N/A		\$2,157
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		INDIANA DEPARTMENT OF EDUCATION	A58717DL3706		\$50,341
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		KENTUCKY DEPARTMENT OF EDUCATION	PON254016000036781		\$66,158
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		CALIFORNIA DEPARTMENT OF EDUCATION	CN160041		\$53,458
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		GEORGIA DEPARTMENT OF EDUCATION	414003610000097230		\$2,265
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C402221 0035170002 C402223 0035170013		\$298,924 \$822,999
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		NYS EDUCATION DEPARTMENT COLORADO DEPARTMENT OF	C402224 0035170005		\$850,955
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION GEORGIA DEPARTMENT OF	N/A		\$12,752
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION IDAHO DEPARTMENT OF	N/A		\$12,676
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION MAINE DEPARTMENT OF	N/A		\$12,943
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION MISSOURI DEPARTMENT OF	N/A		\$12,944
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION WASHINGTON STATE OFFICE OF SUPERINTENDENT OF PUBLIC	N/A		\$12,955
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		INSTRUCTION OREGON DEPARTMENT OF	N/A		\$12,426
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION PENNSYLVANIA DEPARTMENT OF	N/A		\$12,363
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION	N/A		\$19,128
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		SOUTHWEST ARKANSAS MIGRANT EDUCATION COOPERATIVE	NA		\$1,912
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		META ASSOCIATES NYS EDUCATION DEPARTMENT	N/A C402222 0035170037		\$11,910 \$777,429
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		QUEEN CREEK UNIFIED SCHOOL DISTRICT	NA		\$2,650
MIGRANT EDUCATION STATE GRANT PROGRAM	84.011		PENNSYLVANIA DEPARTMENT OF EDUCATION	201645		\$28,244
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		NYS EDUCATION DEPARTMENT ALABAMA STATE DEPARTMENT OF	C402220 0035170022		\$516,945
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		EDUCATION MISSISSIPPI STATE UNIVERSITY FLORIDA DEPARTMENT OF	C7U0192 012474		\$70,104 \$33,525
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		EDUCATION	9862177T7PE01		\$330,218
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		META ASSOCIATES DRURY UNIVERSITY	N/A 201647		\$5,653 \$7,263
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		GUYMON PUBLIC SCHOOLS	NA		\$6,266
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		ST. MARY PARISH SCHOOL BOARD MANO EN MANO	NA NA		\$3,186 \$112,677
MIGRANT EDUCATION_STATE GRANT PROGRAM MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011 84.011		NYS EDUCATION DEPARTMENT TEXAS EDUCATION AGENCY	016044 3596		\$251,847 \$19,103
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		CENTRAL SUSQUEHANNA INTERMEDIATE UNIT	201646		\$8,773
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		GENESEO MIGRANT CENTER INCORPORATED	NA		\$16
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION	C315169001		\$11,511
MIGRANT EDUCATION_STATE GRANT PROGRAM	84.011		ALABAMA STATE DEPARTMENT OF EDUCATION	C7U0504		\$3,077
			REGION ONE EDUCATION			
MIGRANT EDUCATION_STATE GRANT PROGRAM NATIONAL RESOURCE CENTERS PROGRAM FOR FOREIGN LANGUAGE AND AREA STUDIES OR FOREIGN LANGUAGE AND	84.011		SERVICES CENTER	NA		\$2,114
INTERNATIONAL STUDIES PROGRAM AND FO SPECIAL EDUCATION_GRANTS TO STATES	84.015 84.027		UNIVERSITY OF MAINE AT ORONO NYS EDUCATION DEPARTMENT	UMS985 C012288		\$89,830 -\$3,873
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION GRANTS TO STATES	84.027 84.027		NYS EDUCATION DEPARTMENT MULTIPLE SPONSORS	C012288		\$30,256 \$32,115
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION_GRANTS TO STATES	84.027		NYS EDUCATION DEPARTMENT UNIVERSITY OF NORTH CAROLINA	C012091		\$140,117
SPECIAL EDUCATION_GRANTS TO STATES	84.027		AT CHARLOTTE	PO P1628182		\$23,225
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION_GRANTS TO STATES	84.027 84.027		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C012288 C012091		\$487,228 \$85,411
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000176995	\$27,736	\$138,156
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000146100		-\$996
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000156170		\$1
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166890		\$336
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166170		\$428
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166060		\$5,980
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166130		\$7,238
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166010		\$4,686
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166870		\$19,747
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000166995		\$11,067
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000176100		\$112,619
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000176890		\$82,792
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000176060		\$114,577
STATES CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO	84.048		NYS EDUCATION DEPARTMENT	8000176010		\$239,862
STATES	84.048		NYS EDUCATION DEPARTMENT	8000176870		\$143,661

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
CAREER AND TECHNICAL EDUCATION BASIC GRANTS TO		****	NYS EDUCATION DEPARTMENT			
STATES FUND FOR THE IMPROVEMENT OF POSTSECONDARY	84.048			8000176130		\$149,393
EDUCATION REHABILITATION SERVICES_VOCATIONAL REHABILITATION	84.116		EXCELSIOR COLLEGE NYS OFFICE OF CHILDREN AND	P116F150077		\$111,025
GRANTS TO STATES REHABILITATION SERVICES_VOCATIONAL REHABILITATION	84.126		FAMILY SERVICES	C026892		\$36,874
GRANTS TO STATES	84.126		NYS EDUCATION DEPARTMENT	C011548		\$79,807
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$25,556
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$22,759
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C026875		\$77,586
REHABILITATION SERVICES_VOCATIONAL REHABILITATION			NYS OFFICE OF CHILDREN AND			
GRANTS TO STATES REHABILITATION SERVICES_VOCATIONAL REHABILITATION	84.126		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$6,615
GRANTS TO STATES REHABILITATION SERVICES_VOCATIONAL REHABILITATION	84.126		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$17,904
GRANTS TO STATES	84.126		FAMILY SERVICES	N/A		\$19,036
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$3,902
REHABILITATION SERVICES_VOCATIONAL REHABILITATION GRANTS TO STATES	84.126		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C026875		\$85,839
NATIONAL INSTITUTE ON DISABILITY AND REHABILITATION RESEARCH	84.133		LUNA INNOVATIONS INCORPORATED	2998ARM2SSUNY		\$19,895
			FLORIDA DEPARTMENT OF			
MIGRANT EDUCATION_COORDINATION PROGRAM	84.144		EDUCATION FLORIDA DEPARTMENT OF	9861166T6P001		\$18,848
MIGRANT EDUCATION_COORDINATION PROGRAM	84.144		EDUCATION NEW YORK CITY BOARD OF	9861167T7P001		\$45,743
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION	331800880148/PL 611		\$136
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		NEW YORK CITY BOARD OF EDUCATION	331800880148/PL 619		\$2,090
SPECIAL EDUCATION PRESCHOOL GRANTS	84.173		NEW YORK CITY DEPARTMENT OF EDUCATION	N/A		\$41,196
_			NEW YORK CITY DEPARTMENT OF			
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION NEW YORK CITY BOARD OF	N/A		\$63,136
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION NEW YORK CITY DEPARTMENT OF	331800880148/PL 611		\$55,529
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION	N/A		\$5,271
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		NEW YORK CITY BOARD OF EDUCATION	331800880148/PL 619		\$3,845
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196		EAST BLOOMFIELD CENTRAL SCHOOL	N/A		\$3,059
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196		EAST BLOOMFIELD CENTRAL SCHOOL	N/A		-\$397
			EAST BLOOMFIELD CENTRAL			
EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196		SCHOOL EAST BLOOMFIELD CENTRAL	N/A		\$1,237
EDUCATION FOR HOMELESS CHILDREN AND YOUTH EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196 84.196		SCHOOL GENESEE VALLEY BOCES	N/A N/A		\$112 \$2,213
EDUCATION FOR HOMELESS CHILDREN AND YOUTH EDUCATION FOR HOMELESS CHILDREN AND YOUTH	84.196 84.196		GENESEE VALLEY BOCES GENESEE VALLEY BOCES	N/A N/A		\$966 \$4,848
EDUCATION FOR HOMELESS CHILDREN AND TOUTH	84.196		GENESEE VALLEY BOCES	PO 17-03006		\$982
FUND FOR THE IMPROVEMENT OF EDUCATION	84.215		SCHENECTADY CITY SCHOOL DISTRICT	N/A		\$12,101
REHABILITATION SERVICES DEMONSTRATION AND TRAINING PROGRAMS	84.235		NYS TRANSITION PARTNERS (INCLUDENYC.ORG)	N/A		\$5,750
REHABILITATION TRAINING_STATE VOCATIONAL						
REHABILITATION UNIT IN-SERVICE TRAINING REHABILITATION TRAINING_STATE VOCATIONAL	84.265		NYS EDUCATION DEPARTMENT	C012263		\$12,013
REHABILITATION UNIT IN-SERVICE TRAINING TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.265 84.287		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C012263 C402121 0187176058	\$109,417	\$52,630 \$173,134
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		NYS EDUCATION DEPARTMENT CITY SCHOOL DISTRICT OF	C402120 0187176057	\$134,725	\$206,560
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		ALBANY	n/a		\$58,695
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287 84.287		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C402120 0187156057 C402121 0187166058		-\$11,326 \$146,492
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		NYS EDUCATION DEPARTMENT TULLY CENTRAL SCHOOL	C402120 0187166057		\$117,266
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		DISTRICT	N/A		\$24
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		HORNELL CITY SCHOOL DISTRICT	N/A		\$2,722
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		TULLY CENTRAL SCHOOL DISTRICT	N/A		\$24,608
TWENTY-FIRST CENTURY COMMUNITY LEARNING CENTERS	84.287		HORNELL CITY SCHOOL DISTRICT TEACHERS COLLEGE COLUMBIA	N/A		\$1,886
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		UNIVERSITY	511139		\$11,113
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		OREGON STATE UNIVERSITY KATHOLIEKE UNIVERSITEIT	ED162AB		\$19,072
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION			LEUVEN	R305D15000703	201	\$21,819
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT	84.323 84.323		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	MOU015022 015022	\$61,575	\$339,142 \$0
SPECIAL EDUCATION - STATE PERSONNEL DEVELOPMENT RESEARCH IN SPECIAL EDUCATION	84.323 84.324		NYS EDUCATION DEPARTMENT UNIVERSITY OF CONNECTICUT	MOU015022 PO# 5009/KFS#5258180		\$207,665 \$342
RESEARCH IN SPECIAL EDUCATION GAINING EARLY AWARENESS AND READINESS FOR	84.324		CANISIUS COLLEGE	N/A		\$115,956
UNDERGRADUATE PROGRAMS	84.334		NYS HIGHER EDUCATION SERVICES CORPORATION	HES01 C12336GG 3310200		\$138,329
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334		NYS HIGHER EDUCATION SERVICES CORPORATION	C003043		\$156,359
GAINING EARLY AWARENESS AND READINESS FOR UNDERGRADUATE PROGRAMS	84.334		NYS HIGHER EDUCATION SERVICES CORPORATION	HES01 C12336GG 3310200		\$220,235
GAINING EARLY AWARENESS AND READINESS FOR			NYS HIGHER EDUCATION			
UNDERGRADUATE PROGRAMS TECH-PREP DEMONSTRATION GRANTS	84.334 84.353		SERVICES CORPORATION NYS EDUCATION DEPARTMENT	T112366 8060082005		\$31,892 -\$7,078
SCHOOL LEADER RECRUITMENT AND SUPPORT (FORMERLY SCHOOL LEADERSHIP)	84.363		SCHENECTADY CITY SCHOOL DISTRICT	N/A		\$9,864
			CHEEKTOWAGA CENTRAL			
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		SCHOOL DISTRICT	NA		\$33,347
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		в9FFALO CITY SCHOOL DISTRICT	F0005F21440SA16		\$7,195

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		HARRISVILLE CENTRAL SCHOOL DISTRICT	N/A		\$13,912
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		BUFFALO CITY SCHOOL DISTRICT	F0005F21440SA17		\$48,855
MATHEMATICS AND SCIENCE PARTNERSHIPS	84.366		HARRISVILLE CENTRAL SCHOOL DISTRICT	N/A		\$65,731
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247170030 C402717	\$26,397	\$150,588
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402711	\$89,531	\$110,342
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247160030 C402717	\$154,725	\$224,255
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	04NY10SEED20121A		\$5,131
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	01NY09SEED2012		\$200
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	08NY14SEED2012		\$6,639
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247160028 C402709		\$23,876
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247160104 C402700		\$146,307
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT	01.007		THE EBOOTH ON BELT ANTHERN	32 11 100 10 1 0 102 100		Ų. 10,00 <i>1</i>
(FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS) SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT	84.367		NYS EDUCATION DEPARTMENT	C402716 0247160027		\$135,977
(FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402714 0247160026		\$44,990
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402708 0247160022		\$121,700
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		BANK STREET COLLEGE OF EDUCATION	1123992877		\$4,249
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402702 0247160101		\$55,383
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	04NY10SEED2016		\$16,541
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402706 0247160020		\$37,755
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	01NY09SEED2016		\$17,835
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247170028 C402709		\$94,452
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402714 0247170026		\$40,498
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402716 0247170027		\$280,145
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	0247170104 C402700		\$126,685
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402702 0247170101		\$189,184
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402706 0247170020		\$143,423
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402708 0247170022		\$94,678
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NYS EDUCATION DEPARTMENT	C402711		\$39,486
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		BANK STREET COLLEGE OF EDUCATION	1123992879		\$17,862
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	01NY09SEED2017CRWPPD		\$977
SUPPORTING EFFECTIVE INSTRUCTION STATE GRANT (FORMERLY IMPROVING TEACHER QUALITY STATE GRANTS)	84.367		NATIONAL WRITING PROJECT CORPORATION	01NY09SEED2017ILI		\$1,284
SCHOOL IMPROVEMENT GRANTS	84.377		BUFFALO CITY SCHOOL DISTRICT	1600864600	\$52,800	\$56,799
SCHOOL IMPROVEMENT GRANTS	84.377		BUFFALO CITY SCHOOL DISTRICT	F04A20440DK17	\$70,075	\$74,075
SCHOOL IMPROVEMENT GRANTS	84.377		ROCHESTER CITY SCHOOL DISTRICT	PO2016001467		\$76
SCHOOL IMPROVEMENT GRANTS	84.377		SYRACUSE CITY SCHOOL DISTRICT	PO SCSD10000038923		\$29,660
SCHOOL IMPROVEMENT GRANTS	84.377		ROCHESTER CITY SCHOOL DISTRICT	2017002608		\$138,742
COLLEGE ACCESS CHALLENGE GRANT PROGRAM	84.378		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005126		\$6,923
COLLEGE ACCESS CHALLENGE GRANT PROGRAM	84.378		NYS HIGHER EDUCATION SERVICES CORPORATION	C112324		\$77,944
COLLEGE ACCESS CHALLENGE GRANT PROGRAM	84.378		NYS HIGHER EDUCATION SERVICES CORPORATION	C002867 MOU002855		\$47,111

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
INVESTING IN INNOVATION (I3) FUND	84.411		NATIONAL WRITING PROJECT CORPORATION	04NY10i32013		\$157
INVESTING IN INNOVATION (I3) FUND TOTAL DEPARTMENT OF EDUCATION PASS THROUGH	84.411		NATIONAL WRITING PROJECT CORPORATION	04NY1013DP2015		\$14,398
PROGRAMS TOTAL DEPARTMENT OF EDUCATION PASS THROUGH PROGRAMS TOTAL DEPARTMENT OF EDUCATION					\$1,057,558 \$1,772,960	\$17,031,867 \$29,322,214
SCHOLARSHIP FOUNDATIONS SCHOLARSHIP FOUNDATIONS DIRECT PROGRAMS						
SMITHSONIAN INSTITUTION FELLOWSHIP PROGRAM U.S. FACULTY SCHOLAR GRANTS	85.601 85.801					\$10,029 \$20,842
FELLOWSHIP PROGRAM TOTAL SCHOLARSHIP FOUNDATIONS	85.802				_	\$4,438 \$35,309
NATIONAL ARCHIVES & RECORDS ADMINISTRATION NATIONAL ARCHIVES & RECORDS ADMINISTRATION DIRECT PROGRAMS						
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003					\$8,698
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS TOTAL NATIONAL ARCHIVES & RECORDS ADMINISTRATION	89.003				_	\$46,423 \$55,121
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES DIRECT PROGRAMS						
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000					\$260,294 \$4,043,863
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000					\$2,053,749 \$1,577,644
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000				\$20,000	\$66,712
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000				\$190,563 \$435,096	\$1,354,734 \$1,495,926
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000					\$36,025 \$11,479
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000					\$138,105
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000					\$78,590 \$472,433
DEPARTMENT OF HEALTH AND HUMAN SERVICES FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT	93.000					\$49,882
REGULATORY RESEARCH	93.077					\$210
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON CONSTRUCTION	93.095				\$12,561	\$64,082
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT - NON CONSTRUCTION	93.095					\$6,034
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT						
- NON CONSTRUCTION FOOD AND DRUG ADMINISTRATION RESEARCH	93.095 93.103					\$137,840 \$87,176
AREA HEALTH EDUCATION CENTERS AREA HEALTH EDUCATION CENTERS	93.107 93.107				\$342,056 \$383,236	\$433,762 \$538,890
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED					φ363,230	
PROGRAMS MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.110					\$60,861
PROGRAMS	93.110				000.040	\$7,145
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$26,310 \$31,017	\$287,135 \$50,599
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$46,711 \$72,733	\$61,820 \$216,749
ENVIRONMENTAL HEALTH	93.113				\$90,004	\$163,962
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$175,828 \$287,110	\$412,590 \$823,488
ENVIRONMENTAL HEALTH	93.113				, , ,	\$13,363
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113					\$2,109 \$8,764
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				-\$5,087	-\$5,087 -\$135,527
ENVIRONMENTAL HEALTH	93.113					\$117,250
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113					\$431,352 \$5,320
ENVIRONMENTAL HEALTH	93.113					\$47,306
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113					\$175,223 \$103,115
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113					\$115,037 \$21,919
PREVENTIVE MEDICINE AND PUBLIC HEALTH RESIDENCY	30.110					Ψ21,313
TRAINING PROGRAM, INTEGRATIVE MEDICINE PROGRAM, AND NATIONAL CENTER FOR INTEGRATIVE PREVENTIVE MEDICINE AND PUBLIC HEALTH RESIDENCY	93.117					\$78,161
TRAINING PROGRAM, INTEGRATIVE MEDICINE PROGRAM, AND						****
NATIONAL CENTER FOR INTEGRATIVE ORAL DISEASES AND DISORDERS RESEARCH	93.117 93.121				-\$58	\$248,827 -\$58
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				\$2,666 \$9,324	\$2,666 \$750,875
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$15,677	\$304,345
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				\$152,204	\$336,875 \$91,875
ORAL DISEASES AND DISORDERS RESEARCH	93.121					\$23,350
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$2,550 \$10,668
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$128,386 \$139,473
ORAL DISEASES AND DISORDERS RESEARCH	93.121					\$98,086
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$13,079 \$29,842
ORAL DISEASES AND DISORDERS RESEARCH	93.121					\$320,223
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$85,076 \$151,141
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$156,633 \$406,034
ORAL DISEASES AND DISORDERS RESEARCH	93.121					\$253,883
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121					\$284,346 \$237,842
ORAL DISEASES AND DISORDERS RESEARCH	93.121		56			\$116,243
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121		00			\$283,696 \$49,004

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ORAL DISEASES AND DISORDERS RESEARCH	93.121					\$510,811
NURSE ANESTHETIST TRAINEESHIP GRANTS TO INCREASE ORGAN DONATIONS	93.124 93.134					\$22,086 \$51,553
GRANTS TO INCREASE ORGAN DONATIONS GRANTS TO INCREASE ORGAN DONATIONS	93.134					\$11,487
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145					\$26,751
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	93.145					\$273,781
WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153				\$12,896	\$80,979
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR						****
WOMEN, INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	93.153				\$47,333	\$327,700
WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153					-\$5
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	00.450					-\$3
WOMEN, INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	93.153					-\$3
WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153					\$204,040
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	02.452					PC00 4FF
WOMEN, INFANTS, CHILDREN, AND YOUTH GERIATRIC TRAINING FOR PHYSICIANS, DENTISTS AND	93.153					\$699,155
BEHAVIORAL/MENTAL HEALTH PROFESSIONALS	93.156					\$541
HUMAN GENOME RESEARCH HUMAN GENOME RESEARCH	93.172 93.172					\$8,296 \$384,991
HUMAN GENOME RESEARCH	93.172					\$198,022
HUMAN GENOME RESEARCH	93.172					\$206,177
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173				\$422	\$39,750
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	00.170				Ų.ZZ	φοσ,, σσ
DISORDERS	93.173				\$3,512	\$244,893
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173				\$5,702	\$21,750
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS DESCAPOLA DEL ATED TO DEAENESS AND COMMUNICATION	93.173				\$6,234	\$11,447
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173				\$32,828	\$114,876
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						, ,
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173				\$39,636	\$330,137
DISORDERS	93.173				\$41,505	\$316,760
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						***********
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173				\$122,423	\$357,046
DISORDERS	93.173					\$71,995
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$61,483
DISORDERS	93.173					\$3,872
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$6,938
DISORDERS	93.173					\$6,141
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$32,260
DISORDERS	93.173					\$305,621
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$127,131
DISORDERS	93.173					\$127,806
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$146,242
DISORDERS	93.173					\$52,865
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	02.472					£40.600
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$10,698
DISORDERS	93.173					\$412,451
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$171,757
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					\$171,737
DISORDERS	93.173					\$75,168
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$329,006
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					ψ329,000
DISORDERS	93.173					\$385,914
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$60,207
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	33.173					φου,207
DISORDERS	93.173					\$304,644
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$148,699
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173					ψ140,033
DISORDERS	93.173					\$294,710
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$55,431
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	33.173					ψ00,401
DISORDERS	93.173					\$29,330
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$344,806
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS	93.173					\$27,936
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173					\$64,659
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS NATIONAL RESEARCH SERVICE AWARD IN PRIMARY CARE	93.173					\$15,598
MEDICINE MEDICINE	93.186					\$157,258
RESEARCH AND TRAINING IN COMPLEMENTARY AND						
INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND	93.213					\$36,446
INTEGRATIVE HEALTH	93.213					\$117,576
RESEARCH AND TRAINING IN COMPLEMENTARY AND						
INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND	93.213					\$39,447
OUTCOMES	93.226		57		\$19,876	\$147,784
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Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
RESEARCH ON HEALTHCARE COSTS, QUALITY AND	00.000					
OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND	93.226				\$21,110	\$218,590
OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND	93.226					\$45,684
OUTCOMES	93.226					\$68,428
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226					\$41,959
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226					\$15,663
MENTAL HEALTH RESEARCH GRANTS	93.242				\$4,783	\$5,448
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$5,127 \$13,000	\$5,305 \$330,110
MENTAL HEALTH RESEARCH GRANTS	93.242				\$23,108	\$644,248
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$41,669 \$59,325	\$774,788 \$356,469
MENTAL HEALTH RESEARCH GRANTS	93.242				\$64,848	\$106,994
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$107,534 \$132,102	\$354,853 \$487,373
MENTAL HEALTH RESEARCH GRANTS	93.242				\$157,764	\$346,271
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$189,505	\$189,505 -\$26,325
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242				\$202,860	\$332,414
MENTAL HEALTH RESEARCH GRANTS	93.242				\$1,008,510	\$2,073,569
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$28 \$7,660
MENTAL HEALTH RESEARCH GRANTS	93.242					\$151,772
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$34 \$124,432
MENTAL HEALTH RESEARCH GRANTS	93.242					\$820,088
MENTAL HEALTH RESEARCH GRANTS	93.242					\$21,213
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$8,868 \$712,327
MENTAL HEALTH RESEARCH GRANTS	93.242					\$73,618
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$7,048 \$4,571
MENTAL HEALTH RESEARCH GRANTS	93.242					\$2,012
MENTAL HEALTH RESEARCH GRANTS	93.242					\$12,152
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$49,286 \$262,946
MENTAL HEALTH RESEARCH GRANTS	93.242					\$30,490
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$27,366 \$153,098
MENTAL HEALTH RESEARCH GRANTS	93.242					\$48,401
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$291,842 \$396,502
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242					\$351,340
MENTAL HEALTH RESEARCH GRANTS	93.242					\$170,839
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$436,779 \$183,225
MENTAL HEALTH RESEARCH GRANTS	93.242					\$374,962
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$412,406 \$27,864
MENTAL HEALTH RESEARCH GRANTS	93.242					\$152,587
MENTAL HEALTH RESEARCH GRANTS	93.242					\$341,218
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$340,712 \$42,726
MENTAL HEALTH RESEARCH GRANTS	93.242					\$491,018
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242					\$26,955 \$141,641
MENTAL HEALTH RESEARCH GRANTS	93.242					\$18,360
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL						
SIGNIFICANCE	93.243				\$21,715	\$81,468
SUBSTANCE ABUSE AND MENTAL HEALTH						
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243					\$7,699
SUBSTANCE ABUSE AND MENTAL HEALTH	00.2.10					ψ,,οοο
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243					\$317,325
SUBSTANCE ABUSE AND MENTAL HEALTH	93.243					φ317,323
SERVICES_PROJECTS OF REGIONAL AND NATIONAL						
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243					\$243,941
SERVICES_PROJECTS OF REGIONAL AND NATIONAL						
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243					\$13,270
SERVICES_PROJECTS OF REGIONAL AND NATIONAL						
SIGNIFICANCE	93.243					\$263,148
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL						
SIGNIFICANCE	93.243					\$106,684
ADVANCED NURSING EDUCATION GRANT PROGRAM ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247 93.247					\$19,895 \$10,701
ADVANCED NURSING EDUCATION GRANT PROGRAM ADVANCED NURSING EDUCATION GRANT PROGRAM	93.247					\$362,384
POISON CENTER SUPPORT AND ENHANCEMENT GRANT	00.050					\$400.00F
PROGRAM POISON CENTER SUPPORT AND ENHANCEMENT GRANT	93.253					\$120,205
PROGRAM	93.253					\$358,018
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262				\$11,486 \$21,873	\$17,928 \$122,471
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				φ∠1,0/3	\$64
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262					\$2
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262					-\$76,777 \$83,602
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262					\$267,562
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262					\$119,163 \$716,094
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262					\$716,094 \$570,084
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262					\$122,420
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262					\$76,777 \$337,817
ALCOHOL RESEARCH PROGRAMS	93.273				\$6,620	\$355,471
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273		58		\$26,700 \$30,843	\$210,664 \$169,320
ALCOHOL RESEARCH PROGRAMS	93.273				\$30,643	\$401,258

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ALCOHOL RESEARCH PROGRAMS	93.273				\$40,073	\$590,456
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$118,909 \$131,780	\$321,503 \$456,933
ALCOHOL RESEARCH PROGRAMS	93.273				\$180,892	\$1,168,823
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273				\$312,424	\$377,582
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$2,099,978 \$2,774,138	\$2,952,355 \$2,942,815
ALCOHOL RESEARCH PROGRAMS	93.273				*= ,,	\$119
ALCOHOL RESEARCH PROGRAMS	93.273					\$17,600
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273					\$834 \$115,832
ALCOHOL RESEARCH PROGRAMS	93.273					\$12,671
ALCOHOL RESEARCH PROGRAMS	93.273					\$6,555
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273					\$555 \$573.619
ALCOHOL RESEARCH PROGRAMS	93.273					\$519,533
ALCOHOL RESEARCH PROGRAMS	93.273					\$626,825
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273					\$86,292 \$96,102
ALCOHOL RESEARCH PROGRAMS	93.273					\$301,503
ALCOHOL RESEARCH PROGRAMS	93.273					\$249,722
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273					\$414,648 \$279,640
ALCOHOL RESEARCH PROGRAMS	93.273					\$125,008
ALCOHOL RESEARCH PROGRAMS	93.273					\$29,325
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273					\$24,223 \$64,316
DRUG-FREE COMMUNITIES SUPPORT PROGRAM GRANTS	93.276					\$138,937
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$7,599	\$161,232
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$10,477 \$15,874	\$702,430 \$559,831
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$15,674 \$17,388	\$523,310
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$42,810	\$384,848
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$46,169 \$46,592	\$536,615 \$444,056
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$46,592	\$444,956 -\$4,841
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$41,383
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$0
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279					-\$38 -\$143
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$9,311
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$2,444
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279					\$178,806 \$309,256
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$352,364
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$355,145
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279					\$152,500 \$357
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$106,537
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$110,789
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279					\$315,510 \$447,617
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$308,805
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$466,802
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$452,625
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279					\$108,500 \$230,808
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$24,964
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279					\$75,603
MENTAL HEALTH RESEARCH CAREER/SCIENTIST	93.279					\$302
DEVELOPMENT AWARDS	93.281					\$22,728
MENTAL HEALTH RESEARCH CAREER/SCIENTIST						
DEVELOPMENT AWARDS	93.281					\$8,276
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$8,325	\$192,409
DISCOVEDY AND ADDITED DESCAPOLITOD TECHNOLOGICAL						
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$18,692	\$61,125
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DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL					*****	
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$19,925	\$174,338
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$20,225	\$219,572
DISCOVEDY AND ADDITED DESCAPOLITOD TECHNOLOGICAL						
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$28,143	\$47,734
					 ,	*,
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL					******	****
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$37,000	\$188,279
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$68,115	\$142,802
DISCOVEDY AND ADDITED DESEABOUTED TECHNIOLOGICAL						
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$80,433	\$252,098
					***,	4,
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$81,200	\$261,380
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$181,813	\$497,067
DISCOVEDY AND ARRIVED RESEARCH FOR TECHNOLOGICS						
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$41,659
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DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	02.200					644 470
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$44,478
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL						
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$7,569
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL			59			
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$37,978

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DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$238,706
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$145,746
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$360,514
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$272,193
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$35,143
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286					\$11,118
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH TRANS-NIH RESEARCH SUPPORT	93.286 93.307 93.307 93.307 93.307 93.307 93.307 93.307 93.307 93.310				\$5,008 \$326,575 \$6,313	\$3,995 \$131,191 \$892,650 \$19,289 \$29,345 \$3,048 \$1,387 \$157 \$1,800,000 \$333,223
TRANS-NIH RESEARCH SUPPORT CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND	93.310 93.310 93.310 93.310 93.310				\$468,703	\$814,619 \$42,968 \$88,719 \$292,555 \$324,286
PREVENTION CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND	93.312					-\$665
PREVENTION CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND	93.312					\$515,008
PREVENTION NATIONAL CENTER FOR ADVANCING TRANSLATIONAL	93.312					\$126,049
SCIENCES NATIONAL CENTER FOR ADVANCING TRANSLATIONAL	93.350				\$78,885	\$3,317,961
SCIENCES RESEARCH INFRASTRUCTURE PROGRAMS RESEARCH INFRASTRUCTURE PROGRAMS RESEARCH INFRASTRUCTURE PROGRAMS ADVANCED EDUCATION NURSING TRAINEESHIPS	93.350 93.351 93.351 93.351 93.358 93.358 93.358 93.358 93.358 93.358				\$92,465	\$473,264 \$228,753 \$579,788 \$3,580 \$38,934 \$134,730 \$25,290 \$211,550 \$348,229 \$348,000
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359					\$5,658
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS	93.359					\$45,091
NURSE EDUCATION, PRACTICE QUALITY AND RETENTION GRANTS NURSE EDUCATION, PRACTICE QUALITY AND RETENTION	93.359					\$451,348
GRANTS NURSING RESEARCH NURSING RESEARCH NURSING RESEARCH NURSING RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.359 93.361 93.361 93.361 93.393				\$381 \$1,817 \$12,698 \$21,604 \$148,772 \$226,186	\$285,340 \$41,424 \$531,637 \$31,719 \$381 \$566 \$197,903 \$67,951 \$273,277 \$402,469 \$459,218 \$433 \$18,487 \$2,068 \$55,364 \$19,155 \$354,093 \$185,197 \$301,746 \$301,746 \$301,746 \$180,523 \$254,750 \$266,592 \$296,592
CANCER OASSE AND PREVENTION RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER TECTION AND DIAGNOSIS RESEARCH CANCER TREATMENT RESEARCH	93.394 93.394 93.394 93.394 93.394 93.394 93.394 93.395 93.395 93.395 93.395 93.395 93.395 93.395 93.395				\$92,376 \$106,445 \$133,103 \$145,951 \$4,918 \$37,225	\$485,495 \$275,785 \$173,426 \$220,345 \$22,633 \$140,416 \$157,406 \$172,552 \$144,297 \$4,918 \$459,921 \$101,766 \$466 \$84,250 \$406,149 \$335,669 \$35,447 \$162,488
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395 93.395 93.395		60			\$102,466 \$129,254 \$313,028 \$365,063

Fodoral Country/Discourse Title	Federal CFDA	Additional Award Identification	Pass-Through Entity	Pass-Through Entity	Amount Passed Through to	Federal
Federal Grantor/Program Title CANCER TREATMENT RESEARCH	Number 93.395	identification	Name	Identifying Number	Sub-Recipients	\$1.070.601
CANCER TREATMENT RESEARCH	93.395					\$137,436
CANCER TREATMENT RESEARCH CANCER BIOLOGY RESEARCH	93.395 93.396				\$14,979	\$14,555 \$361,867
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396				\$22,794 \$33,851	\$111,821 \$67,431
CANCER BIOLOGY RESEARCH	93.396				φ33,631	\$617
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$1,817 \$247,556
CANCER BIOLOGY RESEARCH	93.396					\$2,389
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$12,624 \$150,203
CANCER BIOLOGY RESEARCH	93.396					\$165,543
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$126,261 \$1,059
CANCER BIOLOGY RESEARCH	93.396					\$106,123
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$291,130 \$434,462
CANCER BIOLOGY RESEARCH	93.396					\$104,758
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$206,444 \$456,608
CANCER BIOLOGY RESEARCH	93.396					\$262,216
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396					\$282,139 \$268,810
CANCER BIOLOGY RESEARCH	93.396					\$393,382
CANCER BIOLOGY RESEARCH CANCER CENTERS SUPPORT GRANTS	93.396 93.397					\$61,301 \$82,676
CANCER CENTERS SUPPORT GRANTS	93.397					\$458,312
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$2,453 \$2,676	\$47,036 \$160,303
CANCER RESEARCH MANPOWER	93.398				ΨΞ,010	\$638
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398					\$29,500 \$33,536
CANCER RESEARCH MANPOWER	93.398					\$222,927
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398					\$219,691 \$192,961
CANCER RESEARCH MANPOWER	93.398					\$33,383
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398					\$34,408 \$23,166
CANCER RESEARCH MANPOWER	93.398					\$31,199
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398					\$30,144 \$131,976
CANCER RESEARCH MANPOWER	93.398					\$12,113
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398					\$14,121 \$5,868
CANCER CONTROL	93.399					\$36,843
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433				\$20,105	\$595,182
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT						
LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT	93.433				\$32,487	\$194,711
LIVING, AND REHABILITATION RESEARCH	93.433				\$66,617	\$289,663
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433				\$73,508	\$527,390
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT						
LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT	93.433				\$130,613	\$349,483
LIVING, AND REHABILITATION RESEARCH	93.433				\$261,957	\$455,339
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433					\$33,469
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT						
LIVING, AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT	93.433					\$59,246
LIVING, AND REHABILITATION RESEARCH	93.433					\$94,196
SOCIAL SERVICES RESEARCH AND DEMONSTRATION SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647 93.647					\$27,423 \$71,963
	00.040				\$1.004.440	
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648				\$1,884,143	\$2,424,065
CHILD WELFARE RESEARCH TRAINING OR DEMONSTRATION	93.648				\$2,214,288	\$2,487,100
CHILD ABUSE AND NEGLECT DISCRETIONARY ACTIVITIES MENTAL AND BEHAVIORAL HEALTH EDUCATION AND TRAINING	93.670					\$45,107
GRANTS	93.732				\$12,559	\$40,635
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$22,010 \$62,985	\$386,688 \$426,626
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$310,673	\$705,057
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$3,641 \$3,204
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$235,195
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$8,888 \$522,185
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$428,153
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$102,261 \$328
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$225,143
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$356,328 \$343,528
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$11,559
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$278,672 \$1,086,388
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$27,454
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$693,638 \$223,525
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$24,093
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837					\$4,086 \$150,070
CARDIOVASCULAR DISEASES RESEARCH	93.837					\$167,785
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838					\$1,419 \$2,225
LUNG DISEASES RESEARCH	93.838					\$24,416
LUNG DISEASES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.838 93.839				\$50,880	\$34,490 \$141,294
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				φου,ου	\$29,532
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839		61			\$2,381 \$172,403
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		÷ •			\$65,219

March Marc	Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
ACTIVITY ALS COLOURS LETT, AND SEN ORDERS SER SER SER SER SER SER SER SER SER	BLOOD DISEASES AND RESOURCES RESEARCH	93.839					\$766,653 \$162,928
### ### ### ### ### ### ### ### ### ##	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES					\$4.818	\$49,007 \$12,247
Martielle, Marcial (MORE) MORE (MORE MORE MORE MORE MORE MORE MORE MORE	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						\$176,694
Martier Municular Martier Ma	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						
	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						
ARTHERS, MICHICORSELETA, MOD SEND DEMAISS 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						
Marther St. AUDICLOSPICATION AND SOUT DEPASES 19.86 19.00 19.0		93.846				\$67,621	\$360,860
Marther Martic		93.846				\$96,008	\$299,397
SEED ADDRESS 1985	RESEARCH	93.846					\$93
SEGRAPH SEGR	RESEARCH	93.846					\$90,981
SERBANCH SUM	RESEARCH	93.846					\$4,305
SSEARCH MANUAL DISCRETTAL AND DOIN DISCRESS SAME STATE AND SMILL DISCRESS SAME SAME STATE AND SMILL DISCRESS SAME SAME SAME SAME SAME SAME SAME S	RESEARCH	93.846					\$2,845
SERENCH SAME		93.846					\$67,964
### PROFESS COLOGNET AND DISCUSSES 19.66 ### PROFESS COLOGNET AND DISCUSSES 19		93.846					\$367,824
ARTHERIS MUSCULOSKETTAL AND DISK DISKARSS REFARCH REF	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						\$1,570
ARTHRITA, MICCLOSREETA, AND DRIP DIECASES ARTHRITA, MICROSREETA, AND DRIP DIECASES ARTHRI	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						
ARTHRITS, MUSCULORELETIA, AND SIGN DISSASES 9.346 316.0	ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES						\$2,211
RESEARCH		93.846					\$89,006
REBERACH AND ROULD SREETET, AND SIND IDEASES STARS ARE S	RESEARCH	93.846					\$180,773
RESEARCH ATTHRITIS, MUSCULOSRELETIA, AND SIND DISEASES ARTHRITIS, MUSCULOSRELETIA, AND SIND DISEASES EXTRAMURA, DESEARCH DESETIVE, AND KORREY DISEASES EXTRAMURA, DESETIVE, AND KORREY DISEASES EXTRAMURA, DESEARCH DARRETS, DICESTIVE, AND KORREY DISEASES EXTRAMURA, RESEARCH DARRETS, DICESTI	RESEARCH	93.846					\$31,828
### ### ### ### ### ### ### ### ### ##	RESEARCH	93.846					\$266,962
SESTACH DIRECTIVE, AND KIDNEY DISEASES EXTRAMURAL DIRECTIVE, AND KIDNEY DISEASES EXTRAMURAL DIRECTIVE, AND KIDNEY DISEASES EXTRAMURAL SESTACH SE		93.846					\$185,208
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH SAFET		93.846					\$75,734
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL SS.047 SS.0542 SS.0547 S	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL					\$46.875	
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH S9.67 S9.69.2 S9.	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIMETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIMETE	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETES, DIGESTIVE, AND KIDNEY DIBEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY D		93.847				\$305,842	\$364,532
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND		93.847					\$9,808
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND	RESEARCH	93.847					\$40,245
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRA	RESEARCH	93.847					\$25,660
RESEARCH UNBETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEAR	RESEARCH	93.847					\$1,821
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAM IN THE RESEARCH PROGRAM IN THE RUBBER DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRA		93.847					\$61,289
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY		93 847					\$19,439
DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH S3.47	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE REVERDING RESEARCH PROGR	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETTES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY		93.847					\$2,332
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY HE NEUROLOGICAL DISCORES BY HE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY HE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY HE NEUROSCIENCES AND NEUROLOGICAL DISCORES BY HE NEUROLOG		93.847					\$179,628
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DISEASES EXTRAMURAL RESEARCH DISEASES EXTRAMURAL RESEARCH PROGRAMIS IN THE REUROSCIENCES AND REUROLOGICAL DISCORDES SAM7 S	RESEARCH	93.847					\$494,362
RESEARCH 9 39.847 \$30.5 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 9 39.847 \$314.7 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 9 39.847 \$39.847 39.847 \$39	RESEARCH	93.847					\$1,664
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853	RESEARCH	93.847					\$30,518
RESEARCH 93.847 93.847 93.847 92.63.11 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847	RESEARCH	93.847					\$314,786
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL 93.847 DIABETES, DIGES		93.847					\$795,703
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH POGGRAMS IN THE SAMT SA							\$263.136
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PLANT OF THE PROGRAMS IN THE \$197,22 \$197,2	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE SAMT SAM	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$280,9 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$255,00 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$197,30 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$3.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 STANDAM RESEARCH PROGRAMS IN THE 93.847 SEXTRAMURAL RESEARCH PROGRAMS IN THE 62		93.847					\$197,221
RESEARCH 93.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 EXTRAMURAL RESEARCH PROGRAMS IN THE SEXTRAMURAL RESEARCH PROGRAMS IN THE 62		93.847					\$280,131
RESEARCH 93.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH POIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,785 \$383,00	RESEARCH	93.847					\$280,907
RESEARCH 93.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE 93.847 93.8	RESEARCH	93.847					\$285,099
RESEARCH 93.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 EXTRAMURAL RESEARCH PROGRAMS IN THE 62	RESEARCH	93.847					\$197,331
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 93.847 \$101.6i DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$3.7,7i DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$3.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$3.847 DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE 93.847 EXTRAMURAL RESEARCH PROGRAMS IN THE 93.853 \$3.853 EXTRAMURAL RESEARCH PROGRAMS IN THE 62		93.847					\$287,759
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$37,71 93.847 \$37,71 93.847 \$37,71 93.847 \$3.8							\$101,659
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$3.66 PIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH PROGRAMS IN THE \$88 EXTRAMURAL RESEARCH PROGRAMS IN THE \$23,785 \$383,08 EXTRAMURAL RESEARCH PROGRAMS IN THE \$62	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH 93.847 \$80 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,785 \$383,00 EXTRAMURAL RESEARCH PROGRAMS IN THE 62	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,785 \$383,01 EXTRAMURAL RESEARCH PROGRAMS IN THE 62	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL						\$73,691
NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,785 \$383,09 EXTRAMURAL RESEARCH PROGRAMS IN THE 62		93.847					\$898
	NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		60		\$23,785	\$383,051
		93.853		UZ		\$30,273	\$204,393

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$52,960	\$63,121
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.003				\$52,960	\$63,121
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$53,781	\$369,613
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$91,959	\$190,705
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853				\$138,415	\$138,415
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$176,885	\$282,117
EXTRAMURAL RESEARCH PROGRAMS IN THE						****
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$51,828
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$1,716
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	02.052					©2.514
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$2,514
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$79,654
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$11,860
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.033					\$11,000
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$3,894
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$71,399
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.033					ψ/ 1,599
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$14,056
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$29,369
EXTRAMURAL RESEARCH PROGRAMS IN THE						*==,===
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$8,853
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$19,488
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$382,370
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$291,273
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$454,322
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					-\$945
EXTRAMURAL RESEARCH PROGRAMS IN THE						****
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$24,985
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$383,697
EXTRAMURAL RESEARCH PROGRAMS IN THE	02.052					P275 044
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$375,844
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$32,202
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	02.052					\$141 070
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$141,978
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$60,235
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$283,783
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.033					Ψ200,700
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$143,117
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$23,810
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$220,346
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$218,937
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					-\$6,344
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$37,926
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$55,217
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$427,958
EXTRAMURAL RESEARCH PROGRAMS IN THE	00.050					004 550
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$81,550
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$11,035
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$409 624
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.033					\$408,621
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$283,680
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$253,324
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.033					Ψ233,324
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$293,495
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$378,324
EXTRAMURAL RESEARCH PROGRAMS IN THE	00.000					ψο, ο,οΣ ,
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$273,177
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$348,818
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$32,133
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$362,714
EXTRAMURAL RESEARCH PROGRAMS IN THE						
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$27,923
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$90,828
EXTRAMURAL RESEARCH PROGRAMS IN THE						.
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$41,947
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$398,674
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$254,834
EXTRAMURAL RESEARCH PROGRAMS IN THE	93.003					\$∠34,834
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		63			\$54,515

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
EXTRAMURAL RESEARCH PROGRAMS IN THE	00.050	· · · · · · · · · · · · · · · · · · ·				0070 050
NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE	93.853					\$272,852
NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$226,735
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853					\$11,157
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$2,338	\$227,293
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$6,119	\$271,004
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$7,564 \$8,687	\$1,044,349 \$61,355
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$12,586	\$180,217
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$15,132 \$19,366	\$221,570 \$81,499
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$54,901	\$301,419
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$56,057	\$82,256
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$77,971 \$89,175	\$318,342 \$351,765
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$105,937	\$169,613
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$106,754	\$207,715
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$109,290 \$125,180	\$131,498 \$169,563
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$158,470	\$416,214
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$183,103 \$508,607	\$532,952
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$500,007	\$872,837 \$125,582
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$1,964
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$146,675 \$34,047
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$24,453
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$1,139
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$172,002 -\$3,860
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$11,184
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$23,439
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$216,985 \$239,346
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$133,614
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$2,424 \$34,626
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$8,645
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$166
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$4,538 \$164,408
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$490,689
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$365,292
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$98,128 \$56,691
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$80,437
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$80,945
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$38,115 \$353
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$26,447
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$118,997 \$299,354
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$532,116
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$452,176
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$28,912 \$512,884
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$181,939
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$84,974
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$177,618 \$241,979
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$7,784
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$121,232
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$557,338 \$174,987
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$186,493
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$178,487 \$509,546
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$74,346
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$506,883
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$484,849 \$567,934
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$454,179
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$308,633
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$336,045 \$115,097
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$362,599
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$144,996 \$333,613
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$233,613 \$152,464
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$139,338
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$11,929 \$114,306
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$114,296 \$482,664
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$199,309
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$60,969 \$59,236
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$24,410
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$944,764
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$16,087 \$66,061
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$125,913
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$103,323
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$5,084 \$6,305
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855					\$62,508
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855					\$11,157 \$18,515
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.855 93.859				-\$9,661	\$18,515 -\$8,150
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$2,551	\$269,516
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$7,349 \$12,233	\$91,272 \$12,233
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$12,233 \$17,151	\$12,233 \$647,571
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		64		\$18,917 \$20,907	\$216,194 \$74,046
SIONEDICAL RESEARCH AND RESEARCH TRAINING	33.00 8				\$20,907	\$74,946

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Amount Passed Through to	Federal
Federal Grantor/Program Title	Number	Identification	Name	Identifying Number	Sub-Recipients	Expenditures
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$20,999 \$26,187	\$193,395 \$412,067
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$37,630	\$409,290
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$43,174 \$43,709	\$58,191 \$703,260
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$44,204	\$338,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$56,677	\$491,643
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$57,192 \$74,661	\$57,192 \$265,735
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$99,162	\$381,418
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$113,365 \$118,643	\$436,230 \$572,741
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				ψ110,040	\$27,534
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$1,701 \$8,497
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$12,732
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$700
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$53,074 \$10,596
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$357
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$18,367 \$17,748
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$24,952
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$72,640
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$57,152 \$59,868
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					-\$1,860
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$12,452 \$2,498
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$2,498 \$30,550
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$2,686
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$332 \$37,152
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$48,028
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$83,658 \$107,051
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$3,871
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$4,492
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$44,816 \$5,249
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$69,481
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$1,916
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$60,582 \$4,805
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$46,127
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$269,140 \$197,174
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$342,687
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$345,292
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$318,269 \$312,631
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$145,938
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$439,164 \$228,435
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$344,132
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$302,676 \$53,957
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$2,825
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					-\$15,736
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$7,530 \$408,633
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$20,260
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$78,652
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$2,580 \$514,515
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$363,740
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$214,715 \$341,350
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$38,711
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$442,190
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$248,255 \$131,022
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$380,051
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$349,724 \$108,485
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$321,743
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$265,134
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$263,711 \$156,856
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$195,927
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$187,415 \$431,916
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$50,535
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$643,534
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$272,561 \$754,157
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$297,322
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$265,159 \$195,351
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$29,422
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$325,590 \$171,065
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$171,065 \$166,377
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$56,871
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$151,862 \$261,016
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$255,455
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$239,845
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$383,793 \$339,052
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$269,089
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$114,661 \$363,473
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$363,473 \$155,826
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		65			\$168,880
SOMEDIONE RESEARCH AND RESEARCH TRAINING	93.859					\$186,142

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$171,190
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$146,080 \$448,832
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$207,692
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$253,689 \$35,025
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$50,348
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$101,805 \$140,139
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$62,629
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$27,274 \$49,101
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$17,350 \$50,337
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859					\$59,337 \$44,937
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859					\$44,737
BIOMEDICAL RESEARCH AND RESEARCH TRAINING CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.859					\$8,438
RESEARCH	93.865				\$2,217	\$2,265
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$7,781	\$10,697
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$10,167	\$262,200
RESEARCH	93.865				\$21,632	\$548,772
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$23,019	\$85,565
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	30.000				Ψ25,015	
RESEARCH	93.865				\$28,621	\$283,711
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$42,267	\$43,034
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	02.005				PAE 00E	£440.250
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$45,265	\$440,350
RESEARCH	93.865				\$47,863	\$81,218
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$91,840	\$331,684
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$247,136	\$398,344
RESEARCH	93.865					\$36,706
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$250
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$180
RESEARCH	93.865					\$22,966
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	02.005					PO7 CO4
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$27,634
RESEARCH	93.865					\$73,282
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$106,252
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$63,848
RESEARCH	93.865					\$147,785
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$82,610
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$121,598
RESEARCH	93.865					\$73,807
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$231,118
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.803					φ231,116
RESEARCH	93.865					\$75,002
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$246,322
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	00.005					#000 40 7
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$262,497
RESEARCH	93.865					\$341,159
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865					\$149,268
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865					\$95,363
RESEARCH	93.865					\$31,996
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$2,205 \$8,421	\$3,674 \$15,911
AGING RESEARCH	93.866				\$14,255	\$14,280
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$14,749 \$18,693	\$370,235 \$578,121
AGING RESEARCH	93.866				\$34,586	\$77,412
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$78,516 \$83,546	\$468,671 \$290,209
AGING RESEARCH	93.866				ψ03,540	\$29,386
AGING RESEARCH AGING RESEARCH	93.866 93.866					\$42,699 \$1,979
AGING RESEARCH	93.866					\$157,784
AGING RESEARCH AGING RESEARCH	93.866 93.866					\$278,164 \$368,207
AGING RESEARCH	93.866					\$97,466
AGING RESEARCH	93.866					\$123,822
AGING RESEARCH AGING RESEARCH	93.866 93.866					\$20,683 \$32,644
VISION RESEARCH	93.867				\$2,696 \$55,076	\$16,115
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$55,076	\$480,058 \$8,198
VISION RESEARCH	93.867					\$5,578
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$40,208 \$20,360
VISION RESEARCH	93.867		66			\$46,498
VISION RESEARCH VISION RESEARCH	93.867 93.867		- -			\$58,658 \$118,938

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VISION RESEARCH	93.867					\$61,994
VISION RESEARCH VISION RESEARCH	93.867 93.867					-\$1 \$78,842
VISION RESEARCH	93.867					-\$29,170
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$39,991 \$816
VISION RESEARCH	93.867					\$334,323
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$82,187 \$456,957
VISION RESEARCH	93.867					\$393,430
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$141,240 \$412,665
VISION RESEARCH	93.867					\$169,551
VISION RESEARCH	93.867					\$412,565
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$297,982 \$27,778
VISION RESEARCH	93.867					\$343,676
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$182,320 \$289,801
VISION RESEARCH	93.867					\$172,913
VISION RESEARCH	93.867					\$489,936
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$290,005 \$303,376
VISION RESEARCH	93.867					\$316,433
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$21,293 \$178,598
VISION RESEARCH	93.867					\$21,038
VISION RESEARCH VISION RESEARCH	93.867 93.867					\$149,380 \$93,926
VISION RESEARCH	93.867					\$24,488
MEDICAL LIBRARY ASSISTANCE	93.879				\$18,967	\$20,500
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879 93.879					\$50,106 \$500
MEDICAL LIBRARY ASSISTANCE	93.879					\$41,250
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$19,865
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$47,286
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$22,469
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$60,717
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$40,041
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884					\$359,752
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.884 93.918					\$271,227 \$362
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918					\$815,755
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.918					\$42,662
GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION						
SERVICES WITH RESPECT TO HIV DISEASE SCHOLARSHIPS FOR HEALTH PROFESSIONS STUDENTS FROM	93.918					\$556,917
DISADVANTAGED BACKGROUNDS SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE	93.925 93.928				\$23,625	\$227,371 \$196,141
SPECIAL PROJECTS OF NATIONAL SIGNIFICANCE PREVENTION AND PUBLIC HEALTH FUND (PPHF) PUBLIC	93.928				\$49,943	\$120,419
HEALTH TRAINEESHIPS INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.964 93.989				\$23,498	\$569 \$402,979
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989				\$43,200	\$131,420
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989 93.989					-\$59 \$128,862
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989					\$3,917
TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES DIRECT PROGRAMS					\$23.057.334	\$190,523,401
DEPARTMENT OF HEALTH AND HUMAN SERVICES PASS				•	φ23,037,334	φ (30,525,401
THROUGH PROGRAMS	00.000		MEE 4000000			***
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000		MEF ASSOCIATES PUBLIC HEALTH SOLUTIONS	na 16HRM364		\$948 \$244,438
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		PUBLIC HEALTH SOLUTIONS	N/A		\$38,549
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000		PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	N/A 16HRM364		\$7,468 \$155,610
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		UNIVERSITY OF SOUTH FLORIDA	PO0000232754		\$34,384
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		BRIGHAM AND WOMENS HOSPITAL TEMPLE UNIVERSITY OF THE	CALGB ID 323 Site NY141		\$5,369
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		COMMONWEALTH SYSTEM OF HIGHER EDUCATION	3101070577502		\$754
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		CHILDREN'S HOSPITAL OF PHILADELPHIA MASSACHUSETTS GENERAL	N/A		\$1,600
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		MASSACHUSETTS GENERAL HOSPITAL	NN101Y3Q4		\$2,576
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		ABT ASSOCIATES INCORPORATED TRUSTEES OF COLUMBIA	42385		\$1,367
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		UNIVERSITY IN THE CITY OF NEW YORK	R01HL117832		\$17,360
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000		UNIVERSITY OF SOUTH FLORIDA REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	1U01DK61055 8890sc		\$16,286 \$98,317
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000			U24AG052175/PO Colum0000081347		\$15,009
DEDARTMENT OF HEALTH AND HIMAN OFFICE	93.000		TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	D04HI 429240/ COLUMADODES		\$20,000
DEPARTMENT OF HEALTH AND HUMAN SERVICES	JJ.UUU		YORK P2 COLLABORATIVE OF WNY	R01HL128310/ COLUM92058		\$29,988
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		INCORPORATED	NA		\$35,159
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		NET ONCOLOGY FOUNDATION INC	N/A		\$7,103

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
DEDADTMENT OF HEALTH AND HUMAN SERVICES	93.000		TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	D04111 420407/D0 Celum0000000525		\$20,040
DEPARTMENT OF HEALTH AND HUMAN SERVICES			TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	R01HL128497/PO Colum0000088535		\$29,940
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	R01HL132347 COLUM0000092058		\$35,382
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.000 93.000		YORK OHIO STATE UNIVERSITY	R01HL134985/colum-0000088534 TBD		\$14,252 \$8,348
HEALTH EMERGENCY PREPAREDNESS (PHÉP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		HEALTH RESEARCH INC	434904		\$330
HEALTH EMERGENCY PREPAREDNESS (PHÉP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		HEALTH RESEARCH INC	486902		\$536
HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		PUBLIC HEALTH SOLUTIONS	14RFS01 / 76604		\$13,266
HEALTH EMERGENCY PREPAREDNESS (PHÉP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		PUBLIC HEALTH SOLUTIONS	15RFS01 / 76604		\$27,172
HEALTH EMERGENCY PREPAREDNESS (PHÉP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		PUBLIC HEALTH SOLUTIONS	15RFS02		\$30,000
HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC	93.074		PUBLIC HEALTH SOLUTIONS	15RFS03 / 76502		\$12,000
HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074		HEALTH RESEARCH INC	434905		\$605
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074		HEALTH RESEARCH INC	486903		\$14,576
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074		PUBLIC HEALTH SOLUTIONS	16RFS01 / 76604		\$49,530
HOSPITAL PREPAREDNESS PROGRAM (HPP) AND PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP) ALIGNED COOPERATIVE AGREEMENTS	93.074		PUBLIC HEALTH SOLUTIONS	14RFS01 / 76605		\$8,918
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		HEALTH RESEARCH INC	147-03		\$70,235
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	15071086 -5P20HL113443-04		\$89,898
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		AMERICAN HEART ASSOCIATION INCORPORATED	FXATRACSB04		\$36,032
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		RETREAT INCORPORATED	90FK0104		\$75,316
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		CENTER FOR POLICY RESEARCH	360985-CPR		\$29,996
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		RETREAT INCORPORATED	90FK0104		\$65,906
GUARDIANSHIP ASSISTANCE	93.090		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$109	\$4,972
			NYS OFFICE OF CHILDREN AND			
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$3,967	\$53,333
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005179		\$393
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005185		\$734
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C023001		\$20
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$373
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$380
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$455
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$401
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES	N/A		\$1,229
GUARDIANSHIP ASSISTANCE	93.090		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$94
GUARDIANSHIP ASSISTANCE	93.090		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$722
GUARDIANSHIP ASSISTANCE	93.090		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA		\$303
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$1,509
GUARDIANSHIP ASSISTANCE	93.090		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$45,123
GUARDIANSHIP ASSISTANCE GUARDIANSHIP ASSISTANCE	93.090 93.090		FAMILY SERVICES STONY BROOK UNIVERSITY	TBD NA		\$406 \$47
AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY EDUCATION PROGRAM AFFORDABLE CARE ACT (ACA) PERSONAL RESPONSIBILITY	93.092		NYS DEPARTMENT OF HEALTH	C027452		\$155,802
EDUCATION PROGRAM	93.092		NYS DEPARTMENT OF HEALTH UNIVERSITY OF NORTH CAROLINA	DOH01C32087GG3450000		\$140,435
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		AT CHAPEL HILL APPLIED RESEARCH ASSOCIATES	5102393		\$6,374
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		INCORPORATED UNIVERSITY OF NORTH CAROLINA	PO17-00026		\$1,663
FOOD AND DRUG ADMINISTRATION_RESEARCH COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES	93.103		AT CHAPEL HILL RESEARCH FOUNDATION FOR	5105900		\$35,238
(SED) COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES	93.104		MENTAL HYGIENE	129942		\$99,852
FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED)	93.104		CAYUGA COUNTY COMMUNITY MENTAL HEALTH	N/A		\$58,534
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES			COORDINATED CARE SERVICES			
(SED) MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.104		INC 68	N/A		\$70,329
PROGRAMS	93.110		68NIVERSITY OF ROCHESTER	416772		\$2,069

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MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED PROGRAMS	03 110		UNIVERSITY OF ROCHESTER	416913	-	-
MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.110		MOUNT SINAI SCHOOL OF	416913		\$11,044
PROGRAMS MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.110		MEDICINE ARKANSAS CHILDRENS HOSPITAL	025365454609		\$20,239
PROGRAMS	93.110		RESEARCH INSTITUTE	034273		\$7,284
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113		SYRACUSE UNIVERSITY UNIVERSITY OF IOWA	SP25865403819S01 1001555362	\$56,502	\$56,692 \$172,913
ENVIRONMENTAL HEALTH	93.113		SYRACUSE UNIVERSITY	SP25865103330S02		\$16,440
ENVIRONMENTAL HEALTH	93.113		UNIVERSITY OF WASHINGTON ATHGHIN BIOTECHNOLOGY	N/A		\$97,510
ENVIRONMENTAL HEALTH	93.113		INCORPORATED	N/A		\$12,251
ENVIRONMENTAL HEALTH	93.113		REGENTS OF THE UNIVERSITY OF MINNESOTA	P005170802		\$71,715
ORAL DISEASES AND DISORDERS RESEARCH	93.121		FORSYTH INSTITUTE	21127UBUFF2335		-\$14,044
ORAL DISEASES AND DISORDERS RESEARCH	93.121		CURATORS OF THE UNIVERSITY OF MISSOURI	0039118		\$86,994
			REGENTS OF THE UNIVERSITY OF			
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121		MINNESOTA UNIVERSITY OF PENNSYLVANIA	P001901002 558734/3051869		\$14,749 \$3,183
ORAL DISEASES AND DISORDERS RESEARCH	93.121		NEW YORK UNIVERSITY WEST VIRGINIA UNIV. RESEARCH CORP. ON BEHALF OF WEST	F714602		\$231,244
ORAL DISEASES AND DISORDERS RESEARCH	93.121		VIRGINIA UNIV.	12842UB		\$84,027
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121		UNIVERSITY OF CONNECTICUT UNIVERSITY OF UTAH	UCH653171569 10036053		\$49,319 \$23,353
			TRAVERSE BIOSCIENCES			
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121		INCORPORATED GLYCOMIRA THERAPEUTICS	TRB-N0224 5R44DE022216		\$14,472 \$115,301
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF NORTH CAROLINA	3K44DE022210		\$115,501
ORAL DISEASES AND DISORDERS RESEARCH	93.121		AT CHAPEL HILL	5032962		\$28,431
ORAL DISEASES AND DISORDERS RESEARCH	93.121		CURE INNOVATIONS, LLC UNIVERSITY OF NORTH CAROLINA	R41DE026085SUNY01		\$27,520
ORAL DISEASES AND DISORDERS RESEARCH	93.121		AT CHAPEL HILL	5105424		\$310,206
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5105286		\$176,061
			UNIVERSITY OF NORTH CAROLINA			
ORAL DISEASES AND DISORDERS RESEARCH	93.121		AT CHAPEL HILL CURATORS OF THE UNIVERSITY	5106173		\$24,887
ORAL DISEASES AND DISORDERS RESEARCH	93.121		OF MISSOURI	C000543201		\$87,136
ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF UTAH TRAVERSE BIOSCIENCES	10041969		\$46,506
ORAL DISEASES AND DISORDERS RESEARCH	93.121		INCORPORATED	TRB-N0224		\$94,476
GRANTS TO INCREASE ORGAN DONATIONS GRANTS TO INCREASE ORGAN DONATIONS	93.134 93.134		NY ALLIANCE FOR DONATION NY ALLIANCE FOR DONATION	R39OT27803 R39OT27803		\$37,591 \$110,995
INJURY PREVENTION AND CONTROL RESEARCH AND STATE	90.134		INT ALLIANCE FOR BONATION	1390127003		ψ110,993
AND COMMUNITY BASED PROGRAMS NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY	93.136		HEALTH RESEARCH INC	5612-01		\$2,368
TRAINING	93.142		RUTGERS UNIVERSITY	8209 / PO P0814421		\$109
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY	02.442		DUTCEDS LINIVEDSITY	8209 / PO P0814508		£44.700
TRAINING NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY	93.142		RUTGERS UNIVERSITY	6209 / FO F0614306		\$14,760
TRAINING	93.142		RUTGERS UNIVERSITY	8284PO440685		\$45,285
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING	93.142		RUTGERS UNIVERSITY	8284/PO440684		\$17,791
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC			B. B	2.55		
RESEARCH AND EDUCATION NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC	93.143		DARTMOUTH COLLEGE	R155		\$0
RESEARCH AND EDUCATION	93.143		DARTMOUTH COLLEGE	R155		\$55,526
NIEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION	93.143		DARTMOUTH COLLEGE	R155		\$6,293
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145		COLUMBIA UNIVERSITY	9GG01189701		\$2,896
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145 93.145		COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY	1GG01189702 G11255 11GG01189701		\$151,908 \$7,972
HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE	93.145		COLUMBIA UNIVERSITY	3GG01189702 SAPO:G11263		\$166,452
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153		WESTAT CORPORATION	HHSN275201300003C		\$2,322
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR						
WOMEN, INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR	93.153		WESTAT CORPORATION	HHSN275201300003C		\$54,268
WOMEN, INFANTS, CHILDREN, AND YOUTH	93.153		ERIE COUNTY MEDICAL CENTER	H12HA24856		\$400
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		JACKSON LABORATORY	647819		\$19,835
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION			MICROTRANSPONDER			
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION	93.173		INCORPORATED	MTT02		\$14,217
DISORDERS	93.173		UNIVERSITY OF GEORGIA	RR209-110/S000709		\$195,195
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS	93.173		UNIVERSITY OF FLORIDA	UFDSP00010788		\$93,518
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION						
DISORDERS	93.173		DUKE UNIVERSITY	2031900		\$83,684
DISABILITIES PREVENTION	93.184		MOUNT SINAI SCHOOL OF MEDICINE	025893334609		\$12,386
			MOUNT SINAI SCHOOL OF			
DISABILITIES PREVENTION RESEARCH AND TRAINING IN COMPLEMENTARY AND	93.184		MEDICINE	025893344609		\$9,285
INTEGRATIVE HEALTH	93.213		LUCIGEN CORPORATION BOARD OF REGENTS OF THE	1R43AT00875601		\$102,557
RESEARCH ON HEALTHCARE COSTS, QUALITY AND			UNIVERSITY OF OKLAHOMA	B0001015		
OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND	93.226		HEALTH SCIENCES CENTER MEDSTAR HEALTH RESEARCH	RS2012139906A3		\$5,781
OUTCOMES	93.226		INSTITUTE	GM005150		\$184,229
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES	93.226		JOINT COMMISSION	1R18HS02264701A1		\$51,611
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH	93.233		RAND CORPORATION	9920150086		\$13,998
MENTAL HEALTH RESEARCH GRANTS	93.242		TETRA DISCOVERY PARTNERS OREGON HEALTH & SCIENCE	R44MH091791		\$22,448
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY	1002908RFSUNY		\$21,527
MENTAL HEALTH RESEARCH GRANTS	93.242		RTI INTERNATIONAL	2340021265451723L		\$52,063
			REGENTS OF THE UNIVERSITY OF			
MENTAL HEALTH RESEARCH GRANTS	93.242		CALIFORNIA, SAN FRANCISCO	PO#: B000341649		\$28,234
			TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW			
MENTAL HEALTH RESEARCH GRANTS	93.242		IONN	1GG00572706		-\$1,141
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	PO2923074Y WU15326		\$8,453

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		COLUMBIA UNIVERSITY UNIVERSITY OF ROCHESTER	GG00572708 SAPO#G06152 416665	,	\$1,580 \$45,143
MENTAL HEALTH RESEARCH GRANTS	93.242		TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	567333		\$6,070
MENTAL HEALTH RESEARCH GRANTS	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025500914609		\$1,569
MENTAL HEALTH RESEARCH GRANTS	93.242		HARVARD MEDICAL SCHOOL NEW YORK UNIVERSITY SCHOOL	15244750978010211		\$65,739
MENTAL HEALTH RESEARCH GRANTS	93.242		OF MEDICINE UNIVERSITY OF SOUTHERN	M160024124 - 1201978		\$9,911
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		CALIFORNIA HARVARD MEDICAL SCHOOL	71019513 PO:50406859 15244750978010211		\$126,229 -\$13,666
MENTAL HEALTH RESEARCH GRANTS	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025582314609		\$19,501
MENTAL HEALTH RESEARCH GRANTS	93.242		INTRA CELLULAR THERAPIES INCORPORATED	R43MH108209		\$163,105
MENTAL HEALTH RESEARCH GRANTS	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI MASSACHUSETTS GENERAL	025500914609		\$90,779
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		HOSPITAL HARVARD MEDICAL SCHOOL	225799 15244750978010211		\$8,988 \$193,255
MENTAL HEALTH RESEARCH GRANTS	93.242		TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	569774		\$55,081
MENTAL HEALTH RESEARCH GRANTS	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025514414609		\$45,611
MENTAL HEALTH RESEARCH GRANTS	93.242		MASSACHUSETTS INSTITUTE OF TECHNOLOGY	5710004178		\$243,374
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		TETRA DISCOVERY PARTNERS RESEARCH FOUNDATION FOR MENTAL HYGIENE	R44MH091791 130312		\$64,382 \$33,214
MENTAL HEALTH RESEARCH GRANTS	93.242		UNIVERSITY OF ROCHESTER MOTION INTELLIGENCE	416983FAOGR510547		\$168
MENTAL HEALTH RESEARCH GRANTS	93.242		INCORPORATED NEW YORK UNIVERSITY SCHOOL	N/A		\$51,843
MENTAL HEALTH RESEARCH GRANTS SUBSTANCE ABUSE AND MENTAL HEALTH	93.242		OF MEDICINE	12-01970 PO#M160024124		\$11,562
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		UNIVERSITY OF TENNESSEE	8500047014		\$36,398
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		COMMUNITY COUNSELING & MEDIATION	Yr#2		\$15,386
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		NYS OFFICE OF ALCOHOLISM SUBSTANCE ABUSE SERVICES	NA		\$60,488
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL	30.240		NYS OFFICE OF ALCOHOLISM	177		ψου, 4ου
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		SUBSTANCE ABUSE SERVICES	128294		\$1,747
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		NYS OFFICE OF ALCOHOLISM SUBSTANCE ABUSE SERVICES	NA		\$66,210
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ERIE COUNTY DEPARTMENT OF MENTAL HEALTH	1686MH		\$15,656
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	7F044B		\$2,962
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL			RESEARCH FOUNDATION FOR			
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL	93.243		MENTAL HYGIENE	N/A		\$771
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		LAKESHORE BEHAVIORAL HEALTH	SM062404		\$80,191
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		ADDICTIONS CARE CENTER OF ALBANY INCORPORATED	N/A		\$45,404
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		RESEARCH FOUNDATION FOR MENTAL HYGIENE	N/A		\$10,765
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES_PROJECTS OF REGIONAL AND NATIONAL			ERIE COUNTY DEPARTMENT OF			
SIGNIFICANCE PUBLIC HEALTH TRAINING CENTERS PROGRAM	93.243 93.249		MENTAL HEALTH COLUMBIA UNIVERSITY	1686MH N/A		\$89,352 \$2,368
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025458314609		\$39,221
OCCUPATIONAL SAFETY AND HEALTH PROGRAM			NEW YORK UNIVERSITY SCHOOL OF MEDICINE			
	93.262		ICAHN SCHOOL OF MEDICINE AT	15A00000409701/M160018288		\$66,776
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		MOUNT SINAI UNIVERSITY OF MASSACHUSETTS	025365354609 S51130000030773		\$107
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262		LOWELL RENSSELAER POLYTECHNIC INSTITUTE	A12694		\$1,140 -\$31,289
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		RENSSELAER POLYTECHNIC INSTITUTE	A12694		\$4,999
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025459214609		\$134,350
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		ONONDAGA COUNTY	N/A		-\$1
IMMUNIZATION COOPERATIVE AGREEMENTS	93.268		ONONDAGA COUNTY PACIFIC INSTITUTE FOR	35014R2		\$37,012
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273		RESEARCH AND EVALUATION CURATORS OF THE UNIVERSITY OF MISSOURI	0743 C000442361-1		\$164,306 \$56,461
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273		SCRIPPS RESEARCH INSTITUTE PENNSYLVANIA STATE	5-52437		\$56,461 \$12,402
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273		UNIVERSITY BROWN UNIVERSITY	NYRFAA024990 00000901		\$55,854 \$23,555
ALCOHOL RESEARCH PROGRAMS	93.273		BROWN UNIVERSITY	PUR-0034796 00000918		\$14,139
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273		SIMMERSION SYRACUSE UNIVERSITY UNIVERSITY OF TEXAS HEALTH	R44AA023719 2839704395S02		\$133,172 \$20,578
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		SCIENCE CENTER ATHGHIN BIOTECHNOLOGY	0011756A		\$140,429
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279		INCORPORATED	1R41DA03898301 UA15042		\$29,392 \$71,152
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		7 ONIVERSITY OF ALABAMA NIVERSITY OF MARYLAND	Z0667001		\$254,883

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DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279 93.279		UNIVERSITY OF CALIFORNIA AT SAN DIEGO UNIVERSITY OF WASHINGTON YALE UNIVERSITY NEW YORK UNIVERSITY SCHOOL	72448663 UWSC8834 M16A12338 (A10502)		\$408,590 \$41,816 \$46,885
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279		OF MEDICINE RTI INTERNATIONAL	4DP1DA036478-04 1340021529752559L		\$35,572 \$40,877
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279		YALE UNIVERSITY NEW YORK UNIVERSITY	M17A12525A10803 iB00041344 Subaward F862101		\$26,532 \$27,957
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		JACKSON LABORATORY	207197		\$29,153
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279		FORDHAM UNIVERSITY COLORADO STATE UNIVERSITY	FORD0025 G849911		\$6,048 \$197,885
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		JACKSON LABORATORY	208307-0-SERV		\$28,218
_	93.283		ASSOCIATION OF SCHOOLS OF PUBLIC HEALTH	U36OE00002		\$356,342
_	93.283		HEALTH RESEARCH INC	477904	\$21,019	\$338,661
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		HEALTH RESEARCH INC	477902		-\$1
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		HEALTH RESEARCH INC	477903		\$57,014
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		UNIVERSITY OF SOUTH CAROLINA	162969		\$50,845
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		CERNER CORPORATION	200201563931		\$98,725
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		UNIVERSITY OF SOUTH CAROLINA	173170PO2000029193		\$166,597
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		BRIGHAM AND WOMENS HOSPITAL	114169/109443		\$115,795
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		WRIGHT STATE UNIVERSITY	P0040584		\$14,592
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		KITWARE INCORPORATED	K00139600S01		\$87,199
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		CORNELL UNIVERSITY	7577710738		\$18,251
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		HEALTH RESEARCH INC NATIONAL CAMPAIGN TO PREVENT TEEN AND UNPLANNED	559801		\$7,886
TEENAGE PREGNANCY PREVENTION PROGRAM NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.297 93.300		PREGNANCY HEALTH RESEARCH INC FLORIDA INTERNATIONAL	NA 15074703		\$73,095 \$21,146
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307		UNIVERSITY NORTHERN ILLINOIS UNIVERSITY	80000209406 G1A62575-A		\$49,778 \$3,229
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307		INQUISITHEALTH INCORPORATED DUKE UNIVERSITY BOARD OF TRUSTEES OF THE	N/A 2035370/1R01MD010354-01		\$16,346 \$55,964
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		UNIVERSITY OF ILLINOIS MEMORIAL SLOAN KETTERING	16168		\$19,386
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		CANCER CENTER	BD521191		\$59,747
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310		TRUSTEES OF BOSTON COLLEGE UNIVERSITY OF NEW MEXICO	510196211 NA		\$2,047 \$10,418
TRANS-NIH RESEARCH SUPPORT	93.310		TRUSTEES OF BOSTON COLLEGE MEDICAL UNIVERSITY OF SOUTH	51019638		\$12,342
TRANS-NIH RESEARCH SUPPORT	93.310		CAROLINA	MUSC160858C267		\$11,676
RESEARCH INFRASTRUCTURE PROGRAMS NURSE EDUCATION, PRACTICE QUALITY AND RETENTION	93.351		OREGON STATE UNIVERSITY NORTHEASTERN UNIVERSITY	P0362AA		\$79,541
GRANTS BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL	93.359			P1703489 /500501-78050		\$54,627
COUNTERMEASURE DEVELOPMENT NURSING RESEARCH	93.360 93.361		ARTERIOCYTE INCORPORATED UNIVERSITY OF ROCHESTER PENNSYLVANIA STATE	20131016v1 416554G		\$67,176 \$62,617
NURSING RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.361 93.393		UNIVERSITY HEALTH RESEARCH INC	5591 SUNY UM 1115 55098901		\$39,552 \$87,444
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		HEALTH RESEARCH INC HEALTH RESEARCH INC	73-01 5401		-\$1,405 \$1,002
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		HEALTH RESEARCH INC HEALTH RESEARCH INC	9401 11501		\$866 \$95,132
CANCER CAUSE AND PREVENTION RESEARCH	93.393		KAISER FOUNDATION RESEARCH INSTITUTE	1159289UB		\$16,823
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		REGENTS OF THE UNIVERSITY OF CALIFORNIA BAYLOR COLLEGE OF MEDICINE	20130349801 102057318 PO 5601152348		\$12,894 \$93,409
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		RIVERSIDE RESEARCH INSTITUTE HEALTH RESEARCH INC	NONYOG01275P01332801 7503		\$3,599 \$2,952
CANCER CAUSE AND PREVENTION RESEARCH	93.393		COLD SPRING HARBOR LABORATORY	55070421 920945 SV		\$34,229
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		UNIVERSITY OF SOUTH FLORIDA HEALTH RESEARCH INC	1229-1087-00C 22201		\$11,787 \$48,191
CANCER CAUSE AND PREVENTION RESEARCH	93.393		RUTGERS UNIVERSITY BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA	6019/PO#S2406708		\$67,816
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		BIRMINGHAM HEALTH RESEARCH INC VIRGINIA POLYTECHNIC	000511565002 7504		\$13,546 \$45,294
CANCER CAUSE AND PREVENTION RESEARCH	93.393		INSTITUTE AND STATE UNIV	45911719B88		\$10,449
CANCER DETECTION AND DIAGNOSIS RESEARCH CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394 93.394		71 UNIVERSITY HEALTH RESEARCH INC	2 (Acct. #5-30079) 12501		\$22,098 \$755

ACL ASSISTIVE TECHNOLOGY ACL ASSISTIVE TECHNOLOGY ACL ASSISTIVE TECHNOLOGY AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY ACL ASSISTIVE TECHNOLOGY AFFORDABLE CARE ACT (ACA) SE SCHANGES STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES STATE PLANNING ND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)? SE XCHANGES	Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
AMERICAN DESCRIPTION AND DEVOLOGING RESERVED. 13.50	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MINNESOTA	P003977801		\$57,704
CALLS SEREMAN AND DESCRIPTION AND DESCRIPTION SERVICES SE				LABORATORY			
DATE	CANCER DETECTION AND DIAGNOSIS RESEARCH			CASE WESTERN RESERVE UNIVERSITY			
CAMER DITION AND PROCESSOR REPORT 19.381	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		LABORATORY	55070517		\$460,311
CAMBRIDGE CAMBRIDGE SERVICE	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY	RES511173		\$34,561
CANCES TREATMENT RESEARCH \$3.00	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394			RES511505		\$16,058
MARCON CLUSTER OF JUNE	CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		CHILDRENS HOSPITAL OF BOSTON	GENFD0001239834		\$7,931
CONCEST PRESENTED 19.306 PARTITION 19.306 24.100 24.00	CANCER TREATMENT RESEARCH	93.395			na	\$1,125	\$5,292
MACHINERISERION 23.55 MACHINERISERION 27.105 MACHINERISERION 27	CANCER TREATMENT RESEARCH	93.395			309		\$42,898
CAMPAINT PRESENTED				HEALTH RESEARCH INC			
CANCER TREATMENT RESPANCH 9.396 PRILADELPHIA CANCER TREATMENT RESPANCH 9.396 CANCER TREATMENT RES				PHILADELPHIA EMORY UNIVERSITY			
DATE PRIVATE	CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	U10CA180886		\$40,927
CANCER REATHER SERVICE CANCER TREATHER SEGRACH 23.36 CANCER REATHER SEGRACH 23.36 CANCER SEGRACH 23.36 CANCE				PHILADELPHIA			
CANCER TREATMENT RESEARCH 3.386 AMBIENTANT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH 23.386 CHECKER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH 23.386 CHECKER TREATMENT RESEARCH CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH 23.386 CHECKER TREATMENT RESEARCH 24.000 CHECKER TREATMENT CHECKER TREATMENT 24.000 CHECKER TREATMENT 24.000	CANCER TREATMENT RESEARCH	93.395		TARGAGENIX INCORPORATED	HHSN261201500018C		\$51,901
CANCER REACHENT RESEARCH 9.386 UNDESSOR PROTECTION 2000 9.386							
CAMICER RELATION RESEARCH 9.336 RESEARCH 9.326 PLANE RESEARCH PLANE RESEARCH 9.326 PLANE RESE	CANCER TREATMENT RESEARCH	93.395		ANDERSON CANCER CENTER	/PO# 3000772047		\$21,121
CHILDREN HOSPITAL OF MALE TREATMENT CONCERT TREATMENT RESEARCH 10.3.36 PHILADEL FOR 10.0 10.0 15.3.66 PHILADEL FOR 10.0 15.0 15.3.66 PHILADEL FOR 10.0 15.3				RESEARCH FOUNDATION			
CANCER BIOLOGY RESEARCH 93.356 HEALTH RESEARCH MC 150 3.565 (REALTH RESEARCH MC 150 3.565) CANCER BIOLOGY RESEARCH 93.356 MACHINES RICORPORATED NA 3.565 CANCER BIOLOGY RESEARCH 93.356 MACHINES RICORPORATED NA 3.565 CANCER BIOLOGY RESEARCH 93.356 CONNELL LIBRINESSITY OF THIS RESEARCH 150 3.562 (RESEARCH MC 150 3.565) CANCER BIOLOGY RESEARCH 93.356 CONNELL LIBRINESSITY OF THIS RESEARCH 150 3.562 (RESEARCH MC 150 3.565) CANCER BIOLOGY RESEARCH 93.356 PORT RESEARCH 150 3.565 (RESEARCH MC 150 3.565) CANCER BIOLOGY RESEARCH 93.356 RESEARCH 93.357 RESEA				CHILDREN'S HOSPITAL OF			
CANCER BIOLOGY RESEARCH 93.366 #BLATH RESEARCH NO 1510S \$13.366 CANCER BIOLOGY RESEARCH 93.366 MACHINES BIOLOGY RESEARCH 93.366 (BURNERS BIOLOGY RESEARCH 93.366) CANCER BIOLOGY RESEARCH 93.366 (BURNERS BIOLOGY RESEARCH 93.366) CANCER BIOLOGY RESEARCH 93.366 (BURNERS BIOLOGY RESEARCH 93.366) CANCER BIOLOGY RESEARCH 93.366 (CONNEL LUNVIRSITY FOR L							
CANCER BIOLOGY RESEARCH 93.396 UNIVERSITY CONCRETE SIGNATURE ASSESSMENT OF STATE ASSESSMENT OF STATE ASSESSMENT OF STATE OF STATE ASSESSMENT OF STATE OF STA				HEALTH RESEARCH INC ADVANCED BIOMEDICAL	15103		
CANCER BIOLOGY RESEARCH 93.366 CONNELL MURESRITY CANCER CENTERS SUPPORT GRANTS 93.397 MEANING SUPPORT GRANTS 93.397 CONNELL MURESRITY OF MUSICONSIN MURESRITY OF MUSIC							
EUNICE BIOLOGY RESEARCH 93.366 BORRO OF TRUSTEES OF THE UNIVERSITY OF ELLADIS. CANCER BIOLOGY RESEARCH 93.366 CORNELL UNIVERSITY 1720 PIG 9 \$73,873 CANCER BIOLOGY RESEARCH 93.366 RENSELARCH POLYTECHNUM. CANCER BIOLOGY RESEARCH 93.366 ABBRIT BINDIT BIOLOGY RESEARCH 93.367 MILES OF THE UNIVERSITY OF THE CORNEL OF THE CORN				WEILL MEDICAL COLLEGE OF			
WILL MEDICAL COLLEGE OF CONNEL JUNIORSTITUTE 1700/190 373,273				BOARD OF TRUSTEES OF THE			
CANCER BIOLOGY RESEARCH 93.396 RENSELAR POLYTECHNIC NOTITUTE 210078 \$32,724 CANCER BIOLOGY RESEARCH 93.396 ABERT ENNETHOUS CLEGE OF P0598784 \$44,821 CANCER BIOLOGY RESEARCH 93.396 BOARD OF RECEINS OF THE UNIVERSITY OF PTESTANDERS OF THE UNIVERSITY OF THE UNIVERSIT				WEILL MEDICAL COLLEGE OF			
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LIVING, AND REHABILITATION RESEARCH	LIVING, AND REHABILITATION RESEARCH	93.433			RF542G1		\$13,648
LIVING, AND REHABILITATION RESEARCH ACL ASSISTIVE TECHNOLOGY 93.464 ACL	LIVING, AND REHABILITATION RESEARCH	93.433		CARNEGIE MELLON UNIVERSITY	1090443363347		\$46,607
ACL ASSISTIVE TECHNOLOGY 93.464 SPECIAL NEEDS JUS01C10007GG1420000 \$13.976 ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS JUS01C10008GG1420000 \$21.642 ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS NYS JUS01C10008GG1420000 \$20.6462 ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS NYS JUS01C10007GG1420000 \$90.325 AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY PROTECTION OF PEOPLE WITH SPECIAL NEEDS NYS OFFICE OF CHILDREN AND FAMILY SERVICES COLERY OF NEW YORK COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) GRANTS TO STATES FOR HEALTH INSURANCE PREMIUM REVIEW 93.551 HEALTH RESEARCH INC COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 COMMUNITY SERVICE SOCIETY OF NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NAME AFFORDABLE CARE ACT (ACA) SEXCHANGES 93.525 NEW YORK NA	LIVING, AND REHABILITATION RESEARCH	93.433		NYS JUSTICE CENTER FOR THE	1090475370588		\$145,269
ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS JUSO1C10008GG1420000 ACL ASSISTIVE TECHNOLOGY 93.464 ACL ASSISTIVE TECHN	ACL ASSISTIVE TECHNOLOGY	93.464		SPECIAL NEEDS	JUS01C10007GG1420000		\$13,976
ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS JUSO1C10008GG1420000 \$21,642 ACL ASSISTIVE TECHNOLOGY 93.464 ADV FOR PERSONS WITH DIS NYS COMM ON QUAL CARE AND ADV FOR PERSONS WITH DIS NYS USTRICE CENTER FOR THE PROTECTION OP PEROPLE WITH SUBSTITUTE CENTER FOR THE PROTECTION OP PEOPLE WITH SUBSTITUTE CENTER FOR THE PROTECTION OF PEOPLE WITH SUBSTITUTE CENTER FOR THE PRO	ACL ASSISTIVE TECHNOLOGY	93.464		ADV FOR PERSONS WITH DIS	JUS01C10008GG1420000		\$78,252
ACL ASSISTIVE TECHNOLOGY 33.464 ADV POR PERSONS WITH DIS N/A ADV POR PERSONS WITH DIS N/A APPORE PROTECTION OP PEOPLE WITH PROTECTION OP PEOPLE WITH SPECIAL NEEDS N/S JUSTICE CENTER FOR THE PROTECTION OP PEOPLE WITH SPECIAL NEEDS N/S OFFICE OF CHILDREN AND FEGURE WITH SURVINCE PERSONS NOT NOT SERVICE SCIETY OF N/S OFFICE OF CHILDREN AND FEGURE NEEDS N/S OFFICE OF CHILDREN AND FEGURE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE DISTRIBUTION TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE DISTRIBUTION TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE DISTRIBUTION TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND FEMULY SERVICES TO THE N/S OFFICE OF CHILDREN AND THE N/S	ACL ASSISTIVE TECHNOLOGY	93.464		ADV FOR PERSONS WITH DIS	N/A		\$42,499
NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS JUSCIC 10007GG1420000 \$90,325	ACL ASSISTIVE TECHNOLOGY	93.464			JUS01C10008GG1420000		\$21,642
ACL ASSISTIVE TECHNOLOGY 93.464 SPECIAL NEEDS JUS01C10007GG1420000 \$90,325 AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM 93.505 FAMILY SERVICES C005280 \$27,246 AFFORDABLE CARE ACT (ACA) GRANTS TO STATES FOR HEALTH INSURANCE PREMIUM REVIEW 93.511 HEALTH RESEARCH INC 15075001 \$238,990 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$31,685 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK C028904 \$-\$2 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK C028904 \$-\$2 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.558 NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANC	ACL ASSISTIVE TECHNOLOGY	93.464		NYS JUSTICE CENTER FOR THE	N/A		\$2,923
CHILDHOOD HOME VISITING PROGRAM 93.505 FAMILY SERVICES C005280 \$27,246 AFFORDABLE CARE ACT (ACA) GRANTS TO STATES FOR HEALTH INSURANCE PREMIUM REVIEW 93.511 HEALTH RESEARCH INC 15075001 \$238,990 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK N/A \$-\$1,685 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK C028904 \$-\$2 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK C028904 \$-\$2 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)'SE EXCHANGES 93.525 NEW YORK N/A \$107,489 TEMPORAPY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES OCIETY OF NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$11,6657 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 NYS OFFICE OF CHILDREN AND TBD \$72,106 \$1,576,043				SPECIAL NEEDS	JUS01C10007GG1420000		\$90,325
HEALTH INSURANCE PREMIUM REVIEW 93.511	CHILDHOOD HOME VISITING PROGRAM				C005280		\$27,246
AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$-\$1,685 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK C028904 -52 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK C028904 -52 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICE SO CIETY OF TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$72,106 \$1,576,043 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TBD \$72,106 \$1,576,043	HEALTH INSURANCE PREMIUM REVIEW	93.511			15075001		\$238,990
AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK C028904 \$2 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY SPOCK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TBD \$72,106 \$1,576,043 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TBD \$72,106 \$1,576,043	AFFORDABLE CARE ACT (ACA)?S EXCHANGES	93.525		NEW YORK	N/A		-\$1,685
AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$37,088 STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$28,767 \$1,316,657 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 NYS OFFICE OF CHILDREN AND FAMILY SERVICES TBD \$31,271 \$420,417 NYS OFFICE OF CHILDREN AND TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TBD \$31,271 \$420,417 NYS OFFICE OF CHILDREN AND TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TBD \$72,106 \$1,576,043	AFFORDABLE CARE ACT (ACA)?S EXCHANGES	93.525		NEW YORK	C028904		-\$2
AFFORDABLE CARE ACT (ACA)?S EXCHANGES 93.525 NEW YORK N/A \$107,489 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$28,767 \$1,316,657 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 TEMPORARY ASSISTANCE FOR NEEDY FAMILES 72 FAMILY SERVICES TBD \$72,106 \$1,576,043	AFFORDABLE CARE ACT (ACA)?S EXCHANGES STATE PLANNING AND ESTABLISHMENT GRANTS FOR THE			NEW YORK COMMUNITY SERVICE SOCIETY OF			
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 STONY BROOK UNIVERSITY C027768 \$116,148 \$157,035 NYS OFFICE OF CHILDREN AND NYS OFFICE OF CHILDREN AND TBD \$31,271 \$420,417 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$72,106 \$1,576,043 MYS OFFICE OF CHILDREN AND NYS OFFICE OF CHILDREN AND TBD \$72,106 \$1,576,043	AFFORDABLE CARE ACT (ACA)?S EXCHANGES			NEW YORK NYS OFFICE OF CHILDREN AND			
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 FAMILY SERVICES TBD \$31,271 \$420,417 NYS OFFICE OF CHILDREN AND NYS OFFICE OF CHILDREN AND TBD \$72,106 \$1,576,043 TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 75 FAMILY SERVICES TBD \$72,106 \$1,576,043 NYS OFFICE OF CHILDREN AND NYS OFFICE OF CHILDREN AND \$72,106 \$1,576,043				STONY BROOK UNIVERSITY			\$1,316,657 \$157,035
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES 93.558 72 FAMILY SERVICES TBD \$72,106 \$1,576,043 NYS OFFICE OF CHILDREN AND	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES	TBD	\$31,271	\$420,417
	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		70 FAMILY SERVICES	TBD	\$72,106	\$1,576,043
	TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558			C26760		\$467

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	•	\$1,259
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE STONY BROOK UNIVERSITY	C002851MOU002822 C001998		\$765,024 \$82,659
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$218,441
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005183		\$412,982
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005187		\$108,164
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005188		\$28,195
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005178		\$228,581
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005181		\$339,201
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$221,166
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005182		\$135,023
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005180		\$335,378
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES	C023001		\$10,176
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$27,664
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		ESSEX COUNTY DEPARTMENT OF SOCIAL SERVICES NYS OFFICE OF CHILDREN AND	DSS160055		\$41,165
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$439,748
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES	TBD		\$237,770
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FRANKLIN COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$22,181
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002851		\$2,942,150
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$91,843
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$205,815
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$97,039
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$293,022
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$23,388
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$237,880
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		STONY BROOK UNIVERSITY CLINTON COUNTY DEPARTMENT	NA		\$70,358
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		OF SOCIAL SERVICES ESSEX COUNTY DEPARTMENT OF	N/A		\$18,961
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		SOCIAL SERVICES	N/A		\$26,696
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FRANKLIN COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$11,358
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$343,485
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$359,345
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558		FAMILY SERVICES STONY BROOK UNIVERSITY	TBD NA		\$179,829 \$11,078
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C027970		\$6,569
JOB OPPORTUNITIES AND BASIC SKILLS TRAINING	93.561		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005167		\$426,532
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C009878		\$8,954
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C020746		\$1,444
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760		\$125
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$358
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021761		\$27,780
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$44,899
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005170		\$336,529
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$35,056
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005173		\$465,739
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005168		\$797,586
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$2,953
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021902		\$111,223
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$26,567
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005281		\$448,648
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005082		\$627,012
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	C005286		\$119,548
CHILD SUPPORT ENFORCEMENT	93.563		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$46,200
CHILD SUPPORT ENFORCEMENT	93.563		FAMILY SERVICES	N/A		\$41,616

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CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021952		\$65,185
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021958		\$37,014
CHILD SUPPORT ENFORCEMENT	93.563		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$19,999
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760		\$71
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$145
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$18,400
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$14,255
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$1,226
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$10,990
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$18,435
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$13,981
LOW-INCOME HOME ENERGY ASSISTANCE	93.568		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$8,292
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$5,461	\$119,368
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	C027768	\$8,791	\$11,886
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$2,103	\$96,275
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C002742/MOU2004	\$571,197	\$599,757
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C002742/MOU2004	\$1,277,221	\$1,341,082
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005065		-\$4,067
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575		FAMILY SERVICES STONY BROOK UNIVERSITY	C023001 C001998		\$81 \$6,268
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$73,285
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005183		\$31,251
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005184		\$298,160
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005187		\$8,204
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005188		\$2,138
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005178		\$17,338
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005186		\$3,991,488
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005189		\$285,309
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185		\$165,614
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005183		\$103,014
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005182		\$25,396
			NYS OFFICE OF CHILDREN AND FAMILY SERVICES			
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND	C023001		\$605
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$38,831
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$53,454
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$6,705
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$4,099,280
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$57,883
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$7,089
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$21,382
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$598,626
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$566,171
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$1,708
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$278,480
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575		FAMILY SERVICES STONY BROOK UNIVERSITY	N/A NA		\$178,738 \$5,141
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$178,925
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$25,058
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$40,405
CHILD CARE AND DEVELOPMENT BLOCK GRANT REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY	93.575		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA		\$808
GRANTS REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY	93.576		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005179		\$1,415
GRANTS REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY	93.576		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005185		\$7,036
GRANTS REFUGEE AND ENTRANT ASSISTANCE_DISCRETIONARY	93.576		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$1,441
GRANTS	93.576		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$7,155
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		74 FAMILY SERVICES	C005270		\$194,203

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COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005138	•	\$519,845
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005137		\$39,214
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005256		\$1,034,680
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005257		\$82,470
CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD CARE AND DEVELOPMENT FUND	93.596		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760		\$19
ASSISTANCE FOR TORTURE VICTIMS	93.604		JEWISH FAMILY SERVICES CATHOLIC FAMILY CENTER OF	NA NA		\$30,441
FAMILY CONNECTION GRANTS	93.605		ROCHESTER	N/A		\$9,722
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	C024319		\$154,862
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	C024319		\$35,828
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	C024308		\$27,011
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL NYS OFFICE OF CHILDREN AND	C024308		\$20,559
FOSTER CARE_TITLE IV-E FOSTER CARE_TITLE IV-E	93.658 93.658		FAMILY SERVICES STONY BROOK UNIVERSITY	TBD C027768	\$2,281 \$4,638	\$104,410 \$6,271
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$5,594	\$122,279
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$11,806	\$158,717
			NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760	ψ11,000	\$138,717
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND			
FOSTER CARE_TITLE IV-E FOSTER CARE_TITLE IV-E	93.658 93.658		FAMILY SERVICES STONY BROOK UNIVERSITY	C023001 C001998		\$395 \$7,242
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$53,234
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005183		\$73,759
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005187		\$8,009
			NYS OFFICE OF CHILDREN AND			
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005188		\$2,100
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005178		\$39,081
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005181		\$29,452
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005185		\$90,118
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005182		\$10,087
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005180		\$39,038
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES ALBANY COUNTY DEPARTMENT FOR CHILDREN YOUTH AND	C023001		\$3,266
FOSTER CARE_TITLE IV-E	93.658		FAMILIES	RES403		\$17,839
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$54,486
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$55,375
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$6,958
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$52,648
FOSTER CARE TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$7,290
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND			\$49,646
			FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		
FOSTER CARE_TITLE IV-E	93.658		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$2,460
FOSTER CARE_TITLE IV-E FOSTER CARE_TITLE IV-E	93.658 93.658		FAMILY SERVICES STONY BROOK UNIVERSITY	N/A NA		\$100,430 \$6,210
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$41,964
FOSTER CARE_TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$138,503
FOSTER CARE TITLE IV-E	93.658		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$43,657
FOSTER CARE_TITLE IV-E	93.658		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA		\$464
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES	TBD	\$72,084	\$969,122
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$15,633	\$715,506
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$38,362	\$838,486
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659 93.659		STONY BROOK UNIVERSITY STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	C027768 C001998	\$68,362	\$92,427 \$42,772
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005183		\$157,179
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005187		\$58,111
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005188		\$15,128
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005178		\$89,596
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005181		\$173,518
ADOPTION ASSISTANCE	93.659		75 FAMILY SERVICES	C005182		\$72,464

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ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005180	,	\$158,982
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$234,207
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$50,391
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$53,346
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$119,630
ADOPTION ASSISTANCE	93.659		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$11,798
ADOPTION ASSISTANCE	93.659		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA		\$37,278
ADOPTION ASSISTANCE	93.659		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD		\$164,535
ADOPTION ASSISTANCE ADOPTION ASSISTANCE	93.659 93.659		FAMILY SERVICES STONY BROOK UNIVERSITY	TBD NA		\$820,250 \$6,642
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$49,860	\$2,282,115
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$100,478	\$2,196,174
SOCIAL SERVICES BLOCK GRANT	93.667		STONY BROOK UNIVERSITY NYS OFFICE OF TEMPORARY &	C027768	\$71,733	\$96,985
SOCIAL SERVICES BLOCK GRANT	93.667		DISABILITY ASSISTANCE ERIE COUNTY DEPARTMENT OF	C021754		\$186,891
SOCIAL SERVICES BLOCK GRANT	93.667		SOCIAL SERVICES ERIE COUNTY DEPARTMENT OF	ED3976		\$155,094
SOCIAL SERVICES BLOCK GRANT	93.667		SOCIAL SERVICES	ED3975		\$29,145
SOCIAL SERVICES BLOCK GRANT	93.667		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	C001998		\$44,868
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005183		\$164,907
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005187		\$60,960
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005188		\$15,870
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005178		\$94,000
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005181		\$183,238
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005182		\$76,019
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES ONTARIO COUNTY DEPARTMENT	C005180		\$166,818
SOCIAL SERVICES BLOCK GRANT	93.667		OF SOCIAL SERVICES DUTCHESS COUNTY DEPARTMENT	N/A		\$21,521
SOCIAL SERVICES BLOCK GRANT	93.667		OF COMMUNITY AND FAMILY SERVICES	N/A		\$50,422
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021896		\$560,937
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$249,251
SOCIAL SERVICES BLOCK GRANT	93.667		ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4230		\$238,770
SOCIAL SERVICES BLOCK GRANT	93.667		ERIE COUNTY DEPARTMENT OF SOCIAL SERVICES	ED4231		\$497,195
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT			NYS OFFICE OF CHILDREN AND			
	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$54,566
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$57,760
SOCIAL SERVICES BLOCK GRANT	93.667		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A		\$129,522
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667 93.667		FAMILY SERVICES STONY BROOK UNIVERSITY	N/A NA		\$12,780 \$40,360
SOCIAL SERVICES BLOCK GRANT	93.667		ONTARIO COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A		\$25,559
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$178,196
			ALBANY COUNTY DEPARTMENT FOR CHILDREN YOUTH AND			
SOCIAL SERVICES BLOCK GRANT SOCIAL SERVICES BLOCK GRANT	93.667 93.667		FAMILIES STONY BROOK UNIVERSITY	N/A NA		\$16,349 \$7,193
SOCIAL SERVICES BLOCK GRANT	93.667		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$18,635
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701		EMMES CORPORATION CHILDREN'S HOSPITAL OF	P0083A		\$10,532
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701		PHILADELPHIA	N/A		\$11,390
EMPOWERING OLDER ADULTS AND ADULTS WITH DISABILITIE THROUGH CHRONIC DISEASE SELF-MANAGEMENT EDUCATION						
PROGRAMS ? FINANCED BY PREVEN STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT	93.734		STATE OF OREGON	147520		-\$29,356
OBESITY, DIABETES, HEART DISEASE AND STROKE (PPHF) STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT	93.757		HEALTH RESEARCH INC FUND FOR PUBLIC HEALTH IN	15079702		\$5,332
OBESITY, DIABETES, HEART DISEASE AND STROKE (PPHF) STATE AND LOCAL PUBLIC HEALTH ACTIONS TO PREVENT	93.757		NEW YORK	80842		\$108,892
OBESITY, DIABETES, HEART DISEASE AND STROKE (PPHF)	93.757		HEALTH RESEARCH INC	15079703		\$9,860
EVIDENCE-BASED FALLS PREVENTION PROGRAMS FINANCEI SOLELY BY PREVENTION AND PUBLIC HEALTH FUNDS (PPHF)			HEALTH RESEARCH INC	15082501		\$39,428
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760		\$274
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001		\$739
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$75,094
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179		\$26,491
MEDICAL ASSISTANCE PROGRAM MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C003183		\$26,491 \$5,415
MEDICAL ASSISTANCE PROGRAM MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND	TBD		\$5,415 \$56,335
MEDICAL ACCIO I ANCE PROGRAMI	55.110		76 FAMILY SERVICES	טפו		φ30,333

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MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$71,538
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$25,403
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD		\$40,120
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS DEPARTMENT OF HEALTH	na		\$434
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A		\$52,567
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A		\$41,751
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS DEPARTMENT OF HEALTH	N/A		\$39,057
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS DEPARTMENT OF HEALTH	N/A		\$17,160
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)						
RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)	93.779		NYS DEPARTMENT OF HEALTH NYS OFFICE FOR PEOPLE WITH	N/A		\$50,091
RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)	93.779		DEV DISABILITIES NYS DEPARTMENT OF SOCIAL	N/A		\$142,714
RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)	93.779		SERVICES NYS OFFICE FOR PEOPLE WITH	N/A		\$296
RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)	93.779		DEV DISABILITIES	N/A		\$160,627
RESEARCH, DEMONSTRATIONS AND EVALUATIONS CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS)	93.779		NYS DEPARTMENT OF HEALTH	N/A		\$30,367
RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS DEPARTMENT OF HEALTH	N/A		\$37,481
CENTERS FOR MEDICARE AND MEDICAID SERVICES (CMS) RESEARCH, DEMONSTRATIONS AND EVALUATIONS	93.779		NYS OFFICE FOR PEOPLE WITH DEV DISABILITIES	N/A		\$46,218
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		UNIVERSITY OF ROCHESTER COLUMBIA UNIVERSITY	415494G001 GG00659024		\$1,292 \$141,362
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		COLUMBIA UNIVERSITY DUKE UNIVERSITY	1GG00659015 200464-IR723SITE		\$339,208 \$21,421
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	AT723 EPM6322		\$27,185
CARDIOVASCULAR DISEASES RESEARCH	93.837			R01HL123368/POcolum-0000055967		\$14,672
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF IOWA ROCHESTER INSTITUTE OF	1001781974		\$17,701
CARDIOVASCULAR DISEASES RESEARCH	93.837		TECHNOLOGY WASHINGTON UNIVERSITY ST	3153501		\$2,115
CARDIOVASCULAR DISEASES RESEARCH	93.837		LOUIS NEW ENGLAND RESEARCH	WU1640 PO#2928298A		\$144,625
CARDIOVASCULAR DISEASES RESEARCH	93.837		INSTITUTE	N/A		\$15,896
CARDIOVASCULAR DISEASES RESEARCH	93.837		CYTOCYBERNETICS UNIVERSITY OF TEXAS	N/A		\$53,716
CARDIOVASCULAR DISEASES RESEARCH	93.837		SOUTHWESTERN MEDICAL CENTER AT DALLAS	GMO161105 PO RGC0000000733		\$528,465
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER TRUSTEES OF THE UNIVERSITY	416825		\$375,975
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		OF PENNSYLVANIA UNIVERSITY OF ARIZONA	568082/PO# 3595820 326436		\$56,998 \$9,090
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ARIZONA	328244		\$8,096
CARDIOVASCULAR DISEASES RESEARCH	93.837		ALBERT EINSTEIN COLLEGE OF MEDICINE	311002 PO: P0546667		\$77,086
CARDIOVASCULAR DISEASES RESEARCH	93.837		MEMORIAL HOSPITAL OF RHODE ISLAND	5001191		\$44,253
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		ANGIOGRAFT LLC DUKE UNIVERSITY	NA 203-8299		\$57,604 \$28,066
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	416975G/GR510558		\$4,168
CARDIOVASCULAR DISEASES RESEARCH	93.837		ALBERT EINSTEIN COLLEGE OF MEDICINE	N/A		\$22,903
CARDIOVASCULAR DISEASES RESEARCH	93.837		POLYNOVA CARDIOVASCULAR INCORPORATED	1R41HL134418		\$2,758
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	203-8359		\$59,385
LUNG DISEASES RESEARCH	93.838		CHILDRENS HOSPITAL OF BOSTON REGENTS OF THE UNIVERSITY OF	74159		\$26,108
LUNG DISEASES RESEARCH	93.838		CALIFORNIA	7625sc		\$16,874
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838		SEATTLE CHILDRENS HOSPITAL UNIVERSITY OF ROCHESTER	10997SUB 416986GGR510574		\$3,471 \$59,147
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		BRIGHAM AND WOMENS HOSPITAL	114147		\$67,544
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		CASE WESTERN RESERVE UNIVERSITY	N01HC92558		\$13,937
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		UNIVERSITY OF IOWA CINCINNATI CHILDRENS HOSPITAL	W000848164		\$51,644
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839		MEDICAL CENTER BLOOD CELL TECHNOLOGIES	132981 PO3100342084		-\$80 \$18,138
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.839		TRUSTEES OF BOSTON	1R43HL12954501		\$18,128
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.846		UNIVERSITY GEORGE WASHINGTON	4500001509		\$2,520
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		UNIVERSITY MOUNT SINAI SCHOOL OF	SGRD1516MW21	\$38,147	\$118,939
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		MEDICINE CONNECTICUT CHILDREN'S	025538414605		\$1,514
RESEARCH	93.847		MEDICAL CENTER	1217929610		\$14,748
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1556GQC024		\$70,595
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CONNECTICUT CHILDREN'S MEDICAL CENTER	1317929607		\$127
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			AMERICAN GASTROENTEROLOGICAL			
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		ASSOCIATION	004		\$15,360
RESEARCH	93.847		JOSLIN DIABETES CENTER	N/A		\$86,056
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		JOSLIN DIABETES CENTER	N/A		\$8,780
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		ULTRADIAN DIAGNOSTICS LLC	N/A		\$65,935
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL			*,
RESEARCH	93.847		CENTER AT DALLAS	151111		\$7,056
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		RECENTS OF THE UNIVERSITY OF MICHIGAN	3003573023		\$367

RESEARCI DIABETES RESEARCI EXTRAMU	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL 1	93.847 93.847 93.847 93.847 93.847 93.847 93.847 93.847	Identification	Name NEW YORK UNIVERSITY SCHOOL OF MEDICINE GEORGE WASHINGTON UNIVERSITY SWEDISH HEALTH SERVICES PRESIDENT AND FELLOWS OF HARVARD COLLEGE NORTHEASTERN UNIVERSITY	14A00000248901 2U01DK061230 600100B02 1111845093435	Sub-Recipients	\$1,139 \$14,963 \$40,781
DIABETES RESEARCI DIABETES	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847 93.847 93.847 93.847 93.847		GEORGE WASHINGTON UNIVERSITY SWEDISH HEALTH SERVICES PRESIDENT AND FELLOWS OF HARVARD COLLEGE NORTHEASTERN UNIVERSITY	2U01DK061230 600100B02 1111845093435		\$14,963
DIABETES RESEARCI DIABETES	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL 1	93.847 93.847 93.847 93.847		SWEDISH HEALTH SERVICES PRESIDENT AND FELLOWS OF HARVARD COLLEGE NORTHEASTERN UNIVERSITY	600100B02 1111845093435		
DIABETES RESEARCI EXTRAMU	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847 93.847 93.847		PRESIDENT AND FELLOWS OF HARVARD COLLEGE NORTHEASTERN UNIVERSITY	1111845093435		\$40,781
DIABETES RESEARCI EXTRAMU	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847 93.847 93.847		NORTHEASTERN UNIVERSITY			\$31,780
DIABETES RESEARCI NEUROSC	DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847 93.847			50046678051		\$11,090
RESEARCI DIABETES RESEARCI NEUROSC	H DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL H DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL H DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL H	93.847		UNIVERSITY OF ARIZONA	327244		\$4,852
RESEARCI DIABETES RESEARCI EXTRAMU NEUROSC	H DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL H	93.847		GEORGE WASHINGTON UNIVERSITY	SGRD1617LL21		\$672,907
RESEARCI DIABETES RESEARCI DIABETES RESEARCI DIABETES RESEARCI DIABETES RESEARCI EXTRAMU NEUROSC	H , DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL H			NEW YORK UNIVERSITY SCHOOL OF MEDICINE	14A00000248901		\$63,737
RESEARCI DIABETES RESEARCI DIABETES RESEARCI DIABETES RESEARCI EXTRAMU NEUROSC	1	93.847		UNIVERSITY OF FLORIDA	UFDSP00011363		\$82,167
RESEARCI DIABETES RESEARCI DIABETES RESEARCI EXTRAMU NEUROSC	, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		SWEDISH HEALTH SERVICES	610038B03		\$22,151
RESEARCI DIABETES RESEARCI EXTRAMU NEUROSC		93.847		SALK INSTITUTE FOR BIOLOGICAL STUDIES	P0209012		\$79,807
RESEARCI EXTRAMU NEUROSC		93.847		GEORGE WASHINGTON UNIVERSITY	14D11		\$150,283
NEUROSC		93.847		GEORGE WASHINGTON UNIVERSITY	15D11		\$50
	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF MICHIGAN	3002418981PNT	\$31,200	\$40,096
NEUROSC	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF MICHIGAN	3002348608SHN	\$47,500	\$55,838
NEUROSC	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MEDICINE & DENTISTRY OF NEW JERSEY	99-705		\$10,749
	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		YALE UNIVERSITY	A07593 (M10A10547)		\$16,108
	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	5845sc		\$491
EXTRAMU	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	107759		\$673
EXTRAMU	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		JOHNS HOPKINS UNIVERSITY	2000795137		\$239
EXTRAMU	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		EMMES CORPORATION	NA		\$28,360
EXTRAMU	RAL RESEARCH PROGRAMS IN THE IENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF CALIFORNIA	6881sc		\$8,694
	RAL RESEARCH PROGRAMS IN THE	30.000		BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA	000130		ψ0,034
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		BIRMINGHAM RUSH UNIVERSITY MEDICAL	000377209052		\$2,860
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		CENTER	5R01NS08481704		\$105,689
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		JOHNS HOPKINS UNIVERSITY MASSACHUSETTS GENERAL	2003044882		\$26,542
	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL THE RECTORS & VISITORS OF THE	NN102Y2Q4		\$10,298
	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		UNIVERSITY OF VIRGINIA MASSACHUSETTS GENERAL	GC12107149686		\$37,540
	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL MASSACHUSETTS GENERAL	NN102 SPRINT-MS		\$24,442
	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL MASSACHUSETTS GENERAL	NN102SPRINTSite176		\$14,019
EXTRAMU	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL	NN104		\$131,690
EXTRAMU	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		UNIVERSITY OF MIAMI REGENTS OF THE UNIVERSITY OF	662706		\$1,953
EXTRAMU	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		CALIFORNIA	6873sc		\$805
EXTRAMU	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		MAYO CLINIC JACKSONVILLE	SUN18727601		\$5,682
	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		MONTANA STATE UNIVERSITY UNIVERSITY OF TEXAS	G16016W5076		\$18,141
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		SOUTHWESTERN MEDICAL CENTER AT DALLAS	160109 RGC0000000792		\$79,014
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		UNIVERSITY OF ROCHESTER	416826		\$15,687
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		BAYLOR COLLEGE OF MEDICINE NEW YORK UNIVERSITY SCHOOL	102199134		\$14,336
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		OF MEDICINE	1U54NS08176501		\$937
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		UNIVERSITY OF MINNESOTA MASSACHUSETTS GENERAL	N000936924		\$319
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL MASSACHUSETTS GENERAL	PSGSite223		\$2,228
NEUROSC	IENCES AND NEUROLOGICAL DISORDERS RAL RESEARCH PROGRAMS IN THE	93.853		HOSPITAL COLD SPRING HARBOR	226396 1U01NS09025902		\$4,399
	IENCES AND NEUROLOGICAL DISORDERS AND INFECTIOUS DISEASES RESEARCH	93.853 93.855		LABORATORY UNIVERSITY OF RHODE ISLAND	55970213 PO920971-SV 071420144509		\$37,370 \$71,802
	AND INFECTIOUS DISEASES RESEARCH	93.855		BRIGHAM AND WOMENS HOSPITAL	109925		\$363,412
	AND INFECTIOUS DISEASES RESEARCH	93.855		MAYO CLINIC ROCHESTER MINNESOTA	64006114		\$13
	AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF ROCHESTER	416991		\$45,136
ALLERGY	AND INFECTIOUS DISEASES RESEARCH AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		BRIGHAM AND WOMENS HOSPITAL MONASH UNIVERSITY	110285 R01Al111965		\$211,221 \$21,370
ALLERGY	AND INFECTIOUS DISEASES RESEARCH AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		CODAGENIX INCORPORATED UNIVERSITY OF ROCHESTER	N/A 416461G		\$15,241 \$30,867
	AND INFECTIOUS DISEASES RESEARCH	93.855		JOHNS HOPKINS UNIVERSITY	2002110194		\$384,476
	AND INFECTIOUS DISEASES RESEARCH AND INFECTIOUS DISEASES RESEARCH	93.855 93.855 93.855		AI BIOSCIENCES INCORPORATED HOCUSLOCUS LLC HOCUSLOCUS LLC	n/a 1R41AI115834 R41AI115834		\$7,492 \$10,172 \$164
ALLERGY	AND INFECTIOUS DISEASES RESEARCH				R41AI115834		\$164

MALERY AND DEFECTION DISCRAFE RESEARCH 93.95	Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
ALERCY AND PRECING GREATER SEGMENT ALERCY AND PRECING GREATER SEG	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			D140414003		\$74,743
A JUSTICY AND PRECISION DISEASES SEGRECATION A JUSTIC AND PRECISION DISEASES SEGRECATION A JUSTI					071420144509		
ALERSY WID PRECIDED DISCRESS RESERVOY ALERSY WID PRECIDED DISCRESS RESERVOY 5.005 ALERSY WID PRECIDED STATES RESERVOY 5.005 ALERSY WID PRECIDENT STATES RESERVOY 5.005 ALERSY WID PREC	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			567978		\$41,105
MILEROY AND REPOTLOS DISEASES RESPARCED ALTERDY AND REPOTLOS DISEASES REPOWED AL				INSTITUTE			
ALERCY ADDITIONS OF DEED READ READ SAME RESERVE METTITLE BIT MARTITURE ADDITIONS OF SAME	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		BRIGHAM AND WOMENS HOSPITAL	PEA113237		\$23,455
ALERDY AD INFECTIOUS DIGINASES RESIDENCE ALERDY AD INFECTIOUS D	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		RESEARCH INSTITUTE INC	NIHHTP01Sub1		\$96,378
ALLESTY AND INTERCLOCAL DESCRIPTION SERVICES. ALLESTY AND INTERCLOCAL D	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		INSTITUTE AND FOUNDATION UNIVERSITY OF TEXAS	4671		\$152,908
AL REPOY AND REPOT CHOS DEPOSATS SERVICE ALL REPOT CHOS DEPOSATS SERVICE ALL REPOT AND REPOT CHOS DEPOSATS SE	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855			160504		\$260,885
ALLESTY AND REPORTIONS DISPLACES RESPRICA ALLESTY AND REPORTIONS DISPLACES RESPRICATE BOOKEDOLAL RESPRICATION OF THE ALLEST RESPRICATION ALLESTY AND REPORTIONS DISPLACES RESPRICATE BOOKEDOLAL RESPRICATION OF THE ALLEST RESPRICATION ALLESTY AND REPORTION DISPLACES RESPRICATE BOOKEDOLAL RESPRICATION OF THE ALLEST RESPRICATION BO				JOHNS HOPKINS UNIVERSITY	CRACKLE II		
ALLEROY AND INTECTIOUS DISSASS RESEARCH 1				INCORPORATED UNIVERSITY OF RHODE ISLAND			
ALLERY AND INSTITUTION DISASSES RESIDENCY ALLERY AND INSTITUTION DI				ANDERSON CANCER CENTER			
ALLERY ME NET PLOS DESCRES RESERVOID BEAUTICAL RESERVOID NO RESERVOID BEAUTICAL				ALBERT EINSTEIN COLLEGE OF			
ALLERGY ADD INFECTIOUS DISPARCES REPEARCH ALLERGY AND INFECTIOUS DISPARCES REPEARCH BIOMEDICAL RESPACE AND RESEARCH THARMS DISPARCE AND INFECTIOUS DISPARCES REPEARCH BIOMEDICAL RESPACE AND RESEARCH THARMS DISPARCE AND RESPACE AND RESPACE AND RESEARCH THARMS DISPARCE AND RESPACE AND RESPACE THARMS DISPARCE AND RESP							
ALLERY ADD INSECTIONS DISSASSIS RESEARCH ALLERY ADD INSECTION DISSASSIS RESEARCH BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARCH TRAINING BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARCH TRAINING BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARCH TRAINING BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARCH TRAINING BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARCH TRAINING BOMEDOLA RESEARCH AND RESEARCH TRAINING BOMEDOLA RESEARC				HEALTH RESEARCH INC			
ALLERGY AND INSECTIOUS DISSAISS RESERVANCH ALLERGY AND INSECTIOUS DISSAISS RESERVANCH OSS REALTH RESERVAN IN BOATEDOAL RESERVANCH AND RESERVANCH OURSE BOATEDOAL RESERVANCH TRANSING		93.855			1R43AI13195801		\$27,896
ALLEROY AND MECTORIS DISEASES RESEARCH BIOMEDICAL RESEARCH AND RESEARCH TRANNING 0.959 BIOMEDICAL RESEARCH AND RESEARCH TRA							
ALLEROY AND INFECTIOUS DISEASES RESEARCH BIOMEDICAL RESEARCH TRAINING BIOM	ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HEALTH RESEARCH INC	558301		\$4,385
BOMEDICAL, RESEARCH AND RESEARCH TRAINING 83.89 RIGIST SO THE LUNKERSTY 2971/SST WU1271 51.986 SACRE SAC							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.899 INCHEDIOLAR SERRACH AND RESEARCH TRAINING 93.859 INCHEDIOLAR SERRACH AND RESEARCH TRAINING 93.8				WASHINGTON UNIVERSITY			
BIOMEDICAL RESEARCH AND RESEARCH TANNING 93.899 RUTGERS LUNKERSTY OF SOURISH \$2,000 PM (1997) PM	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		CALIFORNIA	6814817		\$4,479
BIOMEDICAL RESEARCH AND RESEARCH TRAINING \$3.859 RITGERS INVERSITY \$5.861916 \$72.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$7.755 \$1.956 \$1.956 \$7.755 \$1.956 \$1.95	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93 859			0255-6991-4609		\$46 274
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 RECEIVES OF THE UNIVERSITY OF BESSEE AND RESEARCH TRAINING 93.859 HARVARD COLLEGE 15705-5090263 \$149.165 \$30.00000000000000000000000000000000000	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		RUTGERS UNIVERSITY	S2085186		\$2,065
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 HARDWARD COLLEGE 167905 5000626 3149.165	BIOMEDICAL RESEARCH AND RESEARCH TRAINING			REGENTS OF THE UNIVERSITY OF			\$70,278
BIOMEDICAL RESPANCH AND RESPANCH TRAINING	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			3003364929		\$77,103
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 38.899 TEAS AND AGRILLER RESEARCH 65 (19698) 510-014	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HARVARD COLLEGE	167905 5080626		\$149,165
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DECO STATE UNIVERSITY SANDOUS-98 \$3.87.13 \$10.657.27 \$10.652.27 \$1.05							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 39.859							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 33.859 SYRACUSE UNIVERSITY C FRORGIA RT169823000733 \$5.9.928 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 33.859 UNIVERSITY OF NORTH CARDUNA 510.940 \$17.931 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF NORTH CARDUNA 510.940 \$17.931 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF NORTH CARDUNA 510.940 \$17.8121 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 BROWN UNIVERSITY 0.000507353001 \$17.8121 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 BROWN UNIVERSITY 0.0000943 \$17.8121 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 WILLIAM MARSH RICE UNIVERSITY 0.0000943 \$17.8121 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF ALABAMA 0.00507353001 \$24.476 \$1.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 OCCIDENTAL COLLEGE 0.007000001 \$1.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 OCCIDENTAL COLLEGE 0.007000001 \$1.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY \$4.000048 \$11.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY \$4.000048 \$11.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY \$4.000048 \$11.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY \$4.000048 \$11.023 SAN DIEGO STATE UNIVERSITY \$4.000048 \$1.023 SAN DIEGO STATE UNIVERSITY \$4.000048 SAN DIEGO STATE UNIVERSIT							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF NORTH CAROLINA 5102940 \$17.9818 17.9818							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF ALABAMA WORDERSTAND S178.159 WORDERSTAND WORDERSTAN							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 ROWN UNIVERSITY 00000943 \$173.1275				UNIVERSITY OF ALABAMA			
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 WILLIAM MARSH RICE UNIVERSITY R22773 S99.189 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF ALABMA 000507353001 \$24.476 S1.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 OCIDENTAL COLLEGE OXY000001 \$1.023 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGG STATE UNIVERSITY SA000498 \$110.394 S110.394 S1.023 S	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			1621094000		\$178,121
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 UNIVERSITY OF PALABAMA 005073530011 \$24,476 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY SA0000488 \$110.394 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY SA0000488 \$110.394 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 CH3 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY SA0000488 \$19.944 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY SA0000488 \$19.944 S49.944 S49.94							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 SAN DIEGO STATE UNIVERSITY SA0000498 \$110.394	BIOMEDICAL RESEARCH AND RESEARCH TRAINING						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 TEXAS A&M AGRILIFE RESEARCH 06S170614 \$38,509 \$38,509 \$15,000 \$38,509 \$15,000 \$28,000 \$38,509 \$15,000 \$38,509 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000 \$15,000 \$38,509 \$15,000							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 33.859 SHASQI INCORPORATED Exhibita1 S31,945 SIA,945							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 HEALTH RESEARCH INC 15041002 \$4.488 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 HEALTH RESEARCH INC 15041102 \$4.148 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 HEALTH RESEARCH INC 568021 \$4.749 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH INC 1504102 \$4.148 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH INC 1504102 \$4.148 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH INC 150820 \$4.148 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 415741-G \$97.439 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 JOHNS HOPKINS UNIVERSITY 200286914 \$91.293 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 JOHNS HOPKINS UNIVERSITY 200266914 \$19.293 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF GEORGIA RR3764165000740 \$19.400 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF GEORGIA RR3764165000740 \$19.400 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF GEORGIA RR3764165000740 \$19.400 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361.523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH040 \$9.029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH							
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 HEALTH RESEARCH INC 56901 \$4,749	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HEALTH RESEARCH INC	15041002		\$9,498
BIOMEDICAL RESEARCH AND RESEARCH TRAINING CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH (CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMU							
RESEARCH 93.865 JOHNS HOPKINS UNIVERSITY 2002894170 \$84,880 \$261,063 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER BOARD OF REGENTS OF THE BOARD OF T							
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH Q13.865 Q10 MINVERSITY OF OKLAHOMA RESEARCH Q13.865 Q10 MINVERSITY OF GEORGIA RESEARCH Q14.000 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH RESEARCH Q15.865 Q10 MINVERSITY Q100066914 Q16.000 Q17.000 Q18.000 Q10.000 Q10.000 Q10.000 Q10.000 Q10.000 Q10.000 Q10.000 Q18.000 Q18.00	RESEARCH	93.865		JOHNS HOPKINS UNIVERSITY	2002894170	\$84,880	\$261,063
RESEARCH 93.865 HEALTH SCIENCES CENTER RS2013076901 \$2,000 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 JOHNS HOPKINS UNIVERSITY 2002066914 \$19,293 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF GEORGIA RR376416S000740 \$19,400 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361,523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361,523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY IN4689814UB \$2,330 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GFROCHESTER 416868 \$97,912		93.865		BOARD OF REGENTS OF THE	415741-G		\$97,439
RESEARCH 93.865 JOHNS HOPKINS UNIVERSITY 2002066914 \$19,293 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF GEORGIA RR376416S000740 \$19,400 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361,523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361,523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY N/A \$2,330 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 HARVARD UNIVERSITY N/A \$72,454 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GROUPSTITY G015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GROUPSTITY G015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GROUPSTITY G015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GROUPSTITY G015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GROUPSTITY G015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	RESEARCH	93.865			RS2013076901		\$2,000
RESEARCH 93.865 UNIVERSITY OF GEORGIA ORGON HEALTH & SCIENCE UNIVERSITY OF GEORGIA ORGON HEALTH & SCIENCE UNIVERSITY 1005923RFSUNY \$361,523 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1005923RFSUNY 1005923RFSUNY \$361,523 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY 1N4689814UB \$2,330 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GO015417510 \$18,578 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY GO015417510 \$18,578 OCHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868 \$97,912	RESEARCH	93.865		JOHNS HOPKINS UNIVERSITY	2002066914		\$19,293
RESEARCH 93.865 UNIVERSITY 1005923RFSUNY \$361,523 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY IN4689814UB \$2,330 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 HARVARD UNIVERSITY N/A \$72,454 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868 \$97,912	RESEARCH	93.865			RR376416S000740		\$19,400
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY RESEARCH 93.865 PARVARD UNIVERSITY N/A RESEARCH RESEARCH 93.865 NEW YORK BLOOD CENTER RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH PARVARD UNIVERSITY N/A RESEARCH 93.865 NEW YORK BLOOD CENTER 30.46015 S41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH PARVARD UNIVERSITY RESEARCH 93.865 NEW YORK BLOOD CENTER 30.46015 S41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868		93.865			1005923RFSUNY		\$361.523
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST UNIVERSITY SOUTHERN METHODIST CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH SOUTHERN METHODIST UNIVERSITY SOUTHERN METHODIST SOUTHERN METHODIST UNIVERSITY SOUTHERN METHODIST SOUTHERN METHODIS	CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL			TRUSTEES OF INDIANA			
RESEARCH 93.865 NEW YORK BLOOD CENTER 3046015 \$41,121 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 SOUTHERN METHODIST G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868 \$97,912				HARVARD UNIVERSITY	N/A		
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 TUFTS UNIVERSITY HH4040 \$9,029 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY G0015417510 \$18,578 CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868 \$97,912		93.865		NEW YORK BLOOD CENTER	3046015		\$41,121
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH RE	CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH 93.865 UNIVERSITY OF ROCHESTER 416868 \$97,912	CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL			SOUTHERN METHODIST			
CHILD HEALTH AND HIMAN DEVELOPMENT EYTRAMIDAL	CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH 93.865 /9 HARVARD UNIVERSITY 11420512765096812 \$636,468		93.865			416868		\$97,912
		93.865		19 HARVARD UNIVERSITY	11420512765096812		\$636,468

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL			MEDICAL UNIVERSITY OF SOUTH			•
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		CAROLINA REGENTS OF THE UNIVERSITY OF	MUSC16D618B465		\$24,949
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		CALIFORNIA PENNSYLVANIA STATE	0845GUA171		\$24,732
RESEARCH	93.865		UNIVERSITY	SUNYHD038992		\$20,544
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		NEW YORK BLOOD CENTER	3047702		\$56,093
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		NEW YORK BLOOD CENTER	3047913		\$34,277
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL						
RESEARCH AGING RESEARCH	93.865 93.866		CHILDRENS RESEARCH INSTITUTE NYS OFFICE FOR THE AGING BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	30003703-01 C150040		\$22,785 \$1,004,841
AGING RESEARCH AGING RESEARCH AGING RESEARCH	93.866 93.866 93.866		SYSTEM UNIVERSITY OF ALABAMA COLUMBIA UNIVERSITY	269K964 UA12061 1GG01177901 PO:G11372		\$6,169 \$210,550 \$27,935
AGING RESEARCH AGING RESEARCH	93.866 93.866		NATIONAL BUREAU OF ECONOMIC RESEARCH INCORPORATED UNIVERSITY OF ROCHESTER	334051SUNY 416472G		\$4,143 \$46,497
AGING RESEARCH	93.866		TRUSTEES OF PRINCETON UNIVERSITY	SUB0000070		\$3,497
AGING RESEARCH	93.866		TRUSTEES OF PRINCETON UNIVERSITY TRUSTEES OF COLUMBIA	SUB0000097		\$11,038
AGING RESEARCH	93.866		UNIVERSITY IN THE CITY OF NEW YORK	3GG012126		\$58,358
AGING RESEARCH	93.866		RENSSELAER POLYTECHNIC INSTITUTE	A12193		\$34,362
			OREGON HEALTH & SCIENCE			
AGING RESEARCH AGING RESEARCH	93.866 93.866		UNIVERSITY UNIVERSITY OF MICHIGAN TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	9008468SB 3004154934		\$114,635 \$5,302
AGING RESEARCH	93.866		YORK	3GG01212601		\$129,679
AGING RESEARCH	93.866		NATIONAL BUREAU OF ECONOMIC RESEARCH INCORPORATED	334051SUNY		\$8,393
AGING RESEARCH	93.866		UNIVERSITY OF CALIFORNIA AT SAN DIEGO	79787001		\$102,813
AGING RESEARCH	93.866		PENNSYLVANIA STATE UNIVERSITY	5486SBUNIHNIH2167		\$32,594
			JAEB CENTER FOR HEALTH			
VISION RESEARCH	93.867		RESEARCH INCORPORATED CHILDREN'S HOSPITAL OF	U10EY11751		\$390
VISION RESEARCH	93.867		PHILADELPHIA MEDICAL UNIVERSITY OF SOUTH	3209850815		-\$194
VISION RESEARCH	93.867		CAROLINA	MUSC14002		-\$296
VISION RESEARCH	93.867		REGENTS OF THE UNIVERSITY OF MINNESOTA	A003838501 44313		\$18,658
VISION RESEARCH VISION RESEARCH	93.867 93.867		UNIVERSITY OF CHICAGO SYRACUSE UNIVERSITY	FP044673 28512-04278-S01		\$45,547 \$2,500
VISION RESEARCH	93.867		SALUS UNIVERSITY	877032016SUNY		\$12,188
VISION RESEARCH	93.867		MASSACHUSETTS EYE AND EAR INFIRMARY	200000000032919		\$28,296
VISION RESEARCH	93.867		UNIVERSITY OF ARIZONA UNIVERSITY OF NORTH CAROLINA	2R01EY00953224		\$28,188
VISION RESEARCH	93.867		AT CHAPEL HILL	5107166		\$20,106
MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE MEDICAL LIBRARY ASSISTANCE	93.879 93.879 93.879		UNIVERSITY OF PITTSBURGH RUTGERS UNIVERSITY UNIVERSITY OF ILLINOIS AT CHICAGO	005025612731637 P0708945 P0752659 16023		\$4,999 \$25,258 \$11,831
MEDICAL LIBRARY ASSISTANCE	93.879		RUTGERS UNIVERSITY	8297 PO457849		\$121,059
GRANTS FOR PRIMARY CARE TRAINING AND ENHANCEMENT	93.884		PRESIDENT AND FELLOWS OF HARVARD COLLEGE	1582695103415003		\$27,552
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	06SCF364 10MCM364		-\$12 -\$16,220
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914		PUBLIC HEALTH SOLUTIONS	11ESP364		-\$9,292
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		UNITED WAY OF LONG ISLAND UNITED WAY OF LONG ISLAND	15724 15725		\$681 -\$163
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		PUBLIC HEALTH SOLUTIONS PUBLIC HEALTH SOLUTIONS	15SCG364 11ESP364		\$181,328 \$20,743
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914		PUBLIC HEALTH SOLUTIONS	10MCM364		\$459,770
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		UNITED WAY OF LONG ISLAND UNITED WAY OF LONG ISLAND	16725 16724		\$124,668 \$105,554
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		UNITED WAY OF LONG ISLAND SOUTHAMPTON HOSPITAL	16-9800 NA		\$2,500 \$14,649
HIV EMERGENCY RELIEF PROJECT GRANTS	93.914		UNITED WAY OF LONG ISLAND	17725		\$47,300
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		UNITED WAY OF LONG ISLAND PUBLIC HEALTH SOLUTIONS	17724 10MCM364		\$39,187 \$243,251
HIV EMERGENCY RELIEF PROJECT GRANTS HIV EMERGENCY RELIEF PROJECT GRANTS	93.914 93.914		PUBLIC HEALTH SOLUTIONS SOUTHAMPTON HOSPITAL	15SCG364 NA		\$97,904 \$23
HIV CARE FORMULA GRANTS	93.917		HEALTH RESEARCH INC	5090-01		\$0
HIV CARE FORMULA GRANTS HIV CARE FORMULA GRANTS	93.917 93.917		HEALTH RESEARCH INC HEALTH RESEARCH INC	4898-02 15-3357-25 4898-03		-\$13,096 \$117,646
HIV CARE FORMULA GRANTS HIV CARE FORMULA GRANTS	93.917 93.917		HEALTH RESEARCH INC HEALTH RESEARCH INC	5090-02 489804		\$104,469 \$31,959
HIV CARE FORMULA GRANTS GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION SERVICES WITH RESPECT TO HIV DISEASE	93.917		HEALTH RESEARCH INC ERIE COUNTY MEDICAL CENTER	5090-03 NA		\$30,101 \$850
HIV PREVENTION ACTIVITIES, HEALTH DEPARTMENT BASED ASSISTANCE PROGRAMS FOR CHRONIC DISEASE PREVENTIO AND CONTROL	93.940		HEALTH RESEARCH INC	527201 N/A		\$20,301 \$19,743
TRAUMA CARE SYSTEMS PLANNING AND DEVELOPMENT	93.952		UNIVERSITY OF ROCHESTER CLINTON COUNTY OFFICE FOR THE AGING	416406 N/A		\$35,686 \$1,348
	93.969			1 1// 1		Ψ1,040
PPHF GERIATRIC EDUCATION CENTERS	93.969		CLINTON COUNTY OFFICE FOR	21/2		
PPHF GERIATRIC EDUCATION CENTERS PPHF GERIATRIC EDUCATION CENTERS PPHF GERIATRIC EDUCATION CENTERS	93.969 93.969 93.969			N/A N/A		\$24,636 \$6,069
PPHF GERIATRIC EDUCATION CENTERS PPHF GERIATRIC EDUCATION CENTERS	93.969		CLINTON COUNTY OFFICE FOR THE AGING CLINTON COUNTY OFFICE FOR			\$24,636

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C027551		\$38,412
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C022457A		\$54,610
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C022474		\$38,480
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C022474		\$43,024
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C022457A		\$52,147
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C027551		\$47,352
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		STATE UNIVERSITY OF NEW YORK	n/a		\$343,801
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C026816	\$102,260	\$276,044
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C026816	\$218,448	\$298,432
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES	93.994		NYS DEPARTMENT OF HEALTH	C026997	φ210,440	\$144,273
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO THE STATES			NYS DEPARTMENT OF HEALTH	C030520		\$43,636
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994					
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C030520		\$51,212
THE STATES TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES PASS	93.994		NYS DEPARTMENT OF HEALTH	DOH01-C32134GG-3450000		\$161,677
THROUGH PROGRAMS TOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES					\$3,159,053 \$26,216,387	\$76,736,932 \$267,260,333
CORPORATION FOR NATIONAL AND COMMUNITY SERVICE CORPORATION FOR NATIONAL AND COMMUNITY SERVICE DIRECT PROGRAMS						
RETIRED AND SENIOR VOLUNTEER PROGRAM RETIRED AND SENIOR VOLUNTEER PROGRAM	94.002 94.002					\$42,241 \$20,700
TOTAL CORPORATION FOR NATIONAL AND COMMUNITY SERVICE					_	\$62,941
SOCIAL SECURITY ADMINISTRATION						
SOCIAL SECURITY ADMINISTRATION PASS THROUGH PROGRAMS	;		NYS OFFICE OF CHILDREN AND			
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005179		\$136,270
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		FAMILY SERVICES NYS OFFICE OF TEMPORARY &	C005185		\$1,285
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	TBD		\$32,326
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		FAMILY SERVICES	N/A		\$135,338
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A		\$1,378
SOCIAL SECURITY_DISABILITY INSURANCE SOCIAL SECURITY_RESEARCH AND DEMONSTRATION	96.001 96.007		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE BOSTON COLLEGE	TBD 5002099S6		\$17,324 \$19,829
SOCIAL SECURITY_RESEARCH AND DEMONSTRATION TOTAL SOCIAL SECURITY ADMINISTRATION	96.007		REGENTS OF THE UNIVERSITY OF MICHIGAN	3003892211UM16-07	_	\$20,169 \$363,919
DEPARTMENT OF HOMELAND SECURITY DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS PORT SECURITY GRANT PROGRAM TOTAL DEPARTMENT OF HOMELAND SECURITY DIRECT PROGRAMS DEPARTMENT OF HOMELAND SECURITY PASS THROUGH	97.056				_	\$778 \$778
PROGRAMS			NYS DIVISION OF HOMELAND			
HAZARD MITIGATION GRANT PRE-DISASTER MITIGATION	97.039 97.047		SECURITY AND EMERGENCY MANAGEMENT SERVICES UNIVERSITY OF IDAHO	c000712 40850009 IBK718-SB-001 PO#P0047952		\$15,939,927 \$56,977
PRE-DISASTER MITIGATION	97.047		UNIVERSITY OF IDAHO	IBK-055-SB-001/P0050620		\$82,575
CENTERS FOR HOMELAND SECURITY	97.061		UNIVERSITY OF MARYLAND UNIVERSITY OF SOUTHERN	Z901212		\$203,864
CENTERS FOR HOMELAND SECURITY	97.061		CALIFORNIA BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	66145670		\$6,238
CENTERS FOR HOMELAND SECURITY	97.061		SYSTEM BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	641K476		\$555
CENTERS FOR HOMELAND SECURITY	97.061		SYSTEM UNIVERSITY OF ILLINOIS URBANA	640K603		\$664
CENTERS FOR HOMELAND SECURITY TOTAL DEPARTMENT OF HOMELAND SECURITY PASS THROUGH PROGRAMS	97.061		CHAMPAIGN	077083-16370	_	\$45,207 \$16,336,007
TOTAL DEPARTMENT OF HOMELAND SECURITY					_	\$16,336,785
U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT DIRECT PROGRAMS						
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT DIRECT PROGRAMS U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT PASS	98.000 98.001 98.001 98.001				\$24,760 \$103,556 \$1,700,440 \$1,828,756	\$47,613 \$1,894,172 \$1,714,152 \$10,175,534 \$13,831,471
THROUGH PROGRAMS			INNOVATIONS FOR POVERTY			
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.000 98.001		ACTION TETRA TECH INCORPORATED CROWN AGENTS USA	NA SUNY 1072 1601		\$42,753 \$41,858
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		INCORPORATED RESEARCH FOUNDATION OF CITY	ZIMSUNY2017		\$10,757
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS	98.001		8 WNIVERSITY OF NEW YORK	CM0000002200		\$12,664

Federal Grantor/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Amount Passed Through to Sub-Recipients	Federal Expenditures
TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT PASS THROUGH PROGRAMS TOTAL U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT					\$1,828,756	\$108,032 \$13,939,503
TOTAL EXPENDITURE OF FEDERAL AWARDS					\$68,010,628	\$535,473,250

	Federal	Additional	Pass-Through	Pass-Through	Amount Passed	
	CFDA	Award	Entity	Entity	Through to	Federal
Federal Grantor/Program Title	Number	Identification	Name	Identifying Number	Sub-Recipients	Expenditures

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
CCDF CLUSTER PROGRAMS					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$119,368
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	C027768	\$11,886
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$96,275
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C002742/MOU2004	\$599,757
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C002742/MOU2004	\$1,341,082
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005065	-\$4,067
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575		FAMILY SERVICES STONY BROOK UNIVERSITY	C023001 C001998	\$81 \$6,268
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179	\$73,285
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005183	\$31,251
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005184	\$298,160
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005187	\$8,204
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005188	\$2,138
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005178	\$17,338
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005186	\$3,991,488
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005189	\$285,309
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185	\$165,614
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005182	\$10,239
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005180	\$25,396
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$605
			NYS OFFICE OF CHILDREN AND		
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$38,831
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$53,454
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$6,705
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$4,099,280
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$57,883
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$7,089
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$21,382
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$598,626
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$566,171
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$1,708
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$278,480
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575 93.575		FAMILY SERVICES STONY BROOK UNIVERSITY	N/A NA	\$178,738 \$5,141
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A	\$178,925
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$25,058
CHILD CARE AND DEVELOPMENT BLOCK GRANT	93.575		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$40,405
CHILD CARE AND DEVELOPMENT BLOCK GRANT CHILD CARE MANDATORY AND MATCHING FUNDS OF THE CHILD	93.575		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA	\$808
CARE AND DEVELOPMENT FUND TOTAL CCDF CLUSTER PROGRAMS	93.596		FAMILY SERVICES	C26760	\$19 \$13,238,380
CDBG - DISASTER RECOVERY GRANTS - PUB. L. NO. 113-2					
CLUSTER PROGRAMS HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT			HOUSING TRUST FUND		
DISASTER RECOVERY GRANTS (CDBG-DR) TOTAL CDBG - DISASTER RECOVERY GRANTS - PUB. L. NO. 113-2	14.269		CORPORATION	1297DR113	\$449,481
CLUSTER PROGRAMS					\$449,481
CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT					***
GRANTS COMMUNITY DEVELOPMENT BLOCK GRANTS/ENTITLEMENT	14.218		CITY OF YONKERS	412015	\$24,324
GRANTS TOTAL CDBG - ENTITLEMENT GRANTS CLUSTER PROGRAMS	14.218		CITY OF YONKERS	422016	\$75,699 \$100,023
CHILD NUTRITION CLUSTER PROGRAMS SUMMER FOOD SERVICE PROGRAM FOR CHILDREN TOTAL CHILD NUTRITION CLUSTER PROGRAMS	10.559		NYS EDUCATION DEPARTMENT	140600630248	\$31,477 \$31,477
DISABILITY INSURANCE/SSI CLUSTER PROGRAMS			NIVO OFFICE OF OUR		
SOCIAL SECURITY_DISABILITY INSURANCE	96.001	84	NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179	\$136,270

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185	\$1,285
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	TBD	\$32,326
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A	\$135,338
SOCIAL SECURITY_DISABILITY INSURANCE	96.001		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A	\$1,378
SOCIAL SECURITY_DISABILITY INSURANCE TOTAL DISABILITY INSURANCE/SSI CLUSTER PROGRAMS	96.001		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	TBD	\$17,324 \$323,921
HIGHWAY PLANNING AND CONSTRUCTION CLUSTER PROGRAMS					
HIGHWAY PLANNING AND CONSTRUCTION TOTAL HIGHWAY PLANNING AND CONSTRUCTION CLUSTER PROGRAMS	20.205		NYS DEPARTMENT OF TRANSPORTATION	160083M	\$12,972 \$12,972
HIGHWAY SAFETY CLUSTER PROGRAMS					
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002203	\$119,494
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002206	\$83,834
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002200	\$203,528
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002205	\$113,654
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002280	\$209,419
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002301	\$651,653
STATE AND COMMUNITY HIGHWAY SAFETY	20.600		NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	C002300	\$324,103
STATE AND COMMUNITY HIGHWAY SAFETY			NATIONAL ASSOCIATION OF EMS		
NATIONAL PRIORITY SAFETY PROGRAMS	20.600		PHYSICIANS NYS GOVERNORS TRAFFIC SAFETY COMMITTEE	N/A C002281	\$21,873
TOTAL HIGHWAY SAFETY CLUSTER PROGRAMS	20.616		SAFETY COMMITTEE	C002281	\$231,732 \$1,959,290
MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING CLUSTER PROGRAMS AFFORDABLE CARE ACT (ACA) MATERNAL, INFANT, AND EARLY CHILDHOOD HOME VISITING PROGRAM TOTAL MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING CLUSTER PROGRAMS MEDICAID CLUSTER PROGRAMS	93.505		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005280	\$27,246 \$27,246
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C26760	\$274
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$739
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179	\$75,094
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185	\$26,491
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$5,415
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$56,335
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A	\$71,538
MEDICAL ASSISTANCE PROGRAM	93.778		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	N/A	\$25,403
			NYS OFFICE OF CHILDREN AND	TBD	
MEDICAL ASSISTANCE PROGRAM TOTAL MEDICAID CLUSTER PROGRAMS	93.778		FAMILY SERVICES	IBU	\$40,120 \$301,409
RESEARCH AND DEVELOPMENT PROGRAMS DEPARTMENT OF AGRICULTURE DEPARTMENT OF AGRICULTURE DEPARTMENT OF AGRICULTURE	10.000 10.000 10.000		OREGON DEPARTMENT OF		\$12,674 \$7,659 \$32,938
DEPARTMENT OF AGRICULTURE	10.000		FORESTRY CHRISTMAS TREE FARMERS	N/A	\$22,910
DEPARTMENT OF AGRICULTURE AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH AGRICULTURAL RESEARCH BASIC AND APPLIED RESEARCH PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.000 10.001 10.001		ASSOCIATION OF NEW YORK	N/A	\$11,419 \$155 \$1,326
CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025				\$91,092
CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025				\$21,714
CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025				\$10,609
CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025		REGENTS OF THE UNIVERSITY OF		\$3,111
CARE PLANT AND ANIMAL DISEASE, PEST CONTROL, AND ANIMAL	10.025		CALIFORNIA RIVERSIDE REGENTS OF THE UNIVERSITY OF	S000766	\$29,309
CARE GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.025		CALIFORNIA RIVERSIDE	S000857	\$11,535
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.200		UNIVERSITY OF MARYLAND	2555103	\$83,914
GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH GRANTS FOR AGRICULTURAL RESEARCH, SPECIAL RESEARCH	10.200				\$8,538
GRANTS COOPERATIVE FORESTRY RESEARCH COOPERATIVE FORESTRY RESEARCH	10.200 10.202 10.202	85	RUTGERS UNIVERSITY	5958 NER16B Powell PO421247	\$5,893 \$467,750 \$36,051

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
COOPERATIVE FORESTRY RESEARCH	10.202			, ,	\$375,985
COOPERATIVE FORESTRY RESEARCH	10.202		CLICTOM EL ECTRONICO		\$800
SMALL BUSINESS INNOVATION RESEARCH	10.212		CUSTOM ELECTRONICS INCORPORATED	P000026061	\$12,412
			CUSTOM ELECTRONICS		
SMALL BUSINESS INNOVATION RESEARCH	10.212		INCORPORATED	P000026062	\$10,295
1890 INSTITUTION CAPACITY BUILDING GRANTS HIGHER EDUCATION - INSTITUTION CHALLENGE GRANTS	10.216		FORT VALLEY STATE UNIVERSITY	2013CANFVSU13008	\$21,360
PROGRAM	10.217				\$51,637
BIOTECHNOLOGY RISK ASSESSMENT RESEARCH AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.219 10.310				\$4,170 \$187,016
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				\$299,573
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				\$550,777
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310				\$10,204
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310				\$146,002 \$31,567
7.6.1.6.62.7.6.1.2.7.1.3.1.6.62.7.1.6.1.11.11.11.11.2.(4.1.1.1)	10.010		CONNECTICUT AGRICULTURAL		φ01,001
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		EXPERIMENT STATION PENNSYLVANIA STATE	CAESAC201103	\$21,787
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI) AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310 10.310		UNIVERSITY CORNELL UNIVERSITY	4716SUNYUSDA9703 70695-10242	\$141,070 \$32,060
AGRICULTURE AND FOOD RESEARCH INITIATIVE (AFRI)	10.310		PURDUE UNIVERSITY	8000067013-AG	\$8,761
BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE					· ·
COMPETITIVE GRANTS PROGRAM (BRDI) BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE	10.312				\$7,771
COMPETITIVE GRANTS PROGRAM (BRDI) BIOMASS RESEARCH AND DEVELOPMENT INITIATIVE	10.312				\$43,673
COMPETITIVE GRANTS PROGRAM (BRDI)	10.312		DREXEL UNIVERSITY	211030 - PO U0047638	\$1,990
FOOD INSECURITY NUTRITION INCENTIVE GRANTS PROGRAM FORESTRY RESEARCH	10.331 10.652		FIELD AND FORK NETWORK	20167002525248	\$2,292 \$61,027
FORESTRY RESEARCH	10.652				\$61,027 \$168,495
FORESTRY RESEARCH	10.652				\$30,710
FORESTRY RESEARCH	10.652				\$22,608
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652				\$98,900 \$14,776
FORESTRY RESEARCH	10.652				\$52,296
FORESTRY RESEARCH	10.652				\$11,629
FORESTRY RESEARCH FORESTRY RESEARCH	10.652 10.652				\$1,710 \$66,997
FORESTRY RESEARCH	10.652				\$10,291
FORESTRY RESEARCH	10.652		WATERSHED AGRICULTURAL COUNCIL	442	000 504
FORESTRY RESEARCH	10.652		UNITED STATES ENDOWMENT	442	\$66,561
FORESTRY RESEARCH	10.652		FOR FORESTRY AND COMMUNITIES INCORPORATED	E16-67	\$8,205
TORESTRINESEARCH	10.002		NYS DEPARTMENT OF	210 07	ψ0,200
COOPERATIVE FORESTRY ASSISTANCE	10.664		ENVIRONMENTAL CONSERVATION	AM09871	\$106,713
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		CONCERTATION	711100071	\$68,470
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675				\$13,681
URBAN AND COMMUNITY FORESTRY PROGRAN URBAN AND COMMUNITY FORESTRY PROGRAN	10.675 10.675				\$30,678 \$10,057
OND WAYNED COMMONTH FOR ECTIVITY ROCKS W	10.070		NYS DEPARTMENT OF		ψ10,001
LIBBANI AND COMMUNITY FOR FOTON DROOP AN			ENVIRONMENTAL		
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		CONSERVATION NYS DEPARTMENT OF	AMO8410	\$20,087
			ENVIRONMENTAL		
URBAN AND COMMUNITY FORESTRY PROGRAM	10.675		CONSERVATION	AM10293	\$57,810
PARTNERSHIP AGREEMENTS	10.699		HOBART AND WILLIAM SMITH COLLEGES	16CS11002000017Progkport	\$9,785
SOIL AND WATER CONSERVATION	10.999		COLLEGES	16CS11092000017Brockport	\$9,765 \$173
SOIL AND WATER CONSERVATION	10.902				\$59,089
SOIL AND WATER CONSERVATION	10.902		NATURE CONCERVANCY	011NV/11D0/M/EE - 1 04744	\$15,237
DEPARTMENT OF COMMERCE DEPARTMENT OF COMMERCE	11.000 11.000		NATURE CONSERVANCY NATURE CONSERVANCY	SUNYUBCWFFstudy91714 SUNYUBCWFSCstudy61815	\$10,918 \$2,238
			GREAT LAKES OBSERVING	·	
INTEGRATED OCEAN OBSERVING SYSTEM (IOOS) ECONOMIC ADJUSTMENT ASSISTANCE	11.012 11.307		SYSTEM	IOOS/NBN-04	\$20,057 \$139,503
ECONOMIC ADJUSTMENT ASSISTANCE	11.307				\$1,543
SEA GRANT SUPPORT	11.417		LININ/EDOITY OF OAL TOOMS		\$2,996,011
SEA GRANT SUPPORT	11.417		UNIVERSITY OF CALIFORNIA AT SAN DIEGO	S9000619	\$2,250
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	29092	\$2,250 \$882
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	28930 SUNY Platts	\$394
SEA GRANT SUPPORT	11.417		UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	20140234209 Grant Code AA188	\$16,379
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	28155SUBSUNY	\$67,385
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	28155 SUNY Garneau	\$28,260
SEA GRANT SUPPORT SEA GRANT SUPPORT	11.417 11.417		UNIVERSITY OF VERMONT LOYOLA UNIVERSITY CHICAGC	28155 SUNY Leibensperger 516460Fredonia	\$9,229 \$8,154
SEA GRANT SUPPORT	11.417		UNIVERSITY OF VERMONT	N/A	\$56,621
FISHERIES DEVELOPMENT AND UTILIZATION RESEARCH AND DEVELOPMENT GRANTS AND COOPERATIVE AGREEMENTS					
PROGRAM	11.427				\$155,470
CLIMATE AND ATMOSPHERIC RESEARCH	11.431				\$75,910
CLIMATE AND ATMOSPHERIC RESEARCH	11.431				\$73,027
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431				\$52,571 \$22,340
CLIMATE AND ATMOSPHERIC RESEARCH	11.431				\$80,108
CLIMATE AND ATMOSPHERIC RESEARCH	11.431				\$29,539
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431 11.431				\$98,668 \$33,583
CLIMATE AND ATMOSPHERIC RESEARCH CLIMATE AND ATMOSPHERIC RESEARCH	11.431		UNIVERSITY OF HAWAII	Z10129407	\$33,583 \$9,830
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION					
(NOAA) COOPERATIVE INSTITUTES NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION	11.432	86	UNIVERSITY OF MICHIGAN	3002475301	\$72,132
(NOAA) COOPERATIVE INSTITUTES	11.432	23	UNIVERSITY OF MICHIGAN	3003218264	\$49,524

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) COOPERATIVE INSTITUTES	11.432		UNIVERSITY OF MIAMI	AD23932 S17-19/ PO# AD23932	\$80,987
ENVIRONMENTAL SCIENCES, APPLICATIONS, DATA, AND EDUCATION	11.440		ATLANTIC STATES MARINE		\$20,644
REGIONAL FISHERY MANAGEMENT COUNCILS METEOROLOGIC AND HYDROLOGIC MODERNIZATION	11.441		FISHERIES COMMISSION UNIVERSITY CORPORATION FOR	160404	\$44,897
DEVELOPMENT APPLIED METEOROLOGICAL RESEARCH	11.467 11.468		ATMOSPHERIC RESEARCH	Z1520543	\$9,084 \$184,150
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468				\$109,760 \$76,984
APPLIED METEOROLOGICAL RESEARCH	11.468				\$120,103
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468				\$169,720 \$103,810
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468				\$102,819 \$106,026
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468				\$50,669 \$47,891
APPLIED METEOROLOGICAL RESEARCH	11.468				\$10,256
APPLIED METEOROLOGICAL RESEARCH APPLIED METEOROLOGICAL RESEARCH	11.468 11.468		UNIVERSITY OF MARYLAND UNIVERSITY OF WISCONSIN MILWAUKEE	NA15NWS4680011	\$17,172 \$12,441
			GLOBAL SCIENCE AND	173405025AAB5883	\$13,441
CONGRESSIONALLY IDENTIFIED AWARDS AND PROJECTS UNALLIED SCIENCE PROGRAM	11.469 11.472		TECHNOLOGY INCORPORATED NORTH PACIFIC RESEARCH	SA15SUNY01	\$58,234 \$51,724
UNALLIED SCIENCE PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.472		BOARD	1501A	\$133,985
RESEARCH_COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.478				\$17,858
RESEARCH_COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.478				\$12,070
RESEARCH_COASTAL OCEAN PROGRAM CENTER FOR SPONSORED COASTAL OCEAN	11.478				\$15,132
RESEARCH_COASTAL OCEAN PROGRAM EDUCATIONAL PARTNERSHIP PROGRAM	11.478		UNIVERSITY OF TENNESSEE	A120074S001	\$19,923
EDUCATIONAL PARTNERSHIP PROGRAM EDUCATIONAL PARTNERSHIP PROGRAM	11.481 11.481		HOWARD UNIVERSITY HOWARD UNIVERSITY	00081311000047290 00087561000058771	-\$250 \$48,587
EDUCATIONAL PARTNERSHIP PROGRAM NOAA PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT	11.481		HOWARD UNIVERSITY	00089711000067101	\$9,233
- NON-CONSTRUCTION AND CONSTRUCTION MEASUREMENT AND ENGINEERING RESEARCH AND	11.483		UNIVERSITY OF MIAMI	S1512	\$197,015
STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND	11.609		UNIVERSITY OF NEBRASKA NANOELECTRONICS RESEARCH	2605210129006	\$278,023
STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND	11.609		CORPORATION (NERC)	2013NE2399	\$1,613,934
STANDARDS MEASUREMENT AND ENGINEERING RESEARCH AND	11.609				\$49,243
STANDARDS SCIENCE, TECHNOLOGY, BUSINESS AND/OR EDUCATION	11.609				\$125,326
OUTREACH	11.620				\$52,571
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000				\$30,609 \$2,573
DEPARTMENT OF DEFENSE	12.000				\$2,573
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000				\$2,501 \$141,632
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000				\$95,696 \$100,310
DEPARTMENT OF DEFENSE	12.000		UNIVERSITY OF CENTRAL		\$53,520
DEPARTMENT OF DEFENSE	12.000		FLORIDA	232896	\$2,569
DEPARTMENT OF DEFENSE	12.000		CUBRC INCORPORATED MAGNOLIA OPTICAL	07875S2	\$19,134
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		CUBRC INCORPORATED EWA GOVERNMENT SYSTEMS	W911QX13C0073 07932S2	\$52,229 \$86,997
DEPARTMENT OF DEFENSE	12.000		INCORPORATED BRAINSCOPE COMPANY	P140001879	\$33,246
DEPARTMENT OF DEFENSE	12.000		INCORPORATED BRAINSCOPE COMPANY	N/A	\$26,795
DEPARTMENT OF DEFENSE	12.000		INCORPORATED REACTION ENGINEERING	N/A	\$1,341
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		INTERNATIONAL BATTELLE MEMORIAL INSTITUTE	82441 US0010000494186	\$100,553 \$12,239
DEPARTMENT OF DEFENSE	12.000		CFD RESEARCH CORPORATION UNIVERSITY OF DAYTON	9154	\$24,968
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		RESEARCH INSTITUTE DCS CORPORATION ANDRO COMPUTATIONAL	RSC16005 APX02N009	\$43,537 \$190,295
DEPARTMENT OF DEFENSE	12.000		SOLUTIONS LLC	ACS16AF10BT0904	\$49,917
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		UNIVERSITY OF MARYLAND GRIFFISS INSTITUTE	Z9208105 NA	\$382,627 \$39,999
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		WESSON GROUP LLC CREARE INCORPORATED	W912P416C0001 82909	\$99,687 \$6,088
			GOVERNMENT OF ISRAEL		φ0,000
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		MINISTRY OF DEFENSE MIT LINCOLN LABORATORY BRAINSCOPE COMPANY	4440751480 7000368307	\$65,328 \$20,000
DEPARTMENT OF DEFENSE DEPARTMENT OF DEFENSE	12.000 12.000		INCORPORATED PURDUE UNIVERSITY	N/A 410579328	\$20,100 \$2,342
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114		ROCKWELL COLLINS INCORPORATED GENERAL ELECTRIC GLOBAL	4504947155	\$18,546
COLLABORATIVE RESEARCH AND DEVELOPMENT	12.114		RESEARCH	401074061	\$263,631
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$10,537 \$68,361
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$603,987
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300	87			-\$478 \$5,978
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$104,089

	Federal	Additional	Pass-Through	Pass-Through	
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Federal Expenditures
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300	identinoditori	Nume	racinalying Nameer	\$4,429
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$117,949
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$9,210 \$95,522
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$63,216
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$103,271 \$4,318
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$83,095
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$166,045
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$222,164 \$60,293
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$28,977
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$260,722 \$105,068
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$184,829
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$196,212
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$25,560 \$1,208
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$314,779
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$164,116 \$45,648
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$302,990
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$128,083
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$94,911 \$97,429
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$159,810
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$64,477
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$78,450 \$70,539
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$122,120
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$96,544 \$191,728
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$364,260
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300				\$1,562
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300				\$50,484 \$3,676
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		OREGON STATE UNIVERSITY	N0268AA	\$939
DACIC AND ADDITED COENTIES DECEADOLS	40.000		FLORIDA INSTITUTE FOR HUMAN	FA07F040000404	P440 444
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300		AND MACHINE COGNITION OBJECTVIDEO INCORPORATED	FA875012203481 N0001414P1155 N141075	\$140,441 \$757
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		IBM CORPORATION	5004630250	\$278,134
BASIC AND APPLIED SCIENTIFIC RESEARCH BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300 12.300		UNIVERSITY OF TENNESSEE CUBRC INCORPORATED	A160120S001/8500048764 08003S2	\$8,686 \$45,577
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		CUBRC INCORPORATED	0800332 08005S1	\$97,467
BASIC AND APPLIED SCIENTIFIC RESEARCH	12.300		CARNEGIE MELLON UNIVERSITY	1150141-358366	\$67,991
BASIC AND APPLIED SCIENTIFIC RESEARCH SCIENTIFIC RESEARCH - COMBATING WEAPONS OF MASS	12.300		DUKE UNIVERSITY VIRGINIA POLYTECHNIC	3130659	\$79,739
DESTRUCTION	12.351		INSTITUTE AND STATE UNIV	450378-19245	\$96,837
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360		CLIOMIULI	1200000	\$90,226
RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE RESEARCH ON CHEMICAL AND BIOLOGICAL DEFENSE	12.360 12.360		CH2MHILL CH2MHILL	1306092 300407100322	-\$4,919 \$53,337
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$32,211
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$374,045 \$592
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$32,454
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$297,053
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$640 \$72
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				-\$3,080
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$224,557 \$53,047
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$54,932
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$130,980
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$16,581 \$52,628
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$1,931,214
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$259,404 \$158.018
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$158,018 \$158,305
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$39,424
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$135,156 \$106,778
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$147,141
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$126,958
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420				\$61,706 \$159,015
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420				\$28,416
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420		UNIVERSITY OF MISSISSIPP	N/A	\$106,717 \$1,093
WILLIAKT WEDICAL RESEARCH AND DEVELOF WENT	12.420		WAKE FOREST UNIVERSITY	IVA	\$1,093
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		HEALTH SCIENCES	WFUHS441020SR-10	\$101,772
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		CHEROKEE NATION TECHNOLOGY SOLUTIONS LLC	N/A	\$1,182
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		CHEROKEE NATION TECHNOLOGY SOLUTIONS LLC UNIVERSITY OF ILLINOIS AT	W81XWH12D00440013	-\$6,615
MILITARY MEDICAL RESEARCH AND DEVELOPMENT MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420 12.420		CHICAGO HEALTH RESEARCH INC	W81XWH140281 14401	\$63,000 \$2,558
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		CHEROKEE NATION TECHNOLOGY SOLUTIONS LLC CHEROKEE NATION	W81XH12D00440020	\$6,514
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		TECHNOLOGY SOLUTIONS LLC TRUSTEES OF INDIANA	W81XH12D00440020	\$95,874
MILITARY MEDICAL RESEARCH AND DEVELOPMENT	12.420		UNIVERSITY	PO 1951529 IN4379810SBU	\$26,276
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$82,265 \$115,819
BASIC SCIENTIFIC RESEARCH	12.431	88			\$79,325
BASIC SCIENTIFIC RESEARCH	12.431				\$15,911

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BASIC SCIENTIFIC RESEARCH	12.431				\$48,416
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$170,992 \$125,120
BASIC SCIENTIFIC RESEARCH	12.431				\$184,773
BASIC SCIENTIFIC RESEARCH	12.431				\$105,981
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$151 \$90,895
BASIC SCIENTIFIC RESEARCH	12.431				\$51,702
BASIC SCIENTIFIC RESEARCH	12.431				\$9,888
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$68,204 \$166,330
BASIC SCIENTIFIC RESEARCH	12.431				\$47,435
BASIC SCIENTIFIC RESEARCH	12.431				\$41,754
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431				\$28,498 \$15,786
BASIC SCIENTIFIC RESEARCH	12.431				\$53,772
BASIC SCIENTIFIC RESEARCH	12.431		UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE STAIB INSTRUMENTS	2013035802SUN	\$31,652
BASIC SCIENTIFIC RESEARCH	12.431		INCORPORATED	A25781	\$27,124
BASIC SCIENTIFIC RESEARCH BASIC SCIENTIFIC RESEARCH	12.431 12.431		TETRA TECH INCORPORATED JADE THERAPEUTICS INCORPORATED	1112140 W81XWH-14-C-0025	\$39,619 \$2,483
BASIC SCIENTIFIC RESEARCH	12.431		UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	KK1655	\$69,689
BASIC SCIENTIFIC RESEARCH	12.431		UNIVERSITY OF CENTRAL FLORIDA MAGNOLIA OPTICAL	336379	\$119,337
BASIC SCIENTIFIC RESEARCH	12.431		TECHNOLOGIES INCORPORATED	W911QX16C0029	\$32,814
BASIC SCIENTIFIC RESEARCH BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND	12.431		UNIVERSITY OF TEXAS AT AUSTIN DIGITAL MANUFACTURING AND	UTA16000993	\$1,749
ENGINEERING BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630 12.630		DESIGN INNOVATION INSTITUTE	151103	\$112,127 \$69,627
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630				\$91,870
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		FLORIDA INTERNATIONAL UNIVERSITY	80000217701	\$6,137
BASIC, APPLIED, AND ADVANCED RESEARCH IN SCIENCE AND ENGINEERING	12.630		UTAH STATE UNIVERSITY RESEARCH FOUNDATION	CP0039811	\$22,197
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		RESEARCHT CONDATION	CF0039011	\$154,369
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$282,738
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800		NANO-BIO MANUFACTURING		\$190,284 \$427,705
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		CONSORTIUM	FA86501327311-7	\$363,201
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$26,540,140
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800				\$344,407 \$38,912
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$210,691
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$103,694
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800				\$200,440 \$100,670
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$68,236
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800				\$1,937 \$73,713
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$208,294
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$102,073
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800				\$49,693 \$73,281
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$156,369
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800				\$5,542
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800		UNIVERSITY OF CALIFORNIA AT SANTA BARBARA	KK1236	\$10,723
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		REGENTS OF THE UNIVERSITY OF MINNESOTA	A002727302	\$115,359 \$32,159
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		REGENTS OF THE UNIVERSITY OF MINNESOTA	A001650201	\$36,084
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA REGENTS OF THE UNIVERSITY OF	2014123SC1	\$20,511
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		CALIFORNIA RIVERSIDE PENNSYLVANIA STATE	S-000748	\$93,801
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		UNIVERSITY	5301SUNYBAFOSR0158	\$71,214
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800 12.800		ATA AEROSPACE LLC GRIFFISS INSTITUTE MINERVA SYSTEMS AND	NM15476 PIA3-UP-Binghamton	\$3,000 \$18,187
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		TECHNOLOGIES LLC	Agreement 16093746	\$110,894
AIR FORCE DEFENSE RESEARCH SCIENCES PROGRAM	12.800		KITWARE INCORPORATED	K00189200S04	\$75,365
MATHEMATICAL SCIENCES GRANTS PROGRAM MATHEMATICAL SCIENCES GRANTS PROGRAM	12.901 12.901		GOVERNMENT OF ISRAEL		\$10,871 \$24,253
INFORMATION SECURITY GRANTS	12.902		MINISTRY OF DEFENSE	4440477335	\$1,029
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		FLEX TECH ALLIANCE MOTIV SPACE SYSTEMS	n/a PO #54	\$249,312 \$120,606
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		WICHTY SPACE STOTEIVIS	FO#34	\$120,606 \$353,277
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910				\$129,067
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910				\$180,391 \$57,610
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		MICRON TECHNOLOGY INC MASSACHUSETTS INSTITUTE OF	HR00111190009	\$1,239,236
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		TECHNOLOGY	5700019141	\$758,384
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	89	IBM CORPORATION MASSACHUSETTS INSTITUTE OF	5005026260	\$287,473
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910	09	TECHNOLOGY	5700019589	\$1,439,095

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
			BAE SYSTEMS INFORMATION &		
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		ELECTRONIC SYSTEMS INTEGRATION INC BAE SYSTEMS CONTROLS	8452268/ SLIN# 5.1	\$141,429
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		INCORPORATED BOEING COMPANY TRUSTEES OF COLUMBIA	209630 1238722	\$27,333 \$244,979
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		UNIVERSITY IN THE CITY OF NEW YORK BBN TECHNOLOGIES	2GG012363	\$77,517
RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910		CORPORATION	14632	\$52,650
RESEARCH AND TECHNOLOGY DEVELOPMENT RESEARCH AND TECHNOLOGY DEVELOPMENT	12.910 12.910		ANALOG PHOTONICS LLC FLEX TECH ALLIANCE BAE SYSTEMS INFORMATION & ELECTRONIC SYSTEMS	Sub-2-HR011-16-C-0108 P2.8	\$441,672 \$17,774
RESEARCH AND TECHNOLOGY DEVELOPMENT CENTRAL INTELLIGENCE AGENCY	12.910 13.000		INTEGRATION INC LEIDOS	84522612 SLIN#6.1 P010182175	\$39,894 \$7,114
HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY GRANTS (CDBG-DR) HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT	14.269		HOUSING TRUST FUND CORPORATION HOUSING TRUST FUND	NYRISE	\$796,321
DISASTER RECOVERY GRANTS (CDBG-DR) HURRICANE SANDY COMMUNITY DEVELOPMENT BLOCK GRANT	14.269		CORPORATION HOUSING TRUST FUND	NYRISE	-\$46,905
DISASTER RECOVERY GRANTS (CDBG-DR)	14.269		CORPORATION	na	\$256,532
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000				\$8,074 \$260
DEPARTMENT OF THE INTERIOR	15.000				\$1,125
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000				\$5,055 \$18,237
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000				\$8,567
			NYS DEPARTMENT OF ENVIRONMENTAL		
DEPARTMENT OF THE INTERIOR DEPARTMENT OF THE INTERIOR	15.000 15.000		CONSERVATION UNIVERSITY OF NEW HAMPSHIRE	AM10165 17-019	\$217,331 \$29,240
FISH, WILDLIFE AND PLANT CONSERVATION RESOURCE	13.000		NYS DEPARTMENT OF ENVIRONMENTAL	17-019	Ψ20,240
MANAGEMENT BUREAU OF OCEAN ENERGY MANAGEMENT (BOEM)	15.231		CONSERVATION	AMO8625	\$648,757
ENVIRONMENTAL STUDIES (ES)	15.423		UNIVERSITY OF ILLINOIS URBANA		\$167,574
SPORT FISH RESTORATION FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.605 15.608		CHAMPAIGN	20150491301	\$605 \$1,893
FISH AND WILDLIFE MANAGEMENT ASSISTANCE FISH AND WILDLIFE MANAGEMENT ASSISTANCE	15.608 15.608		TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT CENTRAL MICHIGAN UNIVERSITY NYS DEPARTMENT OF	N/A F63172	\$3,119 \$11,119
WILDLIFE RESTORATION AND BASIC HUNTER EDUCATION	15.611		ENVIRONMENTAL CONSERVATION WILDLIFE MANAGEMENT	AMO8649	\$830,846
MULTISTATE CONSERVATION GRANT PARTNERS FOR FISH AND WILDLIFE	15.628 15.631		INSTITUTE INCORPORATED	201303	\$10,116 \$20,485
PARTNERS FOR FISH AND WILDLIFE	15.631		TIOGA COUNTY SOIL AND WATER CONSERVATION DISTRICT	NA	\$1,869
STATE WILDLIFE GRANTS	15.634		PENNSYLVANIA FISH AND BOAT COMMISSION	2016 0428 01 4100072898	\$43,647
STATE WILDLIFE GRANTS MIGRATORY BIRD JOINT VENTURES	15.634 15.637		ANTIOCH UNIVERSITY	F17AP00046	\$7,400 \$15,095
MIGRATORY BIRD JOINT VENTURES	15.637		UNIVERSITY OF WISCONSIN STEVENS POINT	17-02	\$4,145
RESEARCH GRANTS (GENERIC) RESEARCH GRANTS (GENERIC)	15.650 15.650				\$57,282 \$6,307
MIGRATORY BIRD MONITORING, ASSESSMENT AND CONSERVATION ENDANGERED SPECIES CONSERVATION? RECOVERY	15.655				\$59,979
IMPLEMENTATION FUNDS ENDANGERED SPECIES CONSERVATION ? RECOVERY	15.657				\$29,431
IMPLEMENTATION FUNDS ENDANGERED SPECIES CONSERVATION? RECOVERY	15.657				\$13,110
IMPLEMENTATION FUNDS ENDANGERED SPECIES CONSERVATION? RECOVERY	15.657				\$21,580
IMPLEMENTATION FUNDS NATURAL RESOURCE DAMAGE ASSESSMENT, RESTORATION AND IMPLEMENTATION	15.657 15.658		COMMONWEALTH OF VIRGINIA	435051501	\$30,807 \$11,702
AND INFELINIATION	13.030		NATIONAL FISH AND WILDLIFE		\$11,702
GREAT LAKES RESTORATION	15.662		FOUNDATION	050115048886	\$50,061
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662				\$10,542 \$13,027
GREAT LAKES RESTORATION	15.662				\$57,323
GREAT LAKES RESTORATION GREAT LAKES RESTORATION	15.662 15.662				\$713 \$15,457
GREAT LAKES RESTORATION HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS	15.662 15.677				\$7,759 \$74,835
HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS HURRICANE SANDY DISASTER RELIEF ACTIVITIES-FWS ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.677 15.677		UNIVERSITY OF MAINE AT ORONO UNIVERSITY OF CONNECTICUT	UMS988 F15AC00163 KFS# 5631490 and RSA 68986	\$3,289 \$71,294
INSTITUTES ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.805				\$8,465
INSTITUTES ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.805		CORNELL UNIVERSITY	78963-10649	\$9,164
INSTITUTES ASSISTANCE TO STATE WATER RESOURCES RESEARCH	15.805		CORNELL UNIVERSITY	7896310647	\$10,334
INSTITUTES U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.805 15.808	90	CORNELL UNIVERSITY	NA	\$3,408 \$27,370
S.S. SECESSIONE SONVET_ NEGLANOTIAND DATA COLLECTION	10.000				∪ ۱۵, ۱∠پ

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$21,419
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$130,793
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$91,253
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$36,484
U.S. GEOLOGICAL SURVEY_ RESEARCH AND DATA COLLECTION	15.808				\$27,074
U.S. GEOLOGICAL SURVEY RESEARCH AND DATA COLLECTION	15.808				\$59,149
NATIONAL LAND REMOTE SENSING_EDUCATION OUTREACH AND RESEARCH	15.815		AMERICAVIEW	AV14NY01	\$25,767
			UNIVERSITY OF WISCONSIN AT MADISON	590K015	
NATIONAL CLIMATE CHANGE AND WILDLIFE SCIENCE CENTER	15.820		WESTERN NATIONAL PARKS		\$9,880
HISTORIC PRESERVATION FUND GRANTS-IN-AID NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND	15.904		ASSOCIATION	16-01	\$6,839
TRAINING AMERICAN BATTLEFIELD PROTECTION	15.923 15.926				\$4,353 \$6,937
AMERICAN BATTLEFIELD PROTECTION AMERICAN BATTLEFIELD PROTECTION	15.926 15.926		ON III WAR TRUCT	NDC A	\$1,692
			CIVIL WAR TRUST RAYMOND W HARVEY POST 703	NPS Agreement GA228714001	\$92,112
AMERICAN BATTLEFIELD PROTECTION COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.926		AMERICAN LEGION	ABPP Grant #GA-2287-16-010	\$42,315
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$45,164
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$203,056
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$5,805
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$146,030
RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$100,449
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$24,289
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$8,502
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$118,404
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$70,854
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$498
COOPERATIVE RESEARCH AND TRAINING PROGRAMS ? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$11,184
COOPERATIVE RESEARCH AND TRAINING PROGRAMS? RESOURCES OF THE NATIONAL PARK SYSTEM	15.945				\$23,541
COOPERATIVE RESEARCH AND TRAINING PROGRAMS?					
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$32,573
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$35,998
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$7,378
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$23,936
RESOURCES OF THE NATIONAL PARK SYSTEM COOPERATIVE RESEARCH AND TRAINING PROGRAMS?	15.945				\$5,279
RESOURCES OF THE NATIONAL PARK SYSTEM DEPARTMENT OF JUSTICE	15.945 16.000		RUTGERS UNIVERSITY	5476 S2178225	\$9,686 \$148,929
DEPARTMENT OF JUSTICE NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND	16.000				\$311,840
DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND	16.560				\$36,972
DEVELOPMENT PROJECT GRANTS NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND	16.560				\$2,146
DEVELOPMENT PROJECT GRANTS	16.560				-\$15
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$98,020
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$251,440
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$208,517
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$176,040
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$46,761
NATIONAL INSTITUTE OF JUSTICE RESEARCH, EVALUATION, AND DEVELOPMENT PROJECT GRANTS	16.560				\$21,987
CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS CRIME VICTIM ASSISTANCE/DISCRETIONARY GRANTS	16.582 16.582				\$45,843 \$23,739
JUVENILE JUSTICE REFORM AND REINVESTMENT DEMONSTRATION PROGRAM	16.821				\$28,335
VETERAN'S PREFERENCE IN FEDERAL EMPLOYMENT	17.806				\$9,867
DEPARTMENT OF STATE DEPARTMENT OF STATE	19.000 19.000				\$17,604 \$5,397
PUBLIC DIPLOMACY PROGRAMS IRAN ASSISTANCE PROGRAM	19.040 19.221				\$9,744 \$425,752
INTERNATIONAL PROGRAMS TO SUPPORT DEMOCRACY, HUMAN			NATIONAL ENDOWMENT FOR	2042220	
RIGHTS AND LABOR PUBLIC DIPLOMACY PROGRAMS FOR AFGHANISTAN AND PARISTAN	19.345		DEMOCRACY	2016360	\$24,861
PAKISTAN BUREAU OF WESTERN HEMISPHERE AFFAIRS (WHA) GRANT	19.501		EURASIA FOUNDATION	W161015	\$23,242
PROGRAMS (INCLUDING ENERGY AND CLIMATE PARTNERSHIP FOR THE AMERICAS)	19.750	91			\$4,085

Cluster Name/Dreaven Title	Federal CFDA Number	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal Expenditures
Cluster Name/Program Title EXPORT CONTROL AND RELATED BORDER SECURITY	19.901	Identification	Name	Identifying Number	\$130,339
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$85,533
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901				\$65,495 \$42,764
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$63,641
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$128,484
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901				\$98,451 \$3,870
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$128,248
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901				\$1,833
EXPORT CONTROL AND RELATED BORDER SECURITY EXPORT CONTROL AND RELATED BORDER SECURITY	19.901 19.901				\$25,459 \$34,409
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		PRESIDENT AND FELLOWS OF		\$46,139
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		PRESIDENT AND FELLOWS OF MIDDLEBURY COLLEGE PRESIDENT AND FELLOWS OF	SPMECO12CA1010	\$23,175
EXPORT CONTROL AND RELATED BORDER SECURITY	19.901		MIDDLEBURY COLLEGE WISCONSIN DEPARTMENT OF	SLMAQM14CA1198	\$30,698
DEPARTMENT OF TRANSPORTATION DEPARTMENT OF TRANSPORTATION	20.000 20.000		TRANSPORATION	00921605	\$77,381 \$631,864
DEPARTMENT OF TRANSPORTATION	20.000				\$14,018
DEPARTMENT OF TRANSPORTATION	20.000		ARORA AND ASSOCIATES PC NATIONAL ACADEMY OF	DTFH61-06-D-00037	-\$19,823
DEPARTMENT OF TRANSPORTATION	20.000		SCIENCES STANTEC CONSULTING	NCHRP172	\$204
DEPARTMENT OF TRANSPORTATION	20.000		SERVICES INC	NA	\$9,987
DEPARTMENT OF TRANSPORTATION	20.000		CUBRC INCORPORATED NATIONAL ACADEMY OF	07988S1	\$96,645
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200 20.200		SCIENCES ROWAN UNIVERSITY	HR1293 NA	\$165,127 \$1,777
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		CUBRC INCORPORATED RENSSELAER POLYTECHNIC	08010S1	\$20,707
HIGHWAY RESEARCH AND DEVELOPMENT PROGRAM	20.200		INSTITUTE RESEARCH FOUNDATION OF CITY	A90538	\$2,710
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205		UNIVERSITY OF NEW YORK NYS EDUCATION DEPARTMENT	555130127 C010915	\$238,795 \$332
HIGHWAY PLANNING AND CONSTRUCTION	20.205		RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491984227 556060227	\$37,338
HIGHWAY PLANNING AND CONSTRUCTION	20.205		UNIVERSITY OF NEW YORK	558650126	\$69,760
HIGHWAY PLANNING AND CONSTRUCTION	20.205		GREEN OPTIONS BUFFALO	NA C040045	\$4,367
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C010915 C010915	\$205,157 \$971,628
			RESEARCH FOUNDATION OF CITY		
HIGHWAY PLANNING AND CONSTRUCTION HIGHWAY PLANNING AND CONSTRUCTION	20.205 20.205		UNIVERSITY OF NEW YORK MASER CONSULTING P.A.	57315-08-26 PIN 8761.31	\$582 \$8,892
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS EDUCATION DEPARTMENT	C012872	\$30,187
HIGHWAY PLANNING AND CONSTRUCTION	20.205		NYS EDUCATION DEPARTMENT NYS DEPARTMENT OF	C012872	\$188,365
MOTOR CARRIER SAFETY ASSISTANCE MOTOR CARRIER SAFETY ASSISTANCE	20.218		TRANSPORTATION NYS DEPARTMENT OF TRANSPORTATION	C003101 C003101	\$113,388 \$54,414
			STANTEC CONSULTING		
RECREATIONAL TRAILS PROGRAM RAILROAD RESEARCH AND DEVELOPMENT	20.219 20.313		SERVICES INC KLD LABS INCORPORATED RESEARCH FOUNDATION OF CITY	n/a BAA20142FRA	\$8,277 \$65,929
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981527	-\$116
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491982227	\$51,239
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981727	\$2,725
UNIVERSITY TRANSPORTATION CENTERS PROGRAM UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	491981427 558640126	\$3,586 \$35,048
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY TRANSPORTATION RESEARCH CENTER	491983027	\$11,159
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY TRANSPORTATION RESEARCH CENTER	49198-42-26	\$12,567
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK	491981228	\$15,002
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH FOUNDATION OF CITY UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981528	\$9,398
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491981328	\$12,095
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491983928	\$28,371
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	491982328	\$14,247
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK RESEARCH FOUNDATION OF CITY	49198-24-28	\$2,937
UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		UNIVERSITY OF NEW YORK UNIVERSITY TRANSPORTATION	491984628	\$42,905 \$13,444
UNIVERSITY TRANSPORTATION CENTERS PROGRAM UNIVERSITY TRANSPORTATION CENTERS PROGRAM	20.701		RESEARCH CENTER UNIVERSITY TRANSPORTATION RESEARCH CENTER	49198-35-28 49198-20-28	\$13,444 \$14,662
RESEARCH GRANTS	20.762		ALGERICAL GENTLE	.0100 20 20	\$5,961
RESEARCH GRANTS	20.762				\$2,834 \$10,597
RESEARCH GRANTS RESEARCH GRANTS	20.762 20.762				\$10,587 \$1,187
US POSTAL SERVICE	22.000				\$268,331
US POSTAL SERVICE US POSTAL SERVICE	22.000 22.000				\$144,402 \$21,907
US POSTAL SERVICE	22.000				\$7,409
US POSTAL SERVICE US POSTAL SERVICE	22.000 22.000	92	2 LOCKHEED MARTIN	DW461522	\$40,504 \$17,328

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY		identification	Name	identifying Number	
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$116,400
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$87,300
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				-\$428
PROGRAM	27.011				\$29,287
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$75,660
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$5,171
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY					
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$70,600
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$23,502
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$54,786
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$63,491
PROGRAM	27.011				\$36,429
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$40,409
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$29,990
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM					
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$11,295
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$21,718
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$12,047
PROGRAM	27.011				\$13,377
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$44,103
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$49,680
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$97,329
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY					
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$39,151
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$32,292
PROGRAM INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY	27.011				\$38,524
PROGRAM	27.011				\$11,909
INTERGOVERNMENTAL PERSONNEL ACT (IPA) MOBILITY PROGRAM	27.011				\$25,239
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000 43.000				\$2,387 \$72,488
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	43.000 43.000				\$26,073 \$9,930
			UNIVERSITIES SPACE RESEARCH	0574204	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION SCIENCE	43.000 43.001		ASSOCIATION	0574301	\$84,986 \$64,410
SCIENCE SCIENCE	43.001 43.001				\$80,545 \$21,977
SCIENCE SCIENCE	43.001 43.001				\$82,938 \$95,266
SCIENCE	43.001				\$76,457
SCIENCE SCIENCE	43.001 43.001				\$88,460 \$186,318
SCIENCE SCIENCE	43.001 43.001				\$113,831 \$112,630
SCIENCE SCIENCE	43.001 43.001				\$142,541 \$131,684
SCIENCE SCIENCE	43.001 43.001				\$172,946 \$168,384
SCIENCE	43.001				\$735,422
SCIENCE SCIENCE	43.001 43.001				\$31,916 \$2,543
SCIENCE SCIENCE	43.001 43.001				\$32,713 \$56,218
SCIENCE SCIENCE	43.001 43.001				\$26,259 \$114,703
SCIENCE	43.001				\$10,724
SCIENCE SCIENCE	43.001 43.001				\$55,189 \$65,924
SCIENCE SCIENCE	43.001 43.001				\$738 \$155,847
SCIENCE SCIENCE	43.001 43.001				\$70 \$63,317
SCIENCE	43.001				\$50,118
SCIENCE SCIENCE	43.001 43.001				\$130,964 \$83,520
SCIENCE SCIENCE	43.001 43.001				\$30,471 \$113,944
SCIENCE SCIENCE	43.001 43.001				\$26,658 \$4,281
SCIENCE	43.001				\$114,806
SCIENCE SCIENCE	43.001 43.001				\$24,019 \$2,231
SCIENCE SCIENCE	43.001 43.001		_		\$119,581 \$25,271
SCIENCE SCIENCE	43.001 43.001	93	3		\$135,980 \$21,195
	.0.001				Ψ21,100

	Federal Additional Pass-Through			Pass-Through		
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Federal Expenditures	
SCIENCE	43.001	racramoation	Nume	identifying Number	\$12,766	
SCIENCE SCIENCE	43.001 43.001				\$38,025 \$27,789	
SCIENCE	43.001		DECENTA OF THE UNIVERSITY OF		\$9,257	
SCIENCE	43.001		REGENTS OF THE UNIVERSITY OF CALIFORNIA	0995SNB140	\$83,740	
SCIENCE	43.001		JET PROPULSION LABORATORY	1438780	\$776	
SCIENCE SCIENCE	43.001 43.001		ARIZONA STATE UNIVERSITY JET PROPULSION LABORATORY	1228404 12893 1457128	\$45,819 \$122,634	
SCIENCE	43.001		JET PROPULSION LABORATORY	1467483	\$33,234	
SCIENCE SCIENCE	43.001 43.001		JET PROPULSION LABORATORY REMOTE SENSING SYSTEMS	1472792 6003	\$7,521 \$36,882	
			JOHNS HOPKINS UNIVERSITY			
SCIENCE	43.001		APPLIED PHYSICS LABORATORY SPACE TELESCOPE SCIENCE	118431	\$2,682	
SCIENCE	43.001		INSTITUTE	HSTGO1338810A	\$299	
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	GO415068X	\$8,987	
SCIENCE	43.001		JOHNS HOPKINS UNIVERSITY APPLIED PHYSICS LABORATORY	123733	\$53,227	
SCIENCE	45.001		CALIFORNIA INSTITUTE OF	123733	\$33,221	
SCIENCE	43.001		TECHNOLOGY SPACE TELESCOPE SCIENCE	1519738	\$70,471	
SCIENCE	43.001		INSTITUTE	HSTGO13831011A	\$4,915	
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL OBSERVATORY	AR516005X	\$37,719	
COLLINGE	43.001		NATIONAL SPACE BIOMEDICAL		ψ31,119	
SCIENCE SCIENCE	43.001 43.001		RESEARCH INSTITUTE JET PROPULSION LABORATORY	SMST00007 RSA 1533692	\$65,876 \$35,400	
SCIENCE	43.001		JET PROPULSION LABORATORY	1536860	\$35,400 \$31,183	
SCIENCE	43.001		DUKE UNIVERSITY YALE UNIVERSITY	3430542	\$1	
SCIENCE	43.001		SMITHSONIAN ASTROPHYSICAL	C16N12275N00190	\$11,927	
SCIENCE	43.001		OBSERVATORY	GO617004X	\$3,102	
SCIENCE	43.001		JET PROPULSION LABORATORY SPACE TELESCOPE SCIENCE	1546528	\$1,110	
SCIENCE	43.001		INSTITUTE	HSTGO14177002A	\$22,408	
SCIENCE SCIENCE	43.001 43.001		N2 BIOMEDICAL LLC JET PROPULSION LABORATORY	NP00778 1550022	\$30,000 \$143,662	
			SMITHSONIAN ASTROPHYSICAL			
SCIENCE SCIENCE	43.001 43.001		OBSERVATORY N2 BIOMEDICAL LLC	SV686017 NP00892	\$27,686 \$1,983	
			GEORGIA INSTITUTE OF			
AERONAUTICS	43.002		TECHNOLOGY NATIONAL SPACE BIOMEDICAL	RD368G1	\$33,245	
AERONAUTICS	43.002		RESEARCH INSTITUTE	SMST03401	\$225,102	
EXPLORATION EXPLORATION	43.003 43.003				\$205,556 \$48,301	
EXPLORATION	43.003				\$397,075	
EXPLORATION	43.003				\$73,624 \$77,005	
EDUCATION EDUCATION	43.008 43.008		CORNELL UNIVERSITY	7615610492	\$77,295 \$15,776	
EDUCATION	43.008		CORNELL UNIVERSITY	76156-10482	\$13,506	
EDUCATION CROSS AGENCY SUPPORT	43.008 43.009		CORNELL UNIVERSITY	7615610479	\$2,000 \$70,181	
CROSS AGENCY SUPPORT	43.009				\$52,340	
CROSS AGENCY SUPPORT SPACE TECHNOLOGY	43.009		UNIVERSITY OF MARYLAND	19983 Z6917002 1529702	\$5,630	
PROMOTION OF THE ARTS_GRANTS TO ORGANIZATIONS AND	43.012		JET PROPULSION LABORATORY	1529702	\$37,124	
INDIVIDUALS PROMOTION OF THE HUMANITIES_TEACHING AND LEARNING	45.024				\$3,018	
RESOURCES AND CURRICULUM DEVELOPMENT	45.162				\$4,844	
PROMOTION OF THE HUMANITIES_PROFESSIONAL	45.400					
DEVELOPMENT PROMOTION OF THE HUMANITIES PUBLIC PROGRAMS	45.163 45.164				\$1,632 \$10,692	
NATIONAL LEADERSHIP GRANTS	45.312				\$23,195	
LAURA BUSH 21ST CENTURY LIBRARIAN PROGRAM NATIONAL SCIENCE FOUNDATION	45.313 47.000				\$140,034 \$317,844	
NATIONAL SCIENCE FOUNDATION	47.000				\$79,487	
NATIONAL SCIENCE FOUNDATION	47.000				\$237,492	
NATIONAL SCIENCE FOUNDATION NATIONAL SCIENCE FOUNDATION	47.000 47.000				\$209,944 \$122,466	
ENGINEERING GRANTS	47.041				-\$981	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$34,965	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041				\$113,111 \$43,318	
ENGINEERING GRANTS	47.041				\$163,935	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$43,424 \$533,081	
ENGINEERING GRANTS	47.041				\$111	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$141,145 \$69,811	
ENGINEERING GRANTS	47.041				\$23,345	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$4,604 \$131,333	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041				\$131,333 \$161,989	
ENGINEERING GRANTS	47.041 47.041				\$1,470	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$53,207 \$2,948	
ENGINEERING GRANTS	47.041				\$481	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$139,924 \$4,696	
ENGINEERING GRANTS	47.041				\$37,883	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				-\$248 \$59,742	
ENGINEERING GRANTS	47.041	-			\$13,486	
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041	94	1		\$25,802 \$80,498	
2.15.1EEIMIO OIVIITO	71.071				φου,430	

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal
Cluster Name/Program Title	Number	Identification	Name	Identifying Number	Expenditures
ENGINEERING GRANTS	47.041				\$161,951
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$530 \$21,541
ENGINEERING GRANTS	47.041				\$55,532
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$8,421 \$200,981
ENGINEERING GRANTS	47.041				\$123,092
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$101,047 \$51,259
ENGINEERING GRANTS	47.041				\$106,162
ENGINEERING GRANTS	47.041				\$2,541
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$34,694 \$61,213
ENGINEERING GRANTS	47.041				\$99,206
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$24,684 \$14
ENGINEERING GRANTS	47.041				\$71,152
ENGINEERING GRANTS	47.041				\$66,008
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$62,978 \$13,052
ENGINEERING GRANTS	47.041				\$2,466
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$37 \$96,269
ENGINEERING GRANTS	47.041				\$68,969
ENGINEERING GRANTS	47.041				\$44,131
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$96,658 \$56,838
ENGINEERING GRANTS	47.041				\$110,522
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$90,261 \$89,923
ENGINEERING GRANTS	47.041				\$155,887
ENGINEERING GRANTS	47.041				\$119,833
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$68,906 \$6,032
ENGINEERING GRANTS	47.041				\$90,409
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$133,211 \$67,851
ENGINEERING GRANTS	47.041				\$12,359
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$96,896 \$20,703
ENGINEERING GRANTS	47.041				\$19,839
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$90,234
ENGINEERING GRANTS ENGINEERING GRANTS	47.041				\$62,802 \$80,179
ENGINEERING GRANTS	47.041				\$17,481
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$31,821 \$12,863
ENGINEERING GRANTS	47.041				\$67,494
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$62,928 \$116,762
ENGINEERING GRANTS	47.041				\$31,024
ENGINEERING GRANTS	47.041				\$110,367 \$54,454
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$54,454 \$84,007
ENGINEERING GRANTS	47.041				\$66,013
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$8,199 \$110,987
ENGINEERING GRANTS	47.041				\$61,255
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$87,398 \$11.558
ENGINEERING GRANTS	47.041				\$114,079
ENGINEERING GRANTS	47.041				\$54,161
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$2,069 \$131,738
ENGINEERING GRANTS	47.041				\$26,017
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$85,670 \$55,102
ENGINEERING GRANTS	47.041				\$577,929
ENGINEERING GRANTS	47.041 47.041				\$36,029
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$54,894 \$79,215
ENGINEERING GRANTS	47.041				\$66,508
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$100,311 \$57,283
ENGINEERING GRANTS	47.041				\$27,281
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$13,526 \$70,193
ENGINEERING GRANTS	47.041				\$16,702
ENGINEERING GRANTS	47.041 47.041				\$210,407
ENGINEERING GRANTS ENGINEERING GRANTS	47.041				\$44,377 \$45,809
ENGINEERING GRANTS	47.041				\$99,920
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$9,904 \$84,467
ENGINEERING GRANTS	47.041				\$53,010
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$26,044 \$53,567
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$33,567 \$48,757
ENGINEERING GRANTS	47.041				\$44,980
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$36,690 \$28,906
ENGINEERING GRANTS	47.041				\$6,428
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$18,046 \$10,711
ENGINEERING GRANTS	47.041				\$53,036
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041	^=			\$65,629 \$86,065
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041	95			\$86,065 \$41,446

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
ENGINEERING GRANTS	47.041			, , ,	\$103,484
ENGINEERING GRANTS	47.041				\$60,712
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$30,065 \$26,977
ENGINEERING GRANTS ENGINEERING GRANTS	47.041				\$20,808
ENGINEERING GRANTS	47.041				\$44,364
ENGINEERING GRANTS	47.041				\$1,846
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041				\$4,446 \$19,724
ENGINEERING GRANTS	47.041		CORNELL UNIVERSITY	6999010138	\$22,767
ENGINEEDING OR ANTO	47.044		BOARD OF SUPERVISORS OF	04050	040.074
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041		LOUISIANA STATE UNIVERSITY UNIVERSITY OF DELAWARE	81656 33803	\$43,971 \$48.276
ENGINEERING GRANTS	47.041		CLARKSON UNIVERSITY	N/A	\$1,566
ENGINEERING GRANTS	47.041		HOCUSLOCUS LLC	IIP-1520807	\$2,734
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041		SHASQI INCORPORATED CHROMANANO TECH LLC	N/A 1548838	\$30,584 \$2,213
ENGINEERING GRANTS	47.041		WEST VIRGINIA UNIV. RESEARCH	1340030	ΨΖ,Ζ13
			CORP. ON BEHALF OF WEST		
ENGINEERING GRANTS ENGINEERING GRANTS	47.041 47.041		VIRGINIA UNIV. BOSTON UNIVERSITY	11160UB 4500002061	\$24,349 \$23,596
ENGINEERING GRANTS ENGINEERING GRANTS	47.041		TEGA THERAPEUTICS	IIP-1622959	\$78,874
			JADE THERAPEUTICS		
ENGINEERING GRANTS	47.041		INCORPORATED	IIP1430921	\$15,830
ENGINEERING GRANTS	47.041		NANOFIBER SOLUTIONS INCORPORATED	N/A	\$45,004
ENGINEERING GRANTS	47.041		X-THERMA INCORPORATED	NA NA	\$51,359
ENGINEEDING ODAY:TO			REGENTS OF THE UNIVERSITY OF	00011===1-	*
ENGINEERING GRANTS	47.041		MICHIGAN ALA SCIENTIFIC INSTRUMENTS	3004155742	\$30,908
ENGINEERING GRANTS	47.041		INC	na	\$89,884
SCIENTIFIC RESEARCH PROJECT SUPPORT	47.047		-		\$16,832
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$72,284 \$02,263
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$92,263 \$113,955
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$71,375
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$202,979
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,319,088 \$26,191
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$84
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$718
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$26,775 \$9,522
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$1,510
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$30,982
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$149,991 \$101,369
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$42,979
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$745
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				-\$34
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$36,750 \$821
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$87
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$43 \$425
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$40,681
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				-\$1,556
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,404 \$90,279
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$32,489
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$22,732
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$7,098 \$127,723
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$127,723
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$8,445
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$204,640 \$47,543
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$67,403
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$95,664
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$90,644 \$16,485
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$16,485 \$36,556
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$157,526
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.040				\$37,575
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$45,836 \$41,222
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$503
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$92,645
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$37,181 \$28,931
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$29,395
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$82,623
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,549 \$6,575
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$6,575 \$17,107
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$201,386
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.040				\$55,072
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$15,812 \$61,363
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$87,171
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$42,044
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$72,302 \$52,749
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$53,748 \$221,609
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$22,114
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.040	•	2		\$642
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049	96	0		\$59,066 \$1,314
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	Federal	Additional	Pass-Through	Pass-Through	
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Federal Expenditures
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	racminoation	Nume	racinalying Number	\$14,906
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$120,380
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$12,482 \$128,151
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$88,474
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$29,996 \$151,286
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$675,632
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$22,931
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$168,390 \$169,343
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$21,491
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$131,418 \$28,224
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$51,875
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,095
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$64,753 \$31,798
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$102,984
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$131,823 \$116,180
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$125,216
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$63,461 \$21.036
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$50,592
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$45,386
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$75,224 \$154.744
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$58,618
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$12,890
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$28,547 \$131,929
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$113,510
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$162,504 \$12,100
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$1,026
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$20,295
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$3,637 \$112,436
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$101,286
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$33,686
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$200 \$14,856
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$12,886
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$101,071 \$117,681
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$96,336
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$35,881
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$69,684 \$27,990
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$36,370
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$42,810 \$111,592
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$268,915
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$127,431
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$44,087 \$135,154
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$123,740
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$124,990 \$92,312
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$10,000
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$53,446
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$68,424 \$46,910
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$76,409
MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$169,105 \$74,369
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$74,368 \$217,104
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$146,357
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$219,566 \$2,661
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$202
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$172,296 \$158,318
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$19,271
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$26,272
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$198,324 \$37,981
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$53,116
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$20,319 \$11,134
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$157,591
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$105,989
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,977 \$148,381
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$15,797
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$50,324 \$143,445
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$143,445 \$59,777
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$32,006
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$43,402 \$31
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$25,136
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$46,076 \$67,400
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$67,400 \$48,648
MATHEMATICAL AND PHYSICAL SCIENCES	47.049	97			\$177,474
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$138,912

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
MATHEMATICAL AND PHYSICAL SCIENCES	47.049			· ·	\$24,398
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$65,323
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$92,261 \$58,608
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$6,998
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$334,175
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$55,988
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$2,099 \$103,103
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$65,640
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$36,055
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$62,280
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$333 \$54,655
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$41,402
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$76,811
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$80,803 \$112,264
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$44,640
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$17,890
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$34,222
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$47,242 \$28,322
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$117,950
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$23,897
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$59,740 \$33,842
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$3,642 \$3,594
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$15,443
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$24,000
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049				\$21,958 \$28,184
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$63,819
MATHEMATICAL AND PHYSICAL SCIENCES	47.049				\$6,182
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		COLUMBIA UNIVERSITY TRUSTEES OF PRINCETON	11GG006141 PHY1119200 - 52519	\$95,189
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY	00002036	\$89
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF NOTRE DAME	NA	\$1,800
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		PENNSYLVANIA STATE UNIVERSITY	4860SUNYNSF5660	\$3,260
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		RENSSELAER POLYTECHNIC INSTITUTE BOARD OF REGENTS OF THE	A12535	\$10,718
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF NEBRASKA	2505210178008	\$36,245
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		UTAH STATE UNIVERSITY	14034401-107	\$1,402
MATHEMATICAL AND PHYSICAL SCIENCES MATHEMATICAL AND PHYSICAL SCIENCES	47.049 47.049		JOHNS HOPKINS UNIVERSITY UNIVERSITY OF VERMONT	2002798118 29648 SUB51861 SUNY	\$9,770
MATREMATICAL AND PHYSICAL SCIENCES	47.049		UNIVERSITY OF VERMONT UNIVERSITY OF CALIFORNIA AT	29040 SUB3 180 1 SUN1	\$57,115
MATHEMATICAL AND PHYSICAL SCIENCES	47.049		SANTA BARBARA	KK1661	\$64,230
GEOSCIENCES	47.050				\$63,924
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$18,911 \$76,748
GEOSCIENCES	47.050				\$76,008
GEOSCIENCES	47.050				\$679,232
GEOSCIENCES	47.050				\$153,582 \$444,054
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$141,251 \$5,094
GEOSCIENCES	47.050				\$70,738
GEOSCIENCES	47.050				\$564
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$16,589
GEOSCIENCES	47.050				\$9,030 -\$524
GEOSCIENCES	47.050				\$130,296
GEOSCIENCES	47.050				\$105,291
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$52,105 \$319,543
GEOSCIENCES	47.050				\$47,533
GEOSCIENCES	47.050				\$24,956
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$113,765 \$178,829
GEOSCIENCES	47.050 47.050				\$178,829 \$99,834
GEOSCIENCES	47.050				\$194,552
GEOSCIENCES	47.050				\$104,496
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$22,525 \$24,053
GEOSCIENCES	47.050				\$289,934
GEOSCIENCES	47.050				\$54,612
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$78,449 \$352
GEOSCIENCES	47.050				\$1,525
GEOSCIENCES	47.050				\$170,468
GEOSCIENCES	47.050				\$74,056
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$91,647 \$120,661
GEOSCIENCES	47.050				\$98,028
GEOSCIENCES	47.050				\$10,067
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$15,671 \$33,942
GEOSCIENCES	47.050 47.050				\$33,942 \$75,709
GEOSCIENCES	47.050				\$2,648
GEOSCIENCES	47.050				\$15,048
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$73,857 \$139,852
GEOSCIENCES	47.050				\$31,296
GEOSCIENCES	47.050				\$61,789
GEOSCIENCES GEOSCIENCES	47.050 47.050	00			\$96,722 \$6,509
GEOSCIENCES	47.050 47.050	98			\$6,509 \$1,219

	Federal	Additional	Pass-Through	Pass-Through	Fodoral
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Federal Expenditures
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$81,269
GEOSCIENCES	47.050				\$81,283 \$11,570
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$144,796 \$89,481
GEOSCIENCES	47.050				\$60,939
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$79,372 \$35,444
GEOSCIENCES	47.050				\$8,594
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$109,052 \$3,873
GEOSCIENCES	47.050				\$32,181
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$97,722 \$80,681
GEOSCIENCES	47.050				\$135,312
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$17,773 \$60,205
GEOSCIENCES	47.050				\$101,327
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$85,400 \$102,115
GEOSCIENCES	47.050				\$156,686
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$74,301 \$75,483
GEOSCIENCES	47.050				\$67,941
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$117,676 \$99,976
GEOSCIENCES	47.050				\$49,110
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$102,321 \$49,345
GEOSCIENCES	47.050				\$132,399
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$1,540 \$61,231
GEOSCIENCES	47.050				\$16,896
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$14,312 \$10,531
GEOSCIENCES	47.050				\$1,699
GEOSCIENCES GEOSCIENCES	47.050 47.050				\$16,026 \$2,625
GEOSCIENCES	47.050				\$649
GEOSCIENCES	47.050		COLORADO STATE UNIVERSITY CONSORTIUM FOR OCEAN	G36241	\$10,046
GEOSCIENCES	47.050		LEADERSHIP BROOKHAVEN SCIENCE	BA94	-\$1,554
GEOSCIENCES	47.050		ASSOCIATES LLC UNIVERSITY OF SOUTHERN	NA	\$54,257
GEOSCIENCES	47.050		CALIFORNIA UNIVERSITY OF CALIFORNIA AT	33510313	\$24,468
GEOSCIENCES GEOSCIENCES	47.050 47.050		SAN DIEGO ARIZONA BOARD OF REGENTS	49752479 S9000556 124740	\$19,828 \$65,211
GEOSCIENCES	47.050		UNIVERSITY OF NEW HAMPSHIRE	14068	\$53,068
GEOSCIENCES	47.050		UNIVERSITY OF RHODE ISLAND	0001928081814	-\$2,164
GEOSCIENCES	47.050		VIRGINIA INSTITUTE OF MARINE SCIENCE	718403 712684	\$3,615
GEOSCIENCES	47.050		UNIVERSITY OF NEW MEXICO	13362387Y4	\$674,960
GEOSCIENCES	47.050		ROCHESTER INSTITUTE OF TECHNOLOGY	31631 01	\$55,116
			TRUSTEES OF COLUMBIA		****
GEOSCIENCES	47.050		UNIVERSITY IN THE CITY OF NEW YORK	56GG009393	\$18,465
GEOSCIENCES	47.050		HEALTH RESEARCH INC	556601	\$15,976
GEOSCIENCES GEOSCIENCES	47.050 47.050		HEALTH RESEARCH INC UNIVERSITY OF TENNESSEE	559901 A140204S001	\$4,148 \$4,752
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		SHIVERSHIT OF TERRESOLE	7(1402040001	\$177,861
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$90,284 \$230,839
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$96,027
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$192,602 \$96,873
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$57,903
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$299,590
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$1,588,577 \$8,590
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$38,375
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$19,324 \$34,861
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$44,224
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$52,040 \$5,126
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$12,699
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$197,102 \$48,676
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				-\$5,307
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$46 -\$4,210
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$19,994
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$114,257 \$20,006
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$1,847
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$35,077 \$8,556
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$8,556 \$7,952
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$56,366 \$78,514
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$78,514 \$105,848
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070	99			\$77,981 \$66,043
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	99			\$63,458

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Column C					E. J
COORDITIES AND IN CONCENTED SCHOOL AND ENGINEERING CONCENTED AND ENG	Cluster Name/Program Title				
COMPUTE AND IN CORRECTION SOURCES, AND EXCREPANCE	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING			, <u>, , , , , , , , , , , , , , , , , , </u>	
COUNTY SEA AND PROPRIATION SCHOOL AND PROPRIETING 10.700 COUNTY SEA AND PROPRIATION SCHOOL AND PROPRIETING COUNTY SEA					
COMPUTE AND RECHARD MINISTERS STATES	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$61,792
1.000000000000000000000000000000000000					
SCHOOLSTEER AND REDOMATION SCHOOLSTEEN AND RESOURCEMENTS 1500					
COMPUTED AND RECORDATION SCHOOL AND ENGINEERING \$7.000 \$5.00					
COUNTINE AND NOTOMATON SIGNATE AND ENGINEERING #700 \$10,737 \$10,737 \$10,000					
CCEMPUTER AND INFORMATION SCIENCE AND ENGINEERING 4700 313,246 170	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$107,373
SCORPTIER AGO MOTOMATIONS SCIENCE AND ENVIRENMENT STATES STATES					
COMPUTE AND MONOMANDO SCIENCE AND ENGINEERING 47.070 18.13.14 18.13.1	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			
STATE COMPUTE AND INCHMANDES SCIENCE AND ENGINEERING 47.079					
SOUTH SOUT					
COMPUTER AND INFORMATION SIGNED AND PROJECTIONS 47 070 3510 219 3510					
COMPUTER AND INFORMATION SIGNED AND ENVINEERING 47 070 34.58.74 17					
COMPUTER AND INFORMATION SQUENCE AND ENGINEERING 47.070 32.252 32.2	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$32,586
COMPUTER AND INFORMATION SCIENCE AND ENGNEERING COORDINATER AND INFORMATION SCIENCE AND ENGNEERING COORDINAT					
COMPLIFE AND INFORMATION SCIENCE AND ENGREERING (1707) \$107.200 \$1					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND					
COMPUTER AND INFORMATION SCIENCE AND ENGREERING 27/070 \$32.770					
COMPUTER AND INFORMATION SCIENCE AND ENINEERING COMPUTER AND INFORMATION SCIEN	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$9,972
COMPUTER AND INFORMATION SCIENCE AND PINAMEERING COMPUTER AND INFORMATION SCIENCE AND					
COMPUTER AND INFORMATION SCIENCE AND ENINEERING COMPUTER AND INFORMATION SCIEN					
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COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S110,089 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S12,097 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S18,086 COMPUTER AND	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING				
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING AT 7070 \$375,000 \$376,000					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$115,068
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 7070 \$190,700 \$19					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S17.070 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S18.260 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 S18.200 COMPUTER AND	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING				
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COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$32,220 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$33,300 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$33,300 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$56,215 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$56,255 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$51,249 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$51,350 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$51,35					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$82.200 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$83.160 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$85.215 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$82.715 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$81.12.479 \$8					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 313.000 33.000 33.000 33.000 33.000 33.000 33.000 30.000 33.					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$5.200	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$83,169
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$20,215					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 53.150	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$56,215
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE CAND ENGINEERING COMPUTER CAND INFORMATION SCIENCE CAND ENGINEERING COMPUTER CAND INFORMATION SCIENCE CAND ENGINEERING COM					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$11.961 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$78.086 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$10.6779 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$122.199 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$122.199 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$122.199 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$34.735 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$34.475 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$34.475 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$34.3168 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$39.336 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$30.224 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$30.336 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$30.336 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$30.336 COMPUTER					
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COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 534,578 534,	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$17,359
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING					
COMPUTER AND INFORMATION SCIENCE AND ENSINEERING COMPUTER AND INFORMATION SCIENCE AN	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$43,168
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COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$85,700 \$173,270 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$173,270 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$131,149 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$131,149 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$111,355 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$111,355 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$111,355 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$401,648 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$41,648 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$11,8118 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$21,483 COMPUTER AND INFORMATION SCIENCE AND ENGINEER					
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COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE COMPUTER COMPUT					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$401.648	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$116,793
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER COMP					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE COMPUTER CO					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$50,000 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$64,419 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$90,170 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$90,170 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$67,126 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$18,836 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$38,416 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$31,258	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$21,483
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$64,419 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$64,448 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$90,170 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$67,126 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$18,836 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$38,416 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$31,258					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$99,170 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$67,126 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$18,836 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$38,416 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$31,258	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070			\$64,419
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$67,126 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$18,836 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$38,416 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$31,258					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$18,836 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$38,416 COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 \$31,258					
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING 47.070 100 \$31,258					
			100		
	COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070	100		\$628

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	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal
Cluster Name/Program Title COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	Number 47.070	Identification	Name	Identifying Number	Expenditures \$26,488
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$8,558
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$81,557 \$61,660
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$49,588
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$16,952 \$46,692
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$92,517 \$132,172
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$132,172 \$86,679
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$16,213 \$74,987
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$564,834
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$52,908 \$22,805
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$22,803 \$77,977
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$63,156 \$45,041
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$76,392
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$51,357 \$23,437
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$2,444
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$23,718 \$52,420
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$18,182
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$16,169 \$134,509
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$16,558
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$5,492 \$22,988
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$20,591
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$54,758
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$42,700 \$301,858
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$28,846
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$52,071 \$56,160
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$35,732
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$104,757 \$3,195
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070				\$8,769
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070				\$6,339 \$35,098
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		HARVEY MUDD COLLEGE	1314154401	\$5,928
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		PENNSYLVANIA STATE UNIVERSITY	4910SUNYNSF8669	\$101,207
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		COLLEGE OF NEW JERSEY (TCNJ) UNIVERSITY OF NORTH	F1495SUNYF 1348275	\$1,820
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		CAROLINA AT CHAPEL HILL	537214	\$110,055
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		NORTHEASTERN UNIVERSITY TRUSTEES OF INDIANA	50220178050	\$51,567
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY	PO1661434 BL-4848800 SUNY	\$148,270
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		CORNELL UNIVERSITY PURDUE UNIVERSITY	7622110548 410173753	\$255,194 \$30,593
COMPLITED AND INFORMATION COLENOE AND ENGINEEDING	47.070		REGENTS OF THE UNIVERSITY OF	100500504	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		MINNESOTA TRUSTEES OF INDIANA	A005220501	\$24,573
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070		UNIVERSITY	BL4812516SUNY	\$72,010
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING COMPUTER AND INFORMATION SCIENCE AND ENGINEERING	47.070 47.070		PURDUE UNIVERSITY UNIVERSITY OF TEXAS	410177352 1000001384	\$12,243 \$37,365
COMPLITED AND INFORMATION COLENOE AND ENGINEERING	47.070		VIRGINIA POLYTECHNIC	470500 40045	
COMPUTER AND INFORMATION SCIENCE AND ENGINEERING BIOLOGICAL SCIENCES	47.070 47.074		INSTITUTE AND STATE UNIV	479589-19245	\$77,237 \$207,438
BIOLOGICAL SCIENCES	47.074				\$161,652
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$196,677 \$79,965
BIOLOGICAL SCIENCES	47.074				\$142,154
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$4,681,911 \$137,477
BIOLOGICAL SCIENCES	47.074				\$112,960
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$704 \$53,273
BIOLOGICAL SCIENCES	47.074				\$372
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$87,355 -\$101
BIOLOGICAL SCIENCES	47.074				\$66,513
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$101,110 \$2,780
BIOLOGICAL SCIENCES	47.074				\$5,417
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$12,406 \$37,445
BIOLOGICAL SCIENCES	47.074				\$38,551
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$9,777 \$103,074
BIOLOGICAL SCIENCES	47.074				\$67,399
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$27,124 \$54,892
BIOLOGICAL SCIENCES	47.074				\$54,892 \$2,105
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$88,226 \$199,774
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074				\$199,774 \$270,512
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074				\$172,746
BIOLOGICAL SCIENCES	47.074 47.074				\$160,626 \$96,822
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074	40.	1		\$15,985 \$119,505
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074	10	1		\$119,505 \$21,395

Olasta Mara Parama Titl	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal
Cluster Name/Program Title BIOLOGICAL SCIENCES	Number 47.074	Identification	Name	Identifying Number	Expenditures \$4,158
BIOLOGICAL SCIENCES	47.074				\$48,962
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$5,382 \$66,292
BIOLOGICAL SCIENCES	47.074				\$2,220
BIOLOGICAL SCIENCES	47.074				\$1,307
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$53,215 \$35,258
BIOLOGICAL SCIENCES	47.074				\$56,985
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$4,107 \$99,571
BIOLOGICAL SCIENCES	47.074				\$180,201
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$153,893 \$165,918
BIOLOGICAL SCIENCES	47.074				\$56,381
BIOLOGICAL SCIENCES	47.074				\$19,498
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$46,597 \$87,768
BIOLOGICAL SCIENCES	47.074				\$105,454
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$239,191 \$115,340
BIOLOGICAL SCIENCES	47.074				\$1,113,199
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$83,030 \$28,492
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074				\$20,492 \$37,731
BIOLOGICAL SCIENCES	47.074				\$31,118
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$20,524 \$60,573
BIOLOGICAL SCIENCES	47.074				\$1,060
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$119,557 \$404,538
BIOLOGICAL SCIENCES	47.074				\$76,871
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074				\$36,725
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$8,466 \$61,640
BIOLOGICAL SCIENCES	47.074				\$7,597
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074				\$13,110 \$22,559
BIOLOGICAL SCIENCES	47.074				\$86,692
BIOLOGICAL SCIENCES	47.074		PENNSYLVANIA STATE		\$75
BIOLOGICAL SCIENCES	47.074		UNIVERSITY	4192-RFSUNY-NSF-2742	\$11,666
BIOLOGICAL SCIENCES	47.074		CHICAGO ZOOLOGICAL SOCIETY	DEB1146198	\$6,425
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF MISSOURI - ST LOUIS	000355351	\$9,248
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF TENNESSEE	A130200S001	\$720
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		UNIVERSITY OF ROCHESTER SYRACUSE UNIVERSITY	416079G 2645603378S01	\$7,847 \$1,519
BIOLOGICAL GOILINGLS	47.074		STRACOGE CHIVEROIT	2043003370001	ψ1,513
BIOLOGICAL SCIENCES	47.074 47.074		WASHINGTON STATE UNIVERSITY	118996 G003356	\$309,558 \$13,401
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF GEORGIA UNIVERSITY OF WYOMING	RR2728155054266 1002790ASUNYB	\$12,491 \$61,733
RIAL COLOUR COLEMON			CARY INSTITUTE OF ECOSYSTEM		
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		STUDIES STANFORD UNIVERSITY	3189/200201783 61230239118374	\$12,928 \$79,473
			CARY INSTITUTE OF ECOSYSTEM		
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		STUDIES FLORIDA ATLANTIC UNIVERSITY	3298 200201809 xR-K14	\$26,369 \$4,603
BIOLOGICAL GOILINGLS	47.074		TRUSTEES OF BOSTON	XIX-IXI4	\$4,003
BIOLOGICAL SCIENCES	47.074		UNIVERSITY	4500002091	\$26,116
BIOLOGICAL SCIENCES BIOLOGICAL SCIENCES	47.074 47.074		UNIVERSITY OF WYOMING UNIVERSITY OF FLORIDA	1003260ASUNYB P0016611 UFDSP00011384	\$12,398 \$612
BIOLOGICAL SCIENCES	47.074		UNIVERSITY OF GEORGIA	RR272671S001365	\$2,530
BIOLOGICAL SCIENCES	47.074		CARY INSTITUTE OF ECOSYSTEM STUDIES	3340 200201859	\$1,665
BIOLOGICAL SCIENCES	47.074		BOYCE THOMPSON INSTITUTE	17-01	\$18,513
BIOLOGICAL SCIENCES	47.074		HEALTH RESEARCH INC	558601	\$4,740
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$25,580 \$23,813
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$125,249
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$74,471 \$143,376
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$45,982
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$54,902 \$47,759
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$4,710
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$5,122
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$1,584 \$9,556
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$6,262
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$58 \$16,591
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$17,853
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$8,601 \$3
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				-\$157
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$20,075
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$27,812 \$1,735
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$3,334
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$88 \$107,750
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$18,469
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$2,801 \$21,706
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$14,170
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075	102	2		\$20,489
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$819

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$23
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$11,735 \$5,588
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$2,235
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$2,439
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$92,063 \$10,256
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$153,347
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$52,242
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$64,890 \$630
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$186,899
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$125 \$5,088
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$108,837
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$2,749
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$71,523 \$3,816
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$84,751
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$237,104 \$114,432
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$12,757
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$4,697
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$12,387 \$7,672
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$1,617
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$1,978
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$10,228 \$19,594
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$16,197
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$88,797 \$14,358
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$52,407
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075				\$18,912 \$28,408
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075				\$2,932
			UNIVERSITY OF CALIFORNIA AT	40004444 0115	
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075 47.075		SAN DIEGO UNIVERSITY OF CINCINNAT	10321141-SUB 008149/L13-4500067447	\$11,027 \$6,054
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		SYRACUSE UNIVERSITY	2821404124S03	\$25,571
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		ARIZONA STATE UNIVERSITY UNIVERSITY OF CALIFORNIA AT	16805	\$57,069
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		SANTA BARBARA	KK1636	\$34,495
SOCIAL, BEHAVIORAL, AND ECONOMIC SCIENCES	47.075		UNIVERSITY OF FLORIDA	UFDSP00011551	\$53,971
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$14,312 \$58,103
EDUCATION AND HUMAN RESOURCES	47.076				\$48,441
EDUCATION AND HUMAN RESOURCES	47.076				\$48,968
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$100,512 \$269,410
EDUCATION AND HUMAN RESOURCES	47.076				\$158,209
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$540,505 \$119,442
EDUCATION AND HUMAN RESOURCES	47.076				\$160,407
EDUCATION AND HUMAN RESOURCES	47.076				\$301,228
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$1,044,471 \$1,030,102
EDUCATION AND HUMAN RESOURCES	47.076				-\$7,885
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$43,898 \$116,599
EDUCATION AND HUMAN RESOURCES	47.076				\$5,516
EDUCATION AND HUMAN RESOURCES	47.076				\$10,773
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$34,894 \$27,858
EDUCATION AND HUMAN RESOURCES	47.076				\$87,500
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$224,937 \$92,884
EDUCATION AND HUMAN RESOURCES	47.076				\$161,129
EDUCATION AND HUMAN RESOURCES	47.076				\$11,025
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$15,044 \$70,218
EDUCATION AND HUMAN RESOURCES	47.076				\$214,711
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$147,985 \$10,899
EDUCATION AND HUMAN RESOURCES	47.076				\$82,650
EDUCATION AND HUMAN RESOURCES	47.076				\$637,441
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$104,509 \$27,874
EDUCATION AND HUMAN RESOURCES	47.076				\$25,608
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$29,173 \$110
EDUCATION AND HUMAN RESOURCES	47.076				\$121,913
EDUCATION AND HUMAN RESOURCES	47.076				\$127,543
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$121,551 \$33,707
EDUCATION AND HUMAN RESOURCES	47.076				\$229,045
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				-\$56,237 \$151,457
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076				\$151,457 \$209,572
EDUCATION AND HUMAN RESOURCES	47.076				\$114,345
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$84,399 \$156,883
EDUCATION AND HUMAN RESOURCES	47.076				\$161,212
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$21,051 \$14,712
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076				\$14,712 \$39,976
EDUCATION AND HUMAN RESOURCES	47.076	103	}		\$423,734
EDUCATION AND HUMAN RESOURCES	47.076				\$32,058

	Federal	Additional	Pass-Through	Pass-Through	
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity Identifying Number	Federal Expenditures
Cluster Name/Program Title EDUCATION AND HUMAN RESOURCES	47.076	identification	Name	identifying Number	\$164,569
EDUCATION AND HUMAN RESOURCES	47.076				\$39,219
EDUCATION AND HUMAN RESOURCES	47.076				\$36,406
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$64,161 \$65,947
EDUCATION AND HUMAN RESOURCES	47.076				\$30,674
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$275,494 \$122,637
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$122,637 \$134,972
EDUCATION AND HUMAN RESOURCES	47.076				\$19,151
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076				\$14,036
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$43,439 \$77,178
EDUCATION AND HUMAN RESOURCES	47.076				\$108,385
EDUCATION AND HUMAN RESOURCES	47.076				\$15,760
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076				\$24,363 \$19,826
EDUCATION AND HUMAN RESOURCES	47.076				\$15,496
EDUCATION AND HUMAN RESOURCES	47.076				\$16,732
EDUCATION AND HUMAN RESOURCES EDUCATION AND HUMAN RESOURCES	47.076 47.076		UNIVERSITY OF MARYLAND	Z415101	\$2,386 \$1,254
EDOOM NOW WE HOW WE NEED ON OLD	47.070		REGENTS OF THE UNIVERSITY OF	2410101	ψ1,20 1
EDUCATION AND HUMAN RESOURCES	47.076		COLORADO	1000399012	\$4,815
EDUCATION AND HUMAN RESOURCES	47.076		UNIVERSITY OF CHICAGO CALIFORNIA STATE UNIVERSITY	FP058222B	\$7,007
EDUCATION AND HUMAN RESOURCES	47.076		SAN BERNARDINO	GT14159	\$12,750
EDUCATION AND HUMAN RESOURCES	47.076		MICHIGAN STATE UNIVERSITY	RC105254BSU	\$6,563
EDUCATION AND HUMAN RESOURCES	47.076		KENNESAW STATE UNIVERSITY	431204SUNYSB01	\$19,403
EDUCATION AND HUMAN RESOURCES	47.076		VENTUREWELL THE RECTORS & VISITORS OF	NSF Award 1125457	\$54
EDUCATION AND HUMAN RESOURCES	47.076		THE UNIVERSITY OF VIRGINIA	GA11032151358	\$11,559
			AMERICAN EDUCATIONAL		, ,
EDUCATION AND HUMAN RESOURCES	47.076		RESEARCH ASSOCIATION NORTH CAROLINA	N/A	\$16,208
			AGRICULTURAL AND TECHNICAL		
EDUCATION AND HUMAN RESOURCES	47.076		STATE UNIVERSITY	260209B	\$17,123
EDUCATION AND HUMAN RESOURCES	47.076		MUSEUM OF SCIENCE BOSTON	N/A	\$1,187
EDUCATION AND HUMAN RESOURCES	47.076		PRESIDENT AND FELLOWS OF HARVARD COLLEGE	1360135101128	\$14.1E0
POLAR PROGRAMS	47.078		HARVARD COLLEGE	1360135101126	\$14,159 \$23,168
POLAR PROGRAMS	47.078				\$6,520
POLAR PROGRAMS	47.078				\$27,513
POLAR PROGRAMS OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.078 47.079				\$115,532 \$42,805
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079				\$501,805
			WILLIAM MARSH RICE		
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		UNIVERSITY MICHIGAN TECHNOLOGICAL	R3C75D	\$2,893
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		UNIVERSITY	1110090Z5 PO# P0090504	\$46,172
			VIRGINIA POLYTECHNIC		¥ ·•, · · =
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		INSTITUTE AND STATE UNIV	47947719B88	\$99,759
OFFICE OF INTERNATIONAL SCIENCE AND ENGINEERING	47.079		CRDF GLOBAL CONNECTICUT CENTER FOR	OISE16621340	\$23,878
			ADVANCED TECHNOLOGY		
SMALL BUSINESS ADMINISTRATION	59.000		INCORPORATED	12K031	\$11,425
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000				\$25,182
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000				\$35,256 \$698
VETERANS BENEFITS ADMINISTRATION	64.000				\$2,857
VETERANS BENEFITS ADMINISTRATION	64.000				\$36,660
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000				\$35,644 \$75,022
VETERANS BENEFITS ADMINISTRATION	64.000				\$17,040
VETERANS BENEFITS ADMINISTRATION	64.000				\$72,750
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000				\$20,005 \$65,018
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000				\$41,673
VETERANS BENEFITS ADMINISTRATION	64.000				\$50,141
VETERANS BENEFITS ADMINISTRATION	64.000				\$42,788
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000				\$32,100 \$10,718
VETERANS BENEFITS ADMINISTRATION	64.000				\$10,409
VETERANS BENEFITS ADMINISTRATION	64.000				\$14,074
VETERANS BENEFITS ADMINISTRATION VETERANS BENEFITS ADMINISTRATION	64.000 64.000				\$17,990 \$2,075
ENVIRONMENTAL PROTECTION AGENCY	66.000		AMEC FOSTER WHEELER	EPW15003	\$2,075 \$770
			NYS DEPARTMENT OF		****
END (IDOLINE) TAL EDOTE OT ON A SENSY			ENVIRONMENTAL		4
ENVIRONMENTAL PROTECTION AGENCY	66.000		CONSERVATION NYS DEPARTMENT OF	AMO9283	\$4,254
			ENVIRONMENTAL		
ENVIRONMENTAL PROTECTION AGENCY	66.000		CONSERVATION	AMO10009	\$35,946
			NYS DEPARTMENT OF		
ENVIRONMENTAL PROTECTION AGENCY	66.000		ENVIRONMENTAL CONSERVATION	AMO10010	\$65,820
ENVIRONMENTAL PROTECTION AGENCY ENVIRONMENTAL PROTECTION AGENCY	66.000		AMEC FOSTER WHEELER	EPW16015	\$65,820 \$3,395
LONG ISLAND SOUND PROGRAM	66.437		·		\$11,892
LONG ISLAND SOUND PROGRAM	66.437				\$160,629
NATIONAL ESTUARY PROGRAM REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.456 66.461				\$6,494 \$97
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461				\$97 \$53,180
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461				\$84,573
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS	66.461		ADIRONDACK PARK AGENCY	N/A	\$7,913 \$8,001
REGIONAL WETLAND PROGRAM DEVELOPMENT GRANTS GREAT LAKES PROGRAM	66.461 66.469		NATURESERVE	NY029FY17	\$8,001 \$78,781
GREAT LAKES PROGRAM	66.469		_		\$19,655
GREAT LAKES PROGRAM	66.469	10		375325742 PO CLKSN70630	\$7,404
GREAT LAKES PROGRAM	66.469		CLARKSON UNIVERSITY	375325741	\$18,377

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469	- Tuonuneation	CENTRAL MICHIGAN UNIVERSITY CORNELL UNIVERSITY	GL00E006120 6850010015	\$85,890
			DUCKS UNLIMITED		\$211,694
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469		INCORPORATED CLARKSON UNIVERSITY	USNY1702 10017901PO88281	\$27,863 \$29,556
GREAT LAKES PROGRAM GREAT LAKES PROGRAM	66.469 66.469		INDIANA UNIVERSITY CLARKSON UNIVERSITY	BL4339905SU	\$5,563 \$297,237
GREAT LAKES PROGRAM	66.469		CLARKSON UNIVERSITY	100621-2 PO# CLKSN-0000089722 PO89900	\$66,296
GREAT LAKES PROGRAM	66.469		CENTRAL MICHIGAN UNIVERSITY STATE UNIVERSITY OF NEW	F62951	\$96,662
GREAT LAKES PROGRAM	66.469		YORK	C001263	\$69,215
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509 66.509				\$173 \$115,438
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM	66.509 66.509		UNIVERSITY OF MICHIGAN	3003788506	\$469 -\$3,956
, ,			WATER ENVIRONMENT		
SCIENCE TO ACHIEVE RESULTS (STAR) RESEARCH PROGRAM P3 AWARD: NATIONAL STUDENT DESIGN COMPETITION FOR	66.509		RESEARCH FOUNDATION	STARWR3SG16	\$26,442
SUSTAINABILITY	66.516		NYS DEPARTMENT OF		\$39,338
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR	00 000		ENVIRONMENTAL	AM00757	00.404
THE INSULAR AREAS - PROGRAM SUPPORT	66.600		CONSERVATION NYS DEPARTMENT OF	AM09757	\$6,104
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600		ENVIRONMENTAL CONSERVATION	AM09757	\$134.127
	00.000		NYS DEPARTMENT OF	ANIOSTST	\$134,127
ENVIRONMENTAL PROTECTION CONSOLIDATED GRANTS FOR THE INSULAR AREAS - PROGRAM SUPPORT	66.600		ENVIRONMENTAL CONSERVATION	AM09757	\$1,490
			NYS DEPARTMENT OF		**,
PERFORMANCE PARTNERSHIP GRANTS	66.605		ENVIRONMENTAL CONSERVATION	AM09358	\$61,465
ENVIRONMENTAL EDUCATION GRANTS DEPARTMENT OF ENERGY	66.951 81.000		SYRACUSE UNIVERSITY	2822004178S01	\$2,012 \$879,795
DEPARTMENT OF ENERGY	81.000				\$276,374
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000				\$5,059 \$200,283
DEPARTMENT OF ENERGY	81.000		REGENTS OF THE UNIVERSITY OF		\$10,136
DEPARTMENT OF ENERGY	81.000		CALIFORNIA	6978802	\$84,627
			REGENTS UNIVERSITY OF CALIFORNIA, LAWRENCE		
DEPARTMENT OF ENERGY	81.000		BERKELEY	7063673	\$21,889
DEPARTMENT OF ENERGY	81.000		BECHTEL MARINE PROPULSION CORPORATION	7015811	\$117,106
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	00147069	\$69,617
DEPARTMENT OF ENERGY	81.000		NATIONAL RENEWABLE ENERGY LABORATORY	ZEJ-5-42250-01	\$29,675
			LOS ALAMOS NATIONAL		
DEPARTMENT OF ENERGY	81.000		SECURITY LLC	308122	\$37,070
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES ENVIRO COMPLIANCE	TOA-312 - File 3091.02	\$400
DEPARTMENT OF ENERGY	81.000		SOLUTIONS INCORPORATED	NA	\$143,313
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	166509	\$62,295
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES SANDIA NATIONAL	TOA-326 File: 3118.00	\$11,566
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		LABORATORIES UT BATTELLE LLC	1616890 4000145493	\$17,869
			PACIFIC NORTHWEST NATIONAL		\$16,121
DEPARTMENT OF ENERGY	81.000		LABORATORY	291171	\$31,067
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC	171009	\$20,546
DEPARTMENT OF ENERGY	81.000		BATTELLE ENERGY ALLIANCE LLC SANDIA NATIONAL	171087	\$151,550
DEPARTMENT OF ENERGY	81.000		LABORATORIES	1653754	\$29,643
DEPARTMENT OF ENERGY	81.000		SAGE ENGINEERING ASSOCIATES	TAO-313 KSO File 3072.01	\$5,260
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		SAGE ENGINEERING ASSOCIATES UT BATTELLE LLC	IV 307 10 File 3108.02 4000151496	\$890 \$30,119
DEPARTMENT OF ENERGY	81.000		PACIFIC NORTHWEST NATIONAL LABORATORY	325820	\$24,669
			LOS ALAMOS NATIONAL		
DEPARTMENT OF ENERGY DEPARTMENT OF ENERGY	81.000 81.000		SECURITY LLC UT BATTELLE LLC	421987 4000152739	\$4,006 \$22,277
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$281,279
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$44,762 \$20,982
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$42,630
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$136,220 \$133,867
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$162,792
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$298,793 \$1,795,287
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$3,097,773
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$306,413 \$341,840
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$341,849 \$316,663
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$935,194
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$782,678 \$61,330
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	105			\$309,113
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049	100			\$99,053 \$92,091

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal
Cluster Name/Program Title OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	Number 81.049	Identification	Name	Identifying Number	Expenditures \$68,421
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$44,365
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$135,256 \$133,583
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$122,582 -\$1,291
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$114,895
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$15,500 \$286
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$113,420
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$737,379 \$3,466
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$877
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$106,361
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$153,140 \$24,586
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				-\$423
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$384,095 \$135,843
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$137,311
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$37,109
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$88,586 \$25,996
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$98,154
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$92,191 \$120,657
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$7,877
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049				\$3,098
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049				\$1,135 \$99,953
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		AEGIS TECHNOLOGY	Agreement 09061228	-\$10
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROCRAM	94 040		BROOKHAVEN SCIENCE	200024	¢42 E20
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		ASSOCIATES LLC BATTELLE	200934 174303	\$43,529 \$6
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BATTELLE ENERGY ALLIANCE LLC	00129362	-\$8
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM			BROOKHAVEN SCIENCE		
	81.049		ASSOCIATES LLC SYDOR INSTRUMENTS LIMITED	241375	\$14,772
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		LIABILITY CORPORATION CENTRAL MICHIGAN UNIVERSITY	Sydor Subaward Agreement 621191	\$930 \$1,443
OTTION OF COLUMN WORK ACCOUNTS AND A THOUSAND	01.040		BROOKHAVEN SCIENCE	Subawara Agreement 021101	ψ1,440
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	255667	\$39,205
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC RESERVOIR LABS	263414	\$3,884
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		INCORPORATED BROOKHAVEN SCIENCE	DESC00009678 ReservoirPUMA	\$3,321
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	278191	\$11,177
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		ASSOCIATES LLC UT BATTELLE LLC	281703 4000137360	\$77,677 -\$338
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		SANDIA NATIONAL LABORATORIES	1577660	\$146,025
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	295445	\$22,002
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BATTELLE	264226	\$83,085
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		HOFSTRA UNIVERSITY SYDOR INSTRUMENTS LIMITED	DESC0001985	\$17,420
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		LIABILITY CORPORATION	Sydor	-\$1,336
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UNIVERSITY OF WASHINGTON SENTIENT SCIENCE	BPO10955	\$236,548
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		CORPORATION	N/A	\$136
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		AERODYNE RESEARCH INCORPORATED	ARI111251	\$300,940
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT BATTELLE LLC BROOKHAVEN SCIENCE	4000144555	\$1,318
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC PACIFIC NORTHWEST NATIONAL	300438	\$4,562
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		LABORATORY	283195	\$39,869
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		LOS ALAMOS NATIONAL SECURITY LLC	367958	\$265,273
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	308451	\$121,315
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	309765	\$59,583
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	314035	\$38,175
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		PHYSICAL OPTICS CORPORATION	DE-SC0015190	\$24,998
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	314410	\$125,803
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		BROOKHAVEN SCIENCE ASSOCIATES LLC	311361	\$131,661
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		CENTRAL MICHIGAN UNIVERSITY	F62988	\$93,497
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT BATTELLE LLC	4000148410	\$14,324
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		UT BATTELLE LLC UNIVERSITY OF CALIFORNIA AT	4000148409	\$83,863
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		DAVIS UNIVERSITY OF ILLINOIS URBANA	201603457-03	\$86,947
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		CHAMPAIGN BROOKHAVEN SCIENCE	00103516153	\$81,861
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC BROOKHAVEN SCIENCE	318120	\$124,719
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049		ASSOCIATES LLC TRUSTEES OF COLUMBIA	319443	\$11,604
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049	106	UNIVERSITY IN THE CITY OF NEW YORK	G11590	\$44,257
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Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
· · · · · · · · · · · · · · · · · · ·			PENNSYLVANIA STATE		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		UNIVERSITY JEFFERSON SCIENCE ASSOCIATES LLC	5490SUNYSBDOE1090 17P0288	\$4,116
	81.049		SYDOR INSTRUMENTS LIMITED		\$12,130
OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM OFFICE OF SCIENCE FINANCIAL ASSISTANCE PROGRAM	81.049 81.049		LIABILITY CORPORATION HELIOS-NRG LLC	DE-SC0007482 DESC0017077SUNYAB	\$9,731 \$6,959
REGIONAL BIOMASS ENERGY PROGRAMS	81.079		SOUTH DAKOTA STATE UNIVERSITY SOUTH DAKOTA STATE	3TD155	\$19,100
REGIONAL BIOMASS ENERGY PROGRAMS	81.079		UNIVERSITY	3TM676	\$409
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086				\$390,104 \$324,082
CONSERVATION RESEARCH AND DEVELOPMENT	81.086				\$138,800
CONSERVATION RESEARCH AND DEVELOPMENT CONSERVATION RESEARCH AND DEVELOPMENT	81.086 81.086		UNIVERSITY OF FLORIDA REGENTS UNIVERSITY OF	UFDSP00010466/00115348	\$168,269 -\$31
CONSERVATION RESEARCH AND DEVELOPMENT	81.086		CALIFORNIA, LAWRENCE BERKELEY	7239672	\$11,700
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				\$391,636
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087				\$34,728 \$196,852
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087				\$2,559,158
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087 81.087				-\$1,292 \$39,975
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		PACE UNIVERSITY	N/A	\$34,302
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT	81.087		GINER INC CONSORTIUM FOR RESEARCH ON RENEWABLE INDUSTRIAL	DEEE0006960	\$159,459
RENEWABLE ENERGY RESEARCH AND DEVELOPMENT FOSSIL ENERGY RESEARCH AND DEVELOPMENT	81.087 81.089		MATERIALS (CORRIM)	1018	\$17,097 \$436,718
5000U 5U500V 5555150U 1U5 55V5U 65V5U			GENERAL ELECTRIC GLOBAL	40.40=4000	,,
FOSSIL ENERGY RESEARCH AND DEVELOPMENT STEWARDSHIP SCIENCE GRANT PROGRAM	81.089 81.112		RESEARCH	401071968	\$32,039 \$24,750
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112		CARNEGIE INSTITUTION OF		\$281,500
STEWARDSHIP SCIENCE GRANT PROGRAM	81.112		WASHINGTON	41046922	\$49,607
STEWARDSHIP SCIENCE GRANT PROGRAM NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND	81.112		UNIVERSITY OF ROCHESTER	416231G	\$450,744
DEMONSTRATION NUCLEAR ENERGY RESEARCH, DEVELOPMENT AND	81.121		PURDUE UNIVERSITY LAWRENCE LIVERMORE	410564826	\$91,120
DEMONSTRATION	81.121		NATIONAL LABORATORY BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR	DE-AC52-07NA27344	\$31,582
PREDICTIVE SCIENCE ACADEMIC ALLIANCE PROGRAM	81.124		UNIVERSITY	60541887107908	\$57,481
ADVANCED RESEARCH PROJECTS AGENCY - ENERGY ADVANCED RESEARCH PROJECTS AGENCY - ENERGY FUND FOR THE IMPROVEMENT OF POSTSECONDARY	81.135 81.135				\$303,896 \$389,797
EDUCATION NATIONAL INSTITUTE ON DISABILITY AND REHABILITATION	84.116		EXCELSIOR COLLEGE LUNA INNOVATIONS	P116F150077	\$111,025
RESEARCH	84.133		INCORPORATED	2998ARM2SSUNY	\$19,895
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.217 84.305				\$251,669 \$75,491
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH. DEVELOPMENT AND DISSEMINATION	84.305 84.305				\$319,863 \$472,211
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		OREGON STATE UNIVERSITY	ED162AB	\$19,072
EDUCATION RESEARCH, DEVELOPMENT AND DISSEMINATION	84.305		KATHOLIEKE UNIVERSITEIT LEUVEN	R305D15000703	\$21,819
RESEARCH IN SPECIAL EDUCATION	84.324		EEGVEN	110002 10000100	\$189,330
RESEARCH IN SPECIAL EDUCATION RESEARCH IN SPECIAL EDUCATION	84.324 84.324		UNIVERSITY OF CONNECTICUT	PO# 5009/KFS#5258180	\$13,478 \$342
RESEARCH IN SPECIAL EDUCATION	84.324		CANISIUS COLLEGE	N/A	\$115,956
SPECIAL EDUCATION - PERSONNEL DEVELOPMENT TO IMPROVE SERVICES AND RESULTS FOR CHILDREN WITH DISABILITIES	84.325				\$69,473
SMITHSONIAN INSTITUTION FELLOWSHIP PROGRAM	85.601				\$10,029
NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS NATIONAL HISTORICAL PUBLICATIONS AND RECORDS GRANTS	89.003 89.003				\$8,698 \$46,423
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000				\$66,712
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000				\$1,354,734 \$1,495,926
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000				\$36,025
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000				\$11,479 \$138,105
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000				\$78,590
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000				\$472,433 \$49,882
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		UNIVERSITY OF SOUTH FLORIDA BRIGHAM AND WOMENS	PO0000232754	\$34,384
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		HOSPITAL TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF	CALGB ID 323 Site NY141	\$5,369
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		HIGHER EDUCATION CHILDREN'S HOSPITAL OF	3101070577502	\$754
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		PHILADELPHIA	N/A	\$1,600
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		MASSACHUSETTS GENERAL HOSPITAL ABT ASSOCIATES	NN101Y3Q4	\$2,576
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		INCORPORATED TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	42385	\$1,367
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000		YORK UNIVERSITY OF SOUTH FLORIDA	R01HL117832 1U01DK61055	\$17,360 \$16,286
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000	107	REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	8890sc	\$98,317

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA	U24AG052175/PO Colum0000081347	\$15,009
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		UNIVERSITY IN THE CITY OF NEW YORK	R01HL128310/ COLUM92058	\$29,988
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		P2 COLLABORATIVE OF WNY INCORPORATED	NA	\$35,159
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		NRG ONCOLOGY FOUNDATION INC TRUSTEES OF COLUMBIA	N/A	\$7,103
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		UNIVERSITY IN THE CITY OF NEW YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	R01HL128497/PO Colum0000088535	\$29,940
DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000		YORK TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	R01HL132347 COLUM0000092058	\$35,382
DEPARTMENT OF HEALTH AND HUMAN SERVICES DEPARTMENT OF HEALTH AND HUMAN SERVICES	93.000 93.000		YORK OHIO STATE UNIVERSITY	R01HL134985/colum-0000088534 TBD	\$14,252 \$8,348
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		OTHO STATE UNIVERSITY	100	\$210
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		HEALTH RESEARCH INC	147-03	\$70,235
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		WEILL MEDICAL COLLEGE OF CORNELL UNIVERSITY	15071086 -5P20HL113443-04	\$89,898
FAMILY SMOKING PREVENTION AND TOBACCO CONTROL ACT REGULATORY RESEARCH	93.077		AMERICAN HEART ASSOCIATION INCORPORATED	FXATRACSB04	\$36,032
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		RETREAT INCORPORATED	90FK0104	\$75,316
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		CENTER FOR POLICY RESEARCH	360985-CPR	\$29.996
HEALTHY MARRIAGE PROMOTION AND RESPONSIBLE FATHERHOOD GRANTS	93.086		RETREAT INCORPORATED	90FK0104	\$65,906
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT NON CONSTRUCTION					\$64,082
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT NON CONSTRUCTION					\$6,034
HHS PROGRAMS FOR DISASTER RELIEF APPROPRIATIONS ACT NON CONSTRUCTION					\$137,840
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5102393	\$6,374
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		APPLIED RESEARCH ASSOCIATES INCORPORATED	PO17-00026	\$1,663
FOOD AND DRUG ADMINISTRATION_RESEARCH	93.103		UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	5105900	\$35,238
COMPREHENSIVE COMMUNITY MENTAL HEALTH SERVICES FOR			COORDINATED CARE SERVICES		
CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCES (SED) MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.104		INC MOUNT SINAI SCHOOL OF	N/A	\$70,329
PROGRAMS MATERNAL AND CHILD HEALTH FEDERAL CONSOLIDATED	93.110		MEDICINE ARKANSAS CHILDRENS	025365454609	\$20,239
PROGRAMS ENVIRONMENTAL HEALTH	93.110 93.113		HOSPITAL RESEARCH INSTITUTE	034273	\$7,284 \$287,135
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$50,599 \$61,820
ENVIRONMENTAL HEALTH	93.113		SYRACUSE UNIVERSITY	SP25865403819S01	\$56,692
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$216,749 \$163,962
ENVIRONMENTAL HEALTH	93.113				\$412,590
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$823,488 \$13,363
ENVIRONMENTAL HEALTH	93.113				\$2,109
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$8,764
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113				-\$5,087 -\$135,527
ENVIRONMENTAL HEALTH	93.113				\$117,250
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$431,352 \$5,320
ENVIRONMENTAL HEALTH	93.113				\$47,306
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113				\$175,223 \$103,115
ENVIRONMENTAL HEALTH	93.113				\$115,037
ENVIRONMENTAL HEALTH	93.113 93.113		UNIVERSITY OF IOWA	1001555362	\$21,919 \$172,013
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113		SYRACUSE UNIVERSITY	SP25865103330S02	\$172,913 \$16,440
ENVIRONMENTAL HEALTH ENVIRONMENTAL HEALTH	93.113 93.113		UNIVERSITY OF WASHINGTON ATHGHIN BIOTECHNOLOGY INCORPORATED	N/A N/A	\$97,510 \$12,251
ENVIRONMENTAL HEALTH	93.113		REGENTS OF THE UNIVERSITY OF MINNESOTA	P005170802	\$71,715
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				-\$58 \$2,666
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$750,875
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$304,345
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				\$336,875 \$91,875
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$23,350
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				\$2,550 \$10,668
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$10,668 \$128,386
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$139,473
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121				\$98,086 \$13,079
ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$13,079 \$29,842
ORAL DISEASES AND DISORDERS RESEARCH	93.121	108			\$320,223
ORAL DISEASES AND DISORDERS RESEARCH ORAL DISEASES AND DISORDERS RESEARCH	93.121 93.121	100			\$85,076 \$151,141

MAIN DESCRIPTION	Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
Section						
DOBS_DESCRIPTION DESCRIPTION SERVICE						
ORAL DISARSS AND DESCRIPTION SERVICES 1916 19	ORAL DISEASES AND DISORDERS RESEARCH	93.121				\$284,346
GABAL DIRECTION DISCRIPTION DESCRIPTION 93 TZ CONTROLLED THE MUNICIPAL PROPERTY 1510-1511 15						
GRALD DELAKES AND DEDOCROES RESEARCH						
CHALL DESARSE AND DESCREERS RESEARCH 13.17						
ORAL DISASSES AND DISORDERS RESEARCH GAL DISASS				FORSYTH INSTITUTE	21127UBUFF2335	
MAIN DEPASES AND DEPOSEDS RESEARCH 13.19						
CAAL DEGASES AND DISCORDERS RESEARCH S121	ORAL DISEASES AND DISORDERS RESEARCH	93.121			0039118	\$86,994
DRAIL DISCARSES AND DISCORDERS RESEARCH ORAL DISCARSES RESEARCH ORAL DISCARSES AND DISCORDERS RESEARCH ORAL DISCARSES RESEARCH ORAL DISCARSES AND DISCORDERS RESEA				MINNESOTA		
DRAL DISABLES AND DISOURCERS RESEARCH 93.121 UNIVERSITY OF CONNECTIOUT OCCURRENTINGS 9.63.07 (0.00085) 1.23.53 (0.00085)				NEW YORK UNIVERSITY WEST VIRGINIA UNIV. RESEARCH		
DRAL DIEASES AND DISORDERS RESEARCH 93.121						
ORAL DIEASES AND DISONDERS RESEARCH 93.121 CANCELLAND THE PROPERTY OF THE PROP	ORAL DISEASES AND DISORDERS RESEARCH	93.121		UNIVERSITY OF UTAH TRAVERSE BIOSCIENCES	10036053	\$23,353
DRAL DISEASES AND DISORDERS RESEARCH 93.121 UNIVERSITY OF NORTH 1 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$175.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 5109286 \$187.061 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 510928 \$187.071 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 510928 \$187.071 ORAL DISEASES AND DISORDERS RESEARCH 93.121 CARGUNA TO FAPEL HILL 510928 \$187.071 TARING 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS RESEARCH 98.121 CARGUNA TO FAPEL HILL 510928 \$187.072 ORAL DISEASES AND DISORDERS AND COMMANICATION 93.172 ORAL DISEASES AND	ORAL DISEASES AND DISORDERS RESEARCH	93.121		GLYCOMIRA THERAPEUTICS UNIVERSITY OF NORTH	5R44DE022216	\$115,301
ORAL DISCASES AND DISCORDERS RESEARCH 93.121 CANCIUNA AT CHAPEL HILL 510546 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.0000 \$110.000				CURE INNOVATIONS, LLC		
DAAL DISEASES AND DISORDERS RESEARCH 93.121	ORAL DISEASES AND DISORDERS RESEARCH	93.121		CAROLINA AT CHAPEL HILL	5105424	\$310,206
ORAL DISCASES AND DISORDERS RESEARCH 93.121 OR SSEQUEL THE NUTVERSITY OF MISSOURI PLANES CONSISTED AND DISORDERS RESEARCH 93.121 OR CREATED TO SECRET PLANES CONSISTED AND DISORDERS RESEARCH 93.121 PLANES CONSISTED AND DISORDERS RESEARCH PACKED ON THE WINTER CONSISTED AND DISORDERS CONSISTED AND DISORDERS CONSISTED AND PACKED AND PACKE	ORAL DISEASES AND DISORDERS RESEARCH	93.121		CAROLINA AT CHAPEL HILL	5105286	\$176,061
DAAL DISSASSES AND DISSORDERS RESEARCH 93-121 INVESTIGATION OF THE PROPERTY OF UTABLE STATES	ORAL DISEASES AND DISORDERS RESEARCH	93.121		CAROLINA AT CHAPEL HILL	5106173	\$24,887
TRAVERSE BIOSCIPICIDES TRAVERSE BIOSCIPICI				OF MISSOURI		
GRANTS TO INCREASE GRIGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREASE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREASE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREASE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS 53.134 N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS CREATE ORGAN DOMATIONS MASTER WORKER HEALTH AND SAFETY TRAINING MISH MAZARDOUS WASTE WORKER HEALTH AND SAFETY SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATIONS CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DATE ORGAN DOMATION SANING N. S. 1.535 (CARTS TO INCREASE CREATE ORGAN DATE ORGAN	ORAL DISEASES AND DISORDERS RESEARCH	93.121			10041969	\$40,500
GRANTS TO INCREASE CRIGAN DOMATIONS				INCORPORATED	TRB-N0224	
SAME STO INCREASE ORGAN DONATIONS \$310.995 \$10.995						
NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY 17ANING MENS MAZREOUS WASTE WORKER HEALTH AND SAFETY 1842 1476 1676 1876 1876 1876 1876 1876 1876 18						
NEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING NEED ARACARDOUS WASTE WORKER HEALTH AND SAFETY STANDARD NEED ARACARDOUS WASTE WORKER HEALTH AND SAFETY STANDARD ARACARDOUS WASTE WORKER HEALTH AND SAFETY STANDARD ARACARDOUS SUBSTANCES, BASIC RESEARCH AND EDUCATION SUBSTANCES, BASIC RESEARCH AND EDUCATION SUBSTANCES, BASIC RESEARCH AND EDUCATION SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC RESEARCH AND EDUCATION SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC SUPERIUM HAZARDOUS SUBSTANCES, BASIC STANDARD SUBSTANCES, BASIC SUPERIUM HAZARDOUS SUBSTANCES, BASIC SUPERIUM HAZA	NIEHS HAZARDOUS WASTE WORKER HEALTH AND SAFETY					
NEISH AFZARDOUS WASTE WORKER HEALTH AND SAFETY INEINS MICROS WASTE WORKER HEALTH AND SAFETY INEINS SUPPRIVINO HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION INEINS SUPPRIVINO HAZARDOUS SUBSTANCES BASIC RESEARCH FELATED TO DEARNES AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEARNESS AND COMMUNICATION DISORDERS		93.142		RUTGERS UNIVERSITY	8209 / PO P0814421	\$109
NEISH ALZARDOUS WASTE WORKER HEALTH AND SAFETY TRAINING NIEHS SUPERFRUND HAZARDOUS SUBSTANCES_BASIC RESEARCH AND EDUCATION NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC RESEARCH BAIL DE CHINICAL ASSISTANCE NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASIC NIEHS SUPERFRUND HAZARDOUS SUBSTANCES BASI		93.142		RUTGERS UNIVERSITY	8209 / PO P0814508	\$14,760
NEHS SUPERFUND HAZARDOUS SUBSTANCES_BASIC 93.143 DARTMOUTH COLLEGE R155 \$55.526 RESEARCH AND EDUCATION 93.145 COLUMBIA UNIVERSITY 11GG01189701 \$7.972 HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE 93.146 COLUMBIA UNIVERSITY 11GG01189701 \$7.972 HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE 93.145 COLUMBIA UNIVERSITY 3GG01189702 SAPO-G11263 \$166.452 COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY 3GG01189702 SAPO-G11263 \$166.452 COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY GROTILIS PROVIDED SAPO-G11263 \$166.452 COLUMBIA UNIVERSITY GROTILIS PROVIDED		93.142		RUTGERS UNIVERSITY	8284PO440685	\$45,285
NEHS SUPERFUND HAZARDOUS SUBSTANCES, BASIC SESSARCH NOR DEUCATION SSS,528 SESSARCH NOR DEUCATION SSS,528 SSS,528 SSS,528 SSS,528 SSS,628		93.142		RUTGERS UNIVERSITY	8284/PO440684	\$17,791
RESEARCH AND EDUCATION 93.143 DARTMOUTH COLLEGE R155 \$55.26 NINERS SUPERTYUDH HAZARDOUS SUBSTANCE 93.145 DARTMOUTH COLLEGE R156 \$2.23		93.143		DARTMOUTH COLLEGE	R155	\$0
RESEARCH AND EDUCATION 93.143 DARTMOUTH COLLEGE R155 \$2.29 HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE 93.145 COLUMBIA UNIVERSITY 3GG01189702 \$APO-G11263 \$7.972 HIV-RELATED TRAINING AND TECHNICAL ASSISTANCE 93.145 COLUMBIA UNIVERSITY 3GG01189702 \$APO-G11263 \$166.452 COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH 93.153 WESTAT CORPORATION HHSN275201300003C \$2.322 COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH 93.172 WESTAT CORPORATION HHSN275201300003C \$2.328 COORDINATED SERVICES AND ACCESS TO RESEARCH 93.172 WESTAT CORPORATION HHSN275201300003C \$2.328 COORDINATED SERVICES AND ACCESS TO RESEARCH 93.172 WESTAT CORPORATION HHSN275201300003C \$2.328 LUMAN GENOME RESEARCH 93.172 WESTAT CORPORATION HHSN275201300003C \$2.208 LUMAN GENOME RESEARCH 93.172 WESTAT CORPORATION H12HA24856 \$2.208 LUMAN GENOME RESEARCH 93.173 \$3.173 \$3.73 \$3.75 \$3.75 \$3.75 \$3.75 \$3.75	RESEARCH AND EDUCATION	93.143		DARTMOUTH COLLEGE	R155	\$55,526
HIV.RELATED TRAINING AND TECHNICAL ASSISTANCE COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH SISS AND COMMUNICATION DISORDERS ARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND C	RESEARCH AND EDUCATION					
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN. INFANTS. CHILDREN, AND YOUTH 93.153 WESTAT CORPORATION HHSN275201300003C 52.322 COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN. INFANTS. CHILDREN, AND YOUTH 93.153 WESTAT CORPORATION HHSN275201300003C 554,268 COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN. INFANTS. CHILDREN, AND YOUTH 93.153 ERIE COUNTY MEDICAL CENTER H12H24856 \$4.00 \$8.256 HUMAN GENOME RESEARCH 93.172 \$3.173 \$						
COORDINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INATNIS, CHILDREN, NADY OVITH WOMEN, WOMEN, INATNIS, CHILDREN, NADY OVITH WOMEN RESEARCH WOMEN, INATNIS, CHILDREN, NADY OVITH WOMEN,	COORDINATED SERVICES AND ACCESS TO RESEARCH FOR					
CODRINATED SERVICES AND ACCESS TO RESEARCH FOR WOMEN, INFANTS, CHILDREN, AND YOUTH 93.153 ERIE COUNTY MEDICAL CENTER #12Ha24856 \$ 400 Moments (Managements) WOMEN, INFANTS, CHILDREN, AND YOUTH 93.172 \$ 3384,991 \$ 3384,991 \$ 3384,991 \$ 3384,991 \$ 3384,991 \$ 3384,991 \$ 3384,991 \$ 199.002 \$ 3384,991 \$ 199.002 \$ 200,6177 \$ 199.002 \$ 1		93.153		WESTAT CORPORATION	HHSN275201300003C	\$2,322
HUMAN GENOME RESEARCH		93.153		WESTAT CORPORATION	HHSN275201300003C	\$54,268
HUMAN GENOME RESEARCH 93.172 \$384.991 HUMAN GENOME RESEARCH 93.172 \$188.022 HUMAN GENOME RESEARCH 93.172 \$206.177				ERIE COUNTY MEDICAL CENTER	H12HA24856	
HUMAN GENOME RESEARCH 93.172 \$198.022 \$206.177 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESE						
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	HUMAN GENOME RESEARCH	93.172				\$198,022
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO		93.172				\$206,177
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	RESEARCH RELATED TO DEAFNESS AND COMMUNICATION					
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	RESEARCH RELATED TO DEAFNESS AND COMMUNICATION					
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO		93.173				\$21,750
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS P3.173 S1.73 S1		93.173				\$11,447
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO		93.173				\$114,876
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS P3.173 S173 S61,483 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS P3.173 S6,938 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS P3.173 S6,938 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS P3.173 S6,1411 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION P3.173 RESEARCH RELATED T		93.173				\$330,137
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION		93.173				\$316,760
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109 109 109 109 109 109	DISORDERS	93.173				\$357,046
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109 109 109 109 109 109 109 10	DISORDERS	93.173				\$71,995
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109 109	DISORDERS	93.173				\$61,483
DISORDERS 93.173 \$6,938 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS 93.173 \$6,141 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS 93.173 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109	DISORDERS	93.173				\$3,872
DISORDERS 93.173 \$6,141 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109 \$32,260	DISORDERS	93.173				\$6,938
DISORDERS 93.173 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION 109 \$32,260	DISORDERS	93.173				\$6,141
RESERVOT RELATED TO BEAUTESO AND COMMONION TON	DISORDERS	93.173	10	9		\$32,260
		93.173				\$305,621

Collect Name Program Title	Federal enditures
BESEARCH RELATED TO DEAPHESS AND COMMANICATION DISCREDENT SERVICE AND SERVICE	enunures
DISCORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S173 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S174 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S175 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S175 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S176 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S177 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S177 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION S177 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION SESSEARCH RE	\$127,131
DISCIPLED RELATED TO DEATNESS AND COMMUNICATION RESEARCH SELATED TO DEATNESS AND COMMUNICATION DISCIPLENT DISC	\$127,806
BIORDERS RESEARCH RELATED TO DEATNESS AND COMMUNICATION RESEARCH RELATED	\$146,242
DISCORDERS RESEARCH FELATED TO DEATNESS AND COMMUNICATION RESEARCH SELATED TO DEATNESS AND COMMUNICATION DISCORDERS RESEARCH SELATED TO DEATNESS AND COMMUNICATION DI	\$52,865
RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISO	\$10,698
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	\$412,451
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELAT	\$171,757
DISORDERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDERS DISORDERS DISORDERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO D	\$75,168
DISONDERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISONDERS RESEARCH RELATED TO DEAPNESS AND COMMUNIC	\$329,006
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNIC	\$385,914
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNIC	\$60,207
RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDRERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDRERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 RESEARCH RELATED TO DEAPNESS AND COMMUNICATION DISORDRERS RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.173 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.174 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.175 MICROTRANSPONDER MITTOR RESEARCH RELATED TO DEAPNESS AND COMMUNICATION 93.176 MICROTRANSPONDER MITTOR RESEARCH MITTOR RESEARCH AND TRAINING MICROTRANSPONDER MEDICINE MITTOR RESEARCH AND TRAINING MICROTRANSPONDER MEDICINE M	\$304,644
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISO	\$148,699
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS DISORDE	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH CONTACT AND TRAINING IN COMPLEMENTARY AND RES	\$294,710
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH	\$55,431
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS DISABILITIES PREVENTION DISORDERS DIS	\$29,330
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS DISABILITIES PREVENTION RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH CON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH CON HEALTHCARE COSTS	\$344,806
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH ON HEALTHED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH SEARCH AND TRAINING IN COMPLEMENTARY AND DISORDERS RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 33.226 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALI	\$27,936
DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION REDEARCH RELATED TO DEAFNESS AND COMMUNICATION REDEARCH RELATED TO DEAFNESS AND COMMUNICATION REDEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH RESEARCH AND TRAINING IN COMPLEMENTARY AND RESEARCH RESEARCH AND TRAINING IN COMPLEMENTARY AND DUTCOMES RESEARCH AND TRAINING IN COMPLEMENTARY AND DUTCOMES RESEARCH RE	\$64,659
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS RESE	\$15,598
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS NO DEAFNESS AND COMMUNICATION DISORDERS RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS DIAGRAM RESEARCH RELATED TO DEAFNESS AND COMMUNICATION P3.173 DUKE UNIVERSITY DE TORDIA UFDSPO010788 RESEARCH RELATED TO DEAFNESS AND COMMUNICATION P3.184 DUKE UNIVERSITY DISORDERS DIAGRAM RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH COSTS, QUALITY AND OUTCOMES P3.226 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES P3.226 RESEARCH COS	\$19,835
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS AND COMMUNICATION DI	
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS 93.173 UNIVERSITY OF FLORIDA UFDSP00010788 PASSEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS 93.173 DUKE UNIVERSITY 2031900 DISABILITIES PREVENTION 93.184 MEDICINE MEDICINE MEDICINE 025893334609 DISABILITIES PREVENTION 93.184 MEDICINE 025893334609 DISABILITIES PREVENTION 93.184 MEDICINE 025893344609 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226	\$14,217
RESEARCH RELATED TO DEAFNESS AND COMMUNICATION DISORDERS 93.173 DUKE UNIVERSITY MOUNT SINAI SCHOOL OF MEDICINE MEDICINE MEDICINE 0.25893334609 MOUNT SINAI SCHOOL OF MEDICINE MEDICINE 0.25893344609 DISABILITIES PREVENTION PRESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH PRESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.213 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226	\$195,195
DISABILITIES PREVENTION DISABILITIES PREVENTION P3.184 MEDICINE MEDICINE 025893334609 MEDICINE 025893334609 MEDICINE 025893334609 MEDICINE 025893344609 MEDICINE 02589344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 02589344609 MEDICINE 02589344609 MEDICINE 025893344609 MEDICINE 02589344609 MEDICINE 02589344609 MEDICINE 025893344609 MEDICINE 02589344609 MEDICINE 02589344609 MEDICINE 025893344609 MEDICINE 02589344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 025893344609 MEDICINE 0	\$93,518
DISABILITIES PREVENTION 93.184 MEDICINE 02589334609 DISABILITIES PREVENTION 93.184 MEDICINE 025893344609 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH RESEARCH RESEARC	\$83,684
DISABILITIES PREVENTION RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTH RESEARCH RESEARCH ON HEALTH RESEARCH	\$12,386
INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH PRESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES PRESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES PRESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES RESEARCH RESEARCH RESEARCH RESEARCH RESEARCH RESEARCH	\$9,285
INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 LUCIGEN CORPORATION 1R43AT00875601 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTHCARE COST	\$36,446
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 LUCIGEN CORPORATION 1R43AT00875601 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226	\$117.576
RESEARCH AND TRAINING IN COMPLEMENTARY AND INTEGRATIVE HEALTH 93.213 LUCIGEN CORPORATION 1R43AT00875601 RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226	, , ,
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH RESEARCH RESEARCH RESEARCH RESEARCH	\$39,447
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH RESEARCH RESEARCH RESEARCH	\$102,557
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH SCIENCES CENTER RS2012139906A3 MEDSTAR HEALTH RESEARCH	\$147,784
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH RESEARCH RESEARCH RESEARCH RESEARCH	\$218,590
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 RESEARCH ON HEALTH RESEARCH BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER RES2012139906A3 MEDSTAR HEALTH RESEARCH	\$45,684
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 HEALTH SCIENCES CENTER RS2012139906A3 MEDSTAR HEALTH RESEARCH	\$68,428
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 HEALTH SCIENCES CENTER RS2012139906A3 MEDSTAR HEALTH RESEARCH	\$41,959
BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA RESEARCH ON HEALTH CARE COSTS, QUALITY AND OUTCOMES 93.226 HEALTH SCIENCES CENTER RS2012139906A3 MEDSTAR HEALTH RESEARCH	\$15,663
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 HEALTH SCIENCES CENTER RS2012139906A3 MEDSTAR HEALTH RESEARCH	ψ13,003
	\$5,781
	\$184,229
RESEARCH ON HEALTHCARE COSTS, QUALITY AND OUTCOMES 93.226 JOINT COMMISSION 1R18HS02264701A1	\$51,611
NATIONAL CENTER ON SLEEP DISORDERS RESEARCH 93.233 RAND CORPORATION 9920150086 MENTAL HEALTH RESEARCH GRANTS 93.242	\$13,998 \$5,448
MENTAL HEALTH RESEARCH GRANTS 93.242	\$5,305
MENTAL HEALTH RESEARCH GRANTS 93.242 MENTAL HEALTH RESEARCH GRANTS 93.242	\$330,110 \$644,248
MENTAL HEALTH RESEARCH GRANTS 93.242	\$774,788
MENTAL HEALTH RESEARCH GRANTS 93.242	\$356,469
MENTAL HEALTH RESEARCH GRANTS 93.242 MENTAL HEALTH RESEARCH GRANTS 93.242	\$106,994 \$354,853
MENTAL HEALTH RESEARCH GRANTS 93.242	\$487,373
MENTAL HEALTH RESEARCH GRANTS 93.242 MENTAL HEALTH RESEARCH GRANTS 93.242	\$346,271 \$189,505
MENTAL HEALTH RESEARCH GRANTS 93.242 MENTAL HEALTH RESEARCH GRANTS 93.242	\$189,505 -\$26,325
MENTAL HEALTH RESEARCH GRANTS 93.242	\$332,414
MENTAL HEALTH RESEARCH GRANTS 93.242 MENTAL HEALTH RESEARCH GRANTS 93.242 110	\$2,073,569 \$28

	Federal	Additional	Pass-Through	Pass-Through	
Cluster Name/Program Title	CFDA Number	Award Identification	Entity Name	Entity	Federal Expenditures
Cluster Name/Program Title MENTAL HEALTH RESEARCH GRANTS	93.242	identification	Name	Identifying Number	\$7,660
MENTAL HEALTH RESEARCH GRANTS	93.242				\$151,772
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$34 \$124,432
MENTAL HEALTH RESEARCH GRANTS	93.242				\$820,088
MENTAL HEALTH RESEARCH GRANTS	93.242				\$21,213
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$8,868 \$712,327
MENTAL HEALTH RESEARCH GRANTS	93.242				\$73,618
MENTAL HEALTH RESEARCH GRANTS	93.242				\$7,048
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$4,571 \$2,012
MENTAL HEALTH RESEARCH GRANTS	93.242				\$12,152
MENTAL HEALTH RESEARCH GRANTS	93.242				\$49,286
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$262,946 \$30,490
MENTAL HEALTH RESEARCH GRANTS	93.242				\$27,366
MENTAL HEALTH RESEARCH GRANTS	93.242				\$153,098
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$48,401 \$291,842
MENTAL HEALTH RESEARCH GRANTS	93.242				\$396,502
MENTAL HEALTH RESEARCH GRANTS	93.242				\$351,340
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$170,839 \$436,779
MENTAL HEALTH RESEARCH GRANTS	93.242				\$183,225
MENTAL HEALTH RESEARCH GRANTS	93.242				\$374,962
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$412,406 \$27,864
MENTAL HEALTH RESEARCH GRANTS	93.242				\$152,587
MENTAL HEALTH RESEARCH GRANTS	93.242				\$341,218
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$340,712 \$42,726
MENTAL HEALTH RESEARCH GRANTS	93.242				\$491,018
MENTAL HEALTH RESEARCH GRANTS	93.242				\$26,955
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242				\$141,641 \$18,360
MENTAL HEALTH RESEARCH GRANTS	93.242		TETRA DISCOVERY PARTNERS	R44MH091791	\$22,448
			OREGON HEALTH & SCIENCE		
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		UNIVERSITY RTI INTERNATIONAL	1002908RFSUNY 2340021265451723L	\$21,527 \$52,063
MENTAL HEALTH REGEARCH GRANTO	33.242		KITINTERNATIONAL	23400212034317232	Ψ02,003
			REGENTS OF THE UNIVERSITY OF		
MENTAL HEALTH RESEARCH GRANTS	93.242		CALIFORNIA, SAN FRANCISCO TRUSTEES OF COLUMBIA	PO#: B000341649	\$28,234
			UNIVERSITY IN THE CITY OF NEW		
MENTAL HEALTH RESEARCH GRANTS	93.242		YORK	1GG00572706	-\$1,141
MENTAL HEALTH RESEARCH GRANTS	93.242		WASHINGTON UNIVERSITY	PO2923074Y WU15326	\$8,453
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		COLUMBIA UNIVERSITY UNIVERSITY OF ROCHESTER	GG00572708 SAPO#G06152 416665	\$1,580 \$45,143
WENTAL HEALTH REGEARCH GRANTS	33.242		TRUSTEES OF THE UNIVERSITY	410003	φ 4 3,143
MENTAL HEALTH RESEARCH GRANTS	93.242		OF PENNSYLVANIA	567333	\$6,070
MENTAL HEALTH RESEARCH GRANTS	93.242		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025500914609	\$1,569
MENTAL HEALTH RESEARCH GRANTS	93.242		HARVARD MEDICAL SCHOOL	15244750978010211	\$65,739
			NEW YORK UNIVERSITY SCHOOL		
MENTAL HEALTH RESEARCH GRANTS	93.242		OF MEDICINE UNIVERSITY OF SOUTHERN	M160024124 - 1201978	\$9,911
MENTAL HEALTH RESEARCH GRANTS	93.242		CALIFORNIA	71019513 PO:50406859	\$126,229
MENTAL HEALTH RESEARCH GRANTS	93.242		HARVARD MEDICAL SCHOOL	15244750978010211	-\$13,666
MENTAL LIE ALTIL DECEADOLL OD ANTO	02.040		ICAHN SCHOOL OF MEDICINE AT	00550004.4000	£40.504
MENTAL HEALTH RESEARCH GRANTS	93.242		MOUNT SINAI INTRA CELLULAR THERAPIES	025582314609	\$19,501
MENTAL HEALTH RESEARCH GRANTS	93.242		INCORPORATED	R43MH108209	\$163,105
MENTAL LIE ALTIL DECEADOLL CDANTO	02.040		ICAHN SCHOOL OF MEDICINE AT	005500044000	000 770
MENTAL HEALTH RESEARCH GRANTS	93.242		MOUNT SINAI MASSACHUSETTS GENERAL	025500914609	\$90,779
MENTAL HEALTH RESEARCH GRANTS	93.242		HOSPITAL	225799	\$8,988
MENTAL HEALTH RESEARCH GRANTS	93.242		HARVARD MEDICAL SCHOOL	15244750978010211	\$193,255
MENTAL HEALTH RESEARCH GRANTS	93.242		TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	569774	\$55,081
			ICAHN SCHOOL OF MEDICINE AT		****
MENTAL HEALTH RESEARCH GRANTS	93.242		MOUNT SINAI	025514414609	\$45,611
MENTAL HEALTH RESEARCH GRANTS	93.242		MASSACHUSETTS INSTITUTE OF TECHNOLOGY	5710004178	\$243,374
MENTAL HEALTH RESEARCH GRANTS	93.242		TETRA DISCOVERY PARTNERS	R44MH091791	\$64,382
			RESEARCH FOUNDATION FOR		
MENTAL HEALTH RESEARCH GRANTS MENTAL HEALTH RESEARCH GRANTS	93.242 93.242		MENTAL HYGIENE UNIVERSITY OF ROCHESTER	130312 416983FAOGR510547	\$33,214 \$168
WENTAL HEALTH REGEARCH GRANTS	33.242		MOTION INTELLIGENCE	4109031 AOGRA10347	Ψ100
MENTAL HEALTH RESEARCH GRANTS	93.242		INCORPORATED	N/A	\$51,843
MENTAL HEALTH RESEARCH GRANTS	93.242		NEW YORK UNIVERSITY SCHOOL OF MEDICINE	12-01970 PO#M160024124	\$11,562
SUBSTANCE ABUSE AND MENTAL HEALTH	93.242		OF MEDICINE	12-01970 PO#IW160024124	\$11,502
SERVICES_PROJECTS OF REGIONAL AND NATIONAL			RESEARCH FOUNDATION OF CITY		
SIGNIFICANCE	93.243		UNIVERSITY OF NEW YORK	7F044B	\$2,962
SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES PROJECTS OF REGIONAL AND NATIONAL			RESEARCH FOUNDATION FOR		
SIGNIFICANCE	93.243		MENTAL HYGIENE	N/A	\$771
SUBSTANCE ABUSE AND MENTAL HEALTH					* * * *
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	02.242		LAKESHORE BEHAVIORAL	SM062404	POD 101
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		HEALTH	SM062404	\$80,191
SERVICES_PROJECTS OF REGIONAL AND NATIONAL			ADDICTIONS CARE CENTER OF		
SIGNIFICANCE SUBSTANCE ABUSE AND MENTAL HEALTH	93.243		ALBANY INCORPORATED	N/A	\$45,404
SERVICES PROJECTS OF REGIONAL AND NATIONAL			RESEARCH FOUNDATION FOR		
SIGNIFICANCE	93.243	111	MENTAL HYGIENE	N/A	\$10,765

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
SUBSTANCE ABUSE AND MENTAL HEALTH					
SERVICES_PROJECTS OF REGIONAL AND NATIONAL SIGNIFICANCE	93.243		ERIE COUNTY DEPARTMENT OF MENTAL HEALTH	1686MH	#00.0E0
ADVANCED NURSING EDUCATION GRANT PROGRAM	93.243		MENTAL HEALTH	IOOOIVIT	\$89,352 \$362,384
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$17,928
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$122,471
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262				\$64 \$2
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				-\$76,777
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$83,602
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262				\$267,562 \$119,163
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$716,094
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$570,084
OCCUPATIONAL SAFETY AND HEALTH PROGRAM OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262 93.262				\$122,420 \$76,777
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262				\$337,817
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	025458314609	\$39,221
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		NEW YORK UNIVERSITY SCHOOL OF MEDICINE ICAHN SCHOOL OF MEDICINE AT	15A00000409701/M160018288	\$66,776
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		MOUNT SINAI UNIVERSITY OF MASSACHUSETTS	025365354609	\$107
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		LOWELL RENSSELAER POLYTECHNIC	S51130000030773	\$1,140
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		INSTITUTE RENSSELAER POLYTECHNIC	A12694	-\$31,289
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		INSTITUTE ICAHN SCHOOL OF MEDICINE AT	A12694	\$4,999
OCCUPATIONAL SAFETY AND HEALTH PROGRAM	93.262		MOUNT SINAI	025459214609	\$134,350
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$355,471 \$210,664
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273				\$210,664 \$169,320
ALCOHOL RESEARCH PROGRAMS	93.273				\$401,258
ALCOHOL RESEARCH PROGRAMS	93.273				\$590,456
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$321,503
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273				\$456,933 \$1,168,823
ALCOHOL RESEARCH PROGRAMS	93.273				\$377,582
ALCOHOL RESEARCH PROGRAMS	93.273				\$2,952,355
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$2,942,815 \$119
ALCOHOL RESEARCH PROGRAMS	93.273				\$17,600
ALCOHOL RESEARCH PROGRAMS	93.273				\$834
ALCOHOL RESEARCH PROGRAMS	93.273				\$115,832
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$12,671 \$6,555
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273				\$555
ALCOHOL RESEARCH PROGRAMS	93.273				\$573,619
ALCOHOL RESEARCH PROGRAMS	93.273				\$519,533
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$626,825 \$86.292
ALCOHOL RESEARCH PROGRAMS	93.273				\$96,102
ALCOHOL RESEARCH PROGRAMS	93.273				\$301,503
ALCOHOL RESEARCH PROGRAMS	93.273				\$249,722
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$414,648 \$279,640
ALCOHOL RESEARCH PROGRAMS	93.273				\$125,008
ALCOHOL RESEARCH PROGRAMS	93.273				\$29,325
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273				\$24,223
ALCOHOL RESEARCH PROGRAMS	93.273		PACIFIC INSTITUTE FOR RESEARCH AND EVALUATION	0743	\$64,316 \$164,306
ALCOHOL RESEARCH PROGRAMS	93.273		CURATORS OF THE UNIVERSITY OF MISSOURI	C000442361-1	\$56,461
ALCOHOL RESEARCH PROGRAMS	93.273		SCRIPPS RESEARCH INSTITUTE PENNSYLVANIA STATE	5-52437	\$12,402
ALCOHOL RESEARCH PROGRAMS	93.273		UNIVERSITY	NYRFAA024990	\$55,854 \$22,555
ALCOHOL RESEARCH PROGRAMS ALCOHOL RESEARCH PROGRAMS	93.273 93.273		BROWN UNIVERSITY BROWN UNIVERSITY	00000901 PUR-0034796 00000918	\$23,555 \$14,139
ALCOHOL RESEARCH PROGRAMS	93.273		SIMMERSION	R44AA023719	\$133,172
ALCOHOL RESEARCH PROGRAMS	93.273		SYRACUSE UNIVERSITY	2839704395S02	\$20,578
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$161,232 \$702,430
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$702,430 \$559.831
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$523,310
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$384,848
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$536,615 \$444.056
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$444,956 -\$4,841
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$41,383
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$0
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				-\$38 -\$143
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				-\$143 \$9,311
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$2,444
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$178,806
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$309,256
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$352,364 \$355,145
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$152,500
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$357
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$106,537
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279				\$110,789 \$315,510
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	112			\$315,510 \$447,617
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$308,805

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279	identinodation	Nume	racinallying ranner	\$466.802
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$452,625
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$108,500
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$230,808
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$24,964
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279				\$75,603
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF TEXAS HEALTH		\$302
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		SCIENCE CENTER ATHGHIN BIOTECHNOLOGY	0011756A	\$140,429
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		INCORPORATED	1R41DA03898301	\$29,392
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF ALABAMA	UA15042	\$71,152
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF MARYLAND UNIVERSITY OF CALIFORNIA AT	Z0667001	\$254,883
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		SAN DIEGO	72448663	\$408,590
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		UNIVERSITY OF WASHINGTON	UWSC8834	\$41,816
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		YALE UNIVERSITY	M16A12338 (A10502)	\$46,885
			NEW YORK UNIVERSITY SCHOOL		
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		OF MEDICINE	4DP1DA036478-04	\$35,572
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279 93.279		RTI INTERNATIONAL YALE UNIVERSITY	1340021529752559L M17A12525A10803	\$40,877 \$26,532
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		NEW YORK UNIVERSITY	iB00041344 Subaward F862101	\$20,532 \$27,957
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		JACKSON LABORATORY	207197	\$29,153
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		FORDHAM UNIVERSITY	FORD0025	\$6,048
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		COLORADO STATE UNIVERSITY	G849911	\$197,885
DRUG ABUSE AND ADDICTION RESEARCH PROGRAMS	93.279		JACKSON LABORATORY	208307-0-SERV	\$28,218
MENTAL HEALTH RESEARCH CAREER/SCIENTIST DEVELOPMENT AWARDS MENTAL HEALTH RESEARCH CAREER/SCIENTIST DEVELOPMENT	93.281				\$22,728
AWARDS	93.281				\$8,276
CENTERS FOR DISEASE CONTROL AND					Ψ0,210
PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND	93.283		HEALTH RESEARCH INC	477904	\$338,661
PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND	93.283		HEALTH RESEARCH INC	477902	-\$1
PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283 93.283		HEALTH RESEARCH INC UNIVERSITY OF SOUTH CAROLINA	477903 162969	\$57,014 \$50,845
CENTERS FOR DISEASE CONTROL AND PREVENTION INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		CERNER CORPORATION	200201563931	\$98,725
CENTERS FOR DISEASE CONTROL AND PREVENTION_INVESTIGATIONS AND TECHNICAL ASSISTANCE	93.283		UNIVERSITY OF SOUTH CAROLINA	173170PO2000029193	\$166,597
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$192,409
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$61,125
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$174,338
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$219,572
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$47,734
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$188,279
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286				\$142,802 \$252,098
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$261,380
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$497,067
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$41,659
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$44,478
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$7,569
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$37,978
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286				\$238,706
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286 93.286				\$145,746 \$360,514
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$272,193
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$35,143
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$11,118
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286				\$3,995
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		BRIGHAM AND WOMENS HOSPITAL	114169/109443	\$115,795
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286		WRIGHT STATE UNIVERSITY	P0040584	\$14,592
DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286		KITWARE INCORPORATED	K00139600S01	\$87,199
INNOVATIONS TO IMPROVE HUMAN HEALTH DISCOVERY AND APPLIED RESEARCH FOR TECHNOLOGICAL	93.286		CORNELL UNIVERSITY	7577710738	\$18,251
INNOVATIONS TO IMPROVE HUMAN HEALTH	93.286		HEALTH RESEARCH INC NATIONAL CAMPAIGN TO	559801	\$7,886
TEENAGE PREGNANCY PREVENTION PROGRAM NATIONAL CENTER FOR HEALTH WORKFORCE ANALYSIS	93.297 93.300	113	PREVENT TEEN AND UNPLANNED PREGNANCY HEALTH RESEARCH INC	NA 15074703	\$73,095 \$21,146

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307				\$131,191 \$892,650
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307				\$19,289
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307				\$29,345 \$3,048
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307				\$3,046 \$1,387
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307				\$157
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		FLORIDA INTERNATIONAL		\$1,800,000
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307		UNIVERSITY NORTHERN ILLINOIS UNIVERSITY	80000209406 G1A62575-A	\$49,778 \$3,229
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307 93.307		INQUISITHEALTH INCORPORATED DUKE UNIVERSITY BOARD OF TRUSTEES OF THE	N/A 2035370/1R01MD010354-01	\$16,346 \$55,964
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		UNIVERSITY OF ILLINOIS	16168	\$19,386
MINORITY HEALTH AND HEALTH DISPARITIES RESEARCH	93.307		MEMORIAL SLOAN KETTERING CANCER CENTER	BD521191	\$59,747
TRANS-NIH RESEARCH SUPPORT	93.310		0,1110211102111211	22021.01	\$333,223
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310				\$814,619 \$42,968
TRANS-NIH RESEARCH SUPPORT	93.310				\$88,719
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310				\$292,555 \$324,286
TRANS-NIH RESEARCH SUPPORT TRANS-NIH RESEARCH SUPPORT	93.310 93.310		TRUSTEES OF BOSTON COLLEGE UNIVERSITY OF NEW MEXICO	510196211 NA	\$2,047 \$10,418
TRANS-NIH RESEARCH SUPPORT	93.310		TRUSTEES OF BOSTON COLLEGE	51019638	\$12,342
TRANS-NIH RESEARCH SUPPORT CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND	93.310		MEDICAL UNIVERSITY OF SOUTH CAROLINA	MUSC160858C267	\$11,676
PREVENTION CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND	93.312				-\$665
PREVENTION	93.312				\$515,008
CHILD DEVELOPMENT AND, SURVEILLANCE, RESEARCH AND PREVENTION	93.312				\$126,049
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES	93.350				\$3,317,961
NATIONAL CENTER FOR ADVANCING TRANSLATIONAL SCIENCES					\$473,264
RESEARCH INFRASTRUCTURE PROGRAMS RESEARCH INFRASTRUCTURE PROGRAMS	93.351 93.351				\$228,753 \$579,788
RESEARCH INFRASTRUCTURE PROGRAMS	93.351				\$3,580
RESEARCH INFRASTRUCTURE PROGRAMS BIOMEDICAL ADVANCED RESEARCH AND DEVELOPMENT AUTHORITY (BARDA), BIODEFENSE MEDICAL	93.351		OREGON STATE UNIVERSITY	P0362AA	\$79,541
COUNTERMEASURE DEVELOPMENT NURSING RESEARCH	93.360 93.361		ARTERIOCYTE INCORPORATED	20131016v1	\$67,176 \$41,424
NURSING RESEARCH	93.361				\$531,637
NURSING RESEARCH NURSING RESEARCH	93.361 93.361		UNIVERSITY OF ROCHESTER	416554G	\$31,719 \$62,617
NUIDCING DECEADOU	93.361		PENNSYLVANIA STATE	EEO4 CLINIV LIM 444E	\$20.552
NURSING RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393		UNIVERSITY	5591 SUNY UM 1115	\$39,552 \$381
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393				-\$566
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$197,903 \$67,951
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$273,277
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$402,469 \$459,218
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$433
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$18,487 \$2,068
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$65,364
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$19,155 \$354,093
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$185,197
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$38,576 \$301,746
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$180,523
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393				\$254,750 \$296,592
CANCER CAUSE AND PREVENTION RESEARCH	93.393				\$290,592 \$292,801
CANCER CAUSE AND PREVENTION RESEARCH	93.393		HEALTH RESEARCH INC	55098901	\$87,444
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		HEALTH RESEARCH INC HEALTH RESEARCH INC	73-01 5401	-\$1,405 \$1,002
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		HEALTH RESEARCH INC HEALTH RESEARCH INC	9401 11501	\$866 \$95,132
CANCER CAUSE AND PREVENTION RESEARCH	93.393		KAISER FOUNDATION RESEARCH INSTITUTE REGENTS OF THE UNIVERSITY OF	1159289UB	\$16,823
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		CALIFORNIA BAYLOR COLLEGE OF MEDICINE	20130349801 102057318 PO 5601152348	\$12,894 \$93,409
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		RIVERSIDE RESEARCH INSTITUTE HEALTH RESEARCH INC COLD SPRING HARBOR	NONYOG01275P01332801 7503	\$3,599 \$2,952
CANCER CAUSE AND PREVENTION RESEARCH	93.393		LABORATORY	55070421 920945 SV	\$34,229
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393		UNIVERSITY OF SOUTH FLORIDA HEALTH RESEARCH INC	1229-1087-00C 22201	\$11,787 \$48,191
CANCER CAUSE AND PREVENTION RESEARCH	93.393		RUTGERS UNIVERSITY BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA	6019/PO#S2406708	\$67,816
CANCER CAUSE AND PREVENTION RESEARCH CANCER CAUSE AND PREVENTION RESEARCH	93.393 93.393	114	BIRMINGHAM HEALTH RESEARCH INC VIRGINIA POLYTECHNIC	000511565002 7504	\$13,546 \$45,294
CANCER CAUSE AND PREVENTION RESEARCH	93.393		INSTITUTE AND STATE UNIV	45911719B88	\$10,449

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394	identification	Name	identifying Number	\$485,495
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$275,785
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$173,426
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$220,345
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$22,633
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$140,416
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$157,406
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$172,552
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394				\$144,297
			TRUSTEES OF COLUMBIA		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY	2 (Acct. #5-30079)	\$22,098
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		HEALTH RESEARCH INC REGENTS OF THE UNIVERSITY OF	12501	\$755
CANCED DETECTION AND DIACNOSIS DESCAPOLI	00.004			D002077004	PF7 704
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		MINNESOTA COLD SPRING HARBOR	P003977801	\$57,704
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		LABORATORY	55070317	\$8,500
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		VITATEX INC	HHSN261201500011C	\$140,764
CANCER DETECTION AND DIAGNOSIS RESEARCH	33.334		CASE WESTERN RESERVE	11110142012013000110	\$140,704
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY	RES510430	\$2,908
			COLD SPRING HARBOR		* ,
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		LABORATORY	55070517	\$460,311
			CASE WESTERN RESERVE		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY	RES511173	\$34,561
			CASE WESTERN RESERVE		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		UNIVERSITY	RES511505	\$16,058
			CHILDRENS HOSPITAL OF		
CANCER DETECTION AND DIAGNOSIS RESEARCH	93.394		BOSTON	GENFD0001239834	\$7,931
CANCER TREATMENT RESEARCH	93.395				\$4,918
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395				\$459,921 \$101,766
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395				\$101,766 \$466
CANCER TREATMENT RESEARCH	93.395				\$84,250
CANCER TREATMENT RESEARCH	93.395				\$406,149
CANCER TREATMENT RESEARCH	93.395				\$335,669
CANCER TREATMENT RESEARCH	93.395				\$35,447
CANCER TREATMENT RESEARCH	93.395				\$162,488
CANCER TREATMENT RESEARCH	93.395				\$129,254
CANCER TREATMENT RESEARCH	93.395				\$313,028
CANCER TREATMENT RESEARCH	93.395				\$365,063
CANCER TREATMENT RESEARCH	93.395				\$1,070,601
CANCER TREATMENT RESEARCH	93.395				\$137,436
CANCER TREATMENT RESEARCH	93.395		AMERICAN COLLEGE OF		\$14,555
CANCER TREATMENT RESEARCH	93.395		SURGEONS ONCOLOGY GROUP	309	\$42,898
O/MOER INC/MENT RESE/MOIT	55.555		GYNECOLOGIC ONCOLOGY	000	Ψ+2,030
CANCER TREATMENT RESEARCH	93.395		GROUP	27469070	\$3,045
CANCER TREATMENT RESEARCH	93.395		HEALTH RESEARCH INC	1-01	\$5,888
			CHILDREN'S HOSPITAL OF		*-,
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	U10CA180886	\$21,183
CANCER TREATMENT RESEARCH	93.395		EMORY UNIVERSITY	T252106	\$11,930
			CHILDREN'S HOSPITAL OF		
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	U10CA180886	\$40,927
			CHILDREN'S HOSPITAL OF		
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	UG1CA18995501	\$16,398
CANCER TREATMENT RESEARCH	93.395		FOR ROBIN INCORPORATED	NA LUISNIGATE SAGARA	\$230,715
CANCER TREATMENT RESEARCH	93.395		TARGAGENIX INCORPORATED	HHSN261201500018C	\$51,901 \$42,242
CANCER TREATMENT RESEARCH CANCER TREATMENT RESEARCH	93.395 93.395		HEALTH RESEARCH INC HEALTH RESEARCH INC	15102 13503	\$12,213 \$47,283
CANCER TREATMENT RESEARCH	93.393		UNIVERSITY OF TEXAS MD	13303	Φ47,203
CANCER TREATMENT RESEARCH	93.395		ANDERSON CANCER CENTER	/PO# 3000772047	\$21,121
O/MOER TREATMENT RESEARON	50.000		UNIVERSITY OF KENTUCKY	71 011 00001 12041	ΨΖ1,121
CANCER TREATMENT RESEARCH	93.395		RESEARCH FOUNDATION	3200000551-16-241	\$15,890
CANCER TREATMENT RESEARCH	93.395		RUTGERS UNIVERSITY	8269	\$41,391
			CHILDREN'S HOSPITAL OF		
CANCER TREATMENT RESEARCH	93.395		PHILADELPHIA	9500080217	\$29,317
CANCER TREATMENT RESEARCH	93.395		HEALTH RESEARCH INC	102	\$16,531
CANCER TREATMENT RESEARCH	93.395		HEALTH RESEARCH INC	15103	\$13,858
CANCER BIOLOGY RESEARCH	93.396				\$361,867
CANCER BIOLOGY RESEARCH	93.396				\$111,821 \$67,431
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396				\$67,431 \$617
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396				\$617 \$1,817
CANCER BIOLOGY RESEARCH	93.396				\$1,817 \$247,556
CANCER BIOLOGY RESEARCH	93.396				\$2,389
CANCER BIOLOGY RESEARCH	93.396				\$12,624
CANCER BIOLOGY RESEARCH	93.396				\$150,203
CANCER BIOLOGY RESEARCH	93.396				\$165,543
CANCER BIOLOGY RESEARCH	93.396				\$126,261
CANCER BIOLOGY RESEARCH	93.396				\$1,059
CANCER BIOLOGY RESEARCH	93.396				\$106,123
CANCER BIOLOGY RESEARCH	93.396				\$291,130
CANCER BIOLOGY RESEARCH	93.396				\$434,462
CANCER BIOLOGY RESEARCH	93.396				\$104,758
CANCER BIOLOGY RESEARCH	93.396				\$206,444 \$456,608
CANCER BIOLOGY RESEARCH CANCER BIOLOGY RESEARCH	93.396 93.396				\$456,608 \$262,216
CANCER BIOLOGY RESEARCH	93.396				\$282,139
CANCER BIOLOGY RESEARCH	93.396				\$268,810
CANCER BIOLOGY RESEARCH	93.396				\$393,382
CANCER BIOLOGY RESEARCH	93.396				\$61,301
			ADVANCED BIOMEDICAL		
CANCER BIOLOGY RESEARCH	93.396		MACHINES INCORPORATED	NA	\$3,996
CANCED BIOLOGY DESCARCH	02 200		LINIIVEDSITY OF SOLITILAL ADAMA	16035604	604.044
CANCER BIOLOGY RESEARCH	93.396		UNIVERSITY OF SOUTH ALABAMA WEILL MEDICAL COLLEGE OF	16035601	\$21,011
CANCER BIOLOGY RESEARCH	93.396		CORNELL UNIVERSITY	16010104	\$65,245
		11	5 BOARD OF TRUSTEES OF THE		
CANCER BIOLOGY RESEARCH	93.396		UNIVERSITY OF ILLINOIS	06763500001	\$61,284

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
Guster Name/Frogram 1100	Numbel	Identification	WEILL MEDICAL COLLEGE OF	raenarying Nulliber	Lapendidies
CANCER BIOLOGY RESEARCH	93.396		CORNELL UNIVERSITY RENSSELAER POLYTECHNIC	17020160	\$73,873
CANCER BIOLOGY RESEARCH	93.396		INSTITUTE ALBERT EINSTEIN COLLEGE OF	210978	\$32,724
CANCER BIOLOGY RESEARCH CANCER CENTERS SUPPORT GRANTS	93.396 93.397		MEDICINE	P0599784	\$44,821 \$82,676
CANCER CENTERS SUPPORT GRANTS	93.397		MOUNT ON A COURCE OF		\$458,312
CANCER CENTERS SUPPORT GRANTS	93.397		MOUNT SINAI SCHOOL OF MEDICINE BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	025840614609	\$11,737
CANCER CENTERS SUPPORT GRANTS	93.397		SYSTEM	397K526	\$12,078
CANCER CENTERS SUPPORT GRANTS CANCER CENTERS SUPPORT GRANTS	93.397 93.397		HEALTH RESEARCH INC HEALTH RESEARCH INC	12601 13701	\$16,048 \$34,541
CANCER CENTERS SUPPORT GRANTS	93.397		UNIVERSITY OF PITTSBURGH	901121612544301	\$318
CANCER CENTERS SUPPORT GRANTS CANCER RESEARCH MANPOWER	93.397 93.398		HEALTH RESEARCH INC	13203	\$3,561 \$47,036
CANCER RESEARCH MANPOWER	93.398				\$160,303
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$638 \$29,500
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$33,536 \$222,927
CANCER RESEARCH MANPOWER	93.398				\$219,691
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$192,961 \$33,383
CANCER RESEARCH MANPOWER	93.398				\$34,408
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$23,166 \$31,199
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$30,144 \$131,976
CANCER RESEARCH MANPOWER	93.398				\$12,113
CANCER RESEARCH MANPOWER CANCER RESEARCH MANPOWER	93.398 93.398				\$14,121 \$5,868
CANCER CONTROL ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,	93.399				\$36,843
AND REHABILITATION RESEARCH	93.433				\$595,182
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433				\$194,711
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,					
AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,	93.433				\$289,663
AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING.	93.433				\$527,390
AND REHABILITATION RESEARCH	93.433				\$349,483
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433				\$455,339
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433				\$33,469
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,					
AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING,	93.433				\$59,246
AND REHABILITATION RESEARCH ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING.	93.433		GEORGIA INSTITUTE OF		\$94,196
AND REHABILITATION RESEARCH	93.433		TECHNOLOGY	RF542G1	\$13,648
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		CARNEGIE MELLON UNIVERSITY	1090443363347	\$46,607
ACL NATIONAL INSTITUTE ON DISABILITY, INDEPENDENT LIVING, AND REHABILITATION RESEARCH	93.433		CARNEGIE MELLON UNIVERSITY	1090475370588	\$145,269
ACL ASSISTIVE TECHNOLOGY	93.464		NYS JUSTICE CENTER FOR THE PROTECTION OF PEOPLE WITH SPECIAL NEEDS	JUS01C10007GG1420000	\$90,325
AFFORDABLE CARE ACT (ACA) GRANTS TO STATES FOR HEALTH					
INSURANCE PREMIUM REVIEW	93.511		HEALTH RESEARCH INC NYS OFFICE OF CHILDREN AND	15075001	\$238,990
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C005138	\$519,845
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		FAMILY SERVICES	C005137	\$39,214
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005256	\$1,034,680
COMMUNITY-BASED CHILD ABUSE PREVENTION GRANTS	93.590		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005257	\$82,470
ASSISTANCE FOR TORTURE VICTIMS	93.604		JEWISH FAMILY SERVICES	NA NA	\$30,441
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND ADVOCACY GRANTS	93.630		NYS DEVELOPMENTAL DISABILITIES PLANNING COUNCIL	C024308	\$27,011
DEVELOPMENTAL DISABILITIES BASIC SUPPORT AND			NYS DEVELOPMENTAL		
ADVOCACY GRANTS SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.630 93.647		DISABILITIES PLANNING COUNCIL	C024308	\$20,559 \$27,423
SOCIAL SERVICES RESEARCH AND DEMONSTRATION	93.647		EMMES CORPORATION	DO000A	\$71,963
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT	93.701		EMMES CORPORATION CHILDREN'S HOSPITAL OF	P0083A	\$10,532
TRANS-NIH RECOVERY ACT RESEARCH SUPPORT CARDIOVASCULAR DISEASES RESEARCH	93.701 93.837		PHILADELPHIA	N/A	\$11,390 \$386,688
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$426,626
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$705,057 \$3,641
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$3,204
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$235,195 \$8,888
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$522,185 \$428,153
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$102,261
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$328 \$225,143
CARDIOVASCULAR DISEASES RESEARCH	93.837	11	6		\$356,328
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$343,528

	Federal CFDA	Additional Award	Pass-Through Entity	Pass-Through Entity	Federal
Cluster Name/Program Title	Number	Identification	Name	Identifying Number	Expenditures
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$11,559
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$278,672
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$1,086,388 \$27,454
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$693,638
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$223,525
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$24,093
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837				\$4,086 \$150,070
CARDIOVASCULAR DISEASES RESEARCH	93.837				\$167,785
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	415494G001	\$1,292
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		COLUMBIA UNIVERSITY COLUMBIA UNIVERSITY	GG00659024 1GG00659015	\$141,362 \$339,208
CARDIOVAGGULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	200464-IR723SITE	\$21,421
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	AT723 EPM6322	\$27,185
CARDIOVASCULAR DISEASES RESEARCH	93.837		COLLIMBIA LINIIVERSITY	R01HL123368/POcolum-	£44.070
CARDIOVASCULAR DISEASES RESEARCH	93.837		COLUMBIA UNIVERSITY UNIVERSITY OF IOWA	0000055967 1001781974	\$14,672 \$17,701
			ROCHESTER INSTITUTE OF		*,
CARDIOVASCULAR DISEASES RESEARCH	93.837		TECHNOLOGY	3153501	\$2,115
CARDIOVASCULAR DISEASES RESEARCH	93.837		WASHINGTON UNIVERSITY ST LOUIS	WU1640 PO#2928298A	\$144,625
CARDIO VACOCEAR DICEARCE RECEARCIT	56.667		NEW ENGLAND RESEARCH	VVO 1040 1 0#2020230/V	ψ144,020
CARDIOVASCULAR DISEASES RESEARCH	93.837		INSTITUTE	N/A	\$15,896
CARDIOVASCULAR DISEASES RESEARCH	93.837		CYTOCYBERNETICS UNIVERSITY OF TEXAS	N/A	\$53,716
			SOUTHWESTERN MEDICAL		
CARDIOVASCULAR DISEASES RESEARCH	93.837		CENTER AT DALLAS	GMO161105 PO RGC0000000733	\$528,465
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ROCHESTER	416825	\$375,975
CARDIOVASCULAR DISEASES RESEARCH	93.837		TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	568082/PO# 3595820	\$56,998
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ARIZONA	326436	\$9,090
CARDIOVASCULAR DISEASES RESEARCH	93.837		UNIVERSITY OF ARIZONA	328244	\$8,096
CARRIOVACCUI AR RICEACEC RECEAROU	02.027		ALBERT EINSTEIN COLLEGE OF	311002 PO: P0546667	¢77.000
CARDIOVASCULAR DISEASES RESEARCH	93.837		MEDICINE MEMORIAL HOSPITAL OF RHODE	311002 PO: P0546667	\$77,086
CARDIOVASCULAR DISEASES RESEARCH	93.837		ISLAND	5001191	\$44,253
CARDIOVASCULAR DISEASES RESEARCH	93.837		ANGIOGRAFT LLC	NA	\$57,604
CARDIOVASCULAR DISEASES RESEARCH CARDIOVASCULAR DISEASES RESEARCH	93.837 93.837		DUKE UNIVERSITY UNIVERSITY OF ROCHESTER	203-8299 416975G/GR510558	\$28,066 \$4,168
C. M. D. C. V. C. C. D. C. L. C.	00.001		ALBERT EINSTEIN COLLEGE OF	1100100,011010000	ψ-1,100
CARDIOVASCULAR DISEASES RESEARCH	93.837		MEDICINE DOLVNOVA CARRIOVACCIJI AR	N/A	\$22,903
CARDIOVASCULAR DISEASES RESEARCH	93.837		POLYNOVA CARDIOVASCULAR INCORPORATED	1R41HL134418	\$2,758
CARDIOVASCULAR DISEASES RESEARCH	93.837		DUKE UNIVERSITY	203-8359	\$59,385
LUNG DISEASES RESEARCH	93.838				\$1,419
LUNG DISEASES RESEARCH LUNG DISEASES RESEARCH	93.838 93.838				\$2,225 \$24,416
LUNG DISEASES RESEARCH	93.838				\$34,490
			CHILDRENS HOSPITAL OF		
LUNG DISEASES RESEARCH	93.838		BOSTON REGENTS OF THE UNIVERSITY OF	74159	\$26,108
LUNG DISEASES RESEARCH	93.838		CALIFORNIA	7625sc	\$16,874
LUNG DISEASES RESEARCH	93.838		SEATTLE CHILDRENS HOSPITAL	10997SUB	\$3,471
LUNG DISEASES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.838 93.839		UNIVERSITY OF ROCHESTER	416986GGR510574	\$59,147 \$141,294
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				\$29,532
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				\$2,381
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				\$172,403
BLOOD DISEASES AND RESOURCES RESEARCH BLOOD DISEASES AND RESOURCES RESEARCH	93.839 93.839				\$65,219 \$766,653
BLOOD DISEASES AND RESOURCES RESEARCH	93.839				\$162,928
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		DDICHAM AND WOMENC		\$49,007
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		BRIGHAM AND WOMENS HOSPITAL	114147	\$67,544
			CASE WESTERN RESERVE		
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		UNIVERSITY UNIVERSITY OF IOWA	N01HC92558 W000848164	\$13,937 \$54,644
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		CINCINNATI CHILDRENS	W000848164	\$51,644
BLOOD DISEASES AND RESOURCES RESEARCH	93.839		HOSPITAL MEDICAL CENTER	132981 PO3100342084	-\$80
BLOOD DISEASES AND RESOURCES RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.839		BLOOD CELL TECHNOLOGIES	1R43HL12954501	\$18,128
RESEARCH	93.846				\$12,247
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES					
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$176,694
RESEARCH	93.846				\$49,346
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	02.040				040.750
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$49,759
RESEARCH	93.846				\$360,860
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846				\$299,397
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.040				φ299,397
RESEARCH	93.846				\$93
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846				\$90,981
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES					φου,ου τ
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$4,305
RESEARCH	93.846				\$2,845
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES					
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$67,964
RESEARCH	93.846				\$367,824
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	02 946	11	17		64.570
RESEARCH	93.846	11	•		\$1,570

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES		- Identification	, tamo	iuonanymy numuon	·
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$2,211
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$89,006
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$180,773
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$31,828
RESEARCH ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES	93.846				\$266,962
RESEARCH	93.846				\$185,208
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846				\$75,734
ARTHRITIS, MUSCULOSKELETAL AND SKIN DISEASES RESEARCH	93.846		TRUSTEES OF BOSTON UNIVERSITY	4500001509	\$2,520
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		GEORGE WASHINGTON UNIVERSITY	SGRD1516MW21	\$118,939
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$99,582
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$740,902
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL					
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$364,532
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$9,808
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$40,245
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$25,660
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$1,821
RESEARCH	93.847				\$61,289
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$19,439
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$33,315
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$2,332
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$179,628
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$494,362
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL					
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$1,664
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$30,518
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$314,786
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$795,703
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$263,136
RESEARCH	93.847				\$25,699
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$197,221
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$280,131
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$280,907
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$285,099
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847				\$197,331
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH					
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$287,759
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$101,659
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$37,704
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847				\$73,691
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		MOUNT SINAI SCHOOL OF		\$898
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		MEDICINE CONNECTICUT CHILDREN'S	025538414605	\$1,514
RESEARCH	93.847		MEDICAL CENTER	1217929610	\$14,748
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		REGENTS OF THE UNIVERSITY OF CALIFORNIA LOS ANGELES	1556GQC024	\$70,595
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		CONNECTICUT CHILDREN'S MEDICAL CENTER	1317929607	\$127
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			AMERICAN GASTROENTEROLOGICAL		
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		ASSOCIATION	004	\$15,360
RESEARCH DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL	93.847		JOSLIN DIABETES CENTER	N/A	\$86,056
RESEARCH	93.847		JOSLIN DIABETES CENTER	N/A	\$8,780
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL RESEARCH	93.847		ULTRADIAN DIAGNOSTICS LLC	N/A	\$65,935
DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL		
RESEARCH	93.847	118	3 CENTER AT DALLAS	151111	\$7,056

DIAMETERS DIGITATIVE, AND KINDEN DELIGIOSE EXTRAORIALS, 1934 193	Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
DARFERD, DICERTON, AND KINDEN DEBASES ETHANIBURAL SUPPLY DEBASES ETHANIBURAL SUPPLY DICERTON SUPPLY DICE		93 847			3003573023	\$367
MAYER MAYE	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			NEW YORK UNIVERSITY SCHOOL		
DAMES DIRECTIVE, AND DIRECT DECENDED TITALINANA SAFET DIRECT DECENDED 1111-10899323 SAFET BREATMENT AND CITALINA SAFET DIRECT AND CITALINA SAFET		93.847			2U01DK061230	\$14.063
DAMER IS, DIGISTIVE, AND CRIEFY ORGARDS EXTRAMARY. RESEARCH RESEA	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL					
DAMETICS, DIGESTIVE, AND KIRNEY DECASES EXTRAMURAL 19.447 10.000 19.2744 3.4522 19.247 1	DIABETES, DIGESTIVE, AND KIDNEY DISEASES EXTRAMURAL			PRESIDENT AND FELLOWS OF		
DAMETES, DIGESTIVE, AND INCIPATE DEPOSED EXTRAAMINAL PRESEABLY AND INCIPATES DIGESTIVE, AND INCIPATE DEPOSED EXTRAAMINAL PRESEABLY AND INCIPATES DEPOSED EXTRAAMINAL PRESEABLY P		93.847		HARVARD COLLEGE	1111845093435	\$31,780
		93.847		NORTHEASTERN UNIVERSITY	50046678051	\$11,090
	RESEARCH	93.847			327244	\$4,852
SERIAND SERI	RESEARCH	93.847		UNIVERSITY	SGRD1617LL21	\$672,907
BESEARCH DIAMETES, DIGESTIVE, AND KINNEY DISEASES EXTRAMURAL DIAMETES, DIGESTIVE, AND KINNEY DISEASES EXTRAMURAL SAME NOTITIES FOR BIOLOGICAL POZICIONE	RESEARCH	93.847			14A00000248901	\$63,737
SEASON SAFE	RESEARCH	93.847		UNIVERSITY OF FLORIDA	UFDSP00011363	\$82,167
RESEARCH DIMERTS, DIGESTIVE, AND KOINEY DIBEASES EXTRAMURAL 33.447 GEORGE WASSINGTON 4011 3150,230 33.651	RESEARCH	93.847			610038B03	\$22,151
BESEARCH 1906 1907 190	RESEARCH	93.847		STUDIES	P0209012	\$79,807
RESEARCH RESEARCH PROGRAMS IN THE NEUROSCIENCES 3.847	RESEARCH	93.847			14D11	\$150,283
MAIN NERROLOGICAL DISCORDERS MITH NEUROSCIENCES \$8.00		93.847			15D11	\$50
RESIDENCIAL DISCORDERS AND NEUROLOGICAL DISCORDERS AND NEU		93 853				\$383.051
RESEARCH PROGRAMS IN THE NEUROSCIENCES 9.83 9	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
RESERTION PROCRAMS IN THE NEUROSCIENCES 3.83	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEURO, COLOCAL DISORDERS SAME NEUROSCIENCES AND NEURO, COLOCAL DISORDERS SAME NEUROSCIENCES AND NEURO, COLOCAL DISORDERS SAME NEUROSCIENCES SAME NEURO, COLOCAL DISORDERS SAME NEUROSCIENCES SAME NEURO, COLOCAL DISORDERS S	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES			REGENTS OF THE UNIVERSITY OF		
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROSCIEN		93.853		MICHIGAN	3002348608SHN	\$55,838
EXTERMARIAR LESSARCH PROGRAMS IN THE NEUROSCIENCES \$1.86.51		93.853				\$63,121
AND NEURCLOGICAL DISORDERS \$190,705		93.853				\$369,613
AND NEURCLOGICAL DISORDERS \$138.415	AND NEUROLOGICAL DISORDERS	93.853				\$190,705
AND NEURCLOGICAL DISORDERS 58.85 58.85 58.85 AND NEURCLOGICAL DISORDERS 58.85 AND NEURCLOGICAL DISORDERS 58.85 AND NEURCLOGICAL DISORDERS 58.85 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES 59.853 58.85 AND NEURCLOGICAL DISORDERS 58.85 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES 59.853 58.85 AND NEUROLOGICAL DISORDERS 58.85 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES 59.853 59.853 EXTRAMUR	AND NEUROLOGICAL DISORDERS	93.853				\$138,415
AND NEUROLOGICAL DISORDERS \$3.83 \$3.82	AND NEUROLOGICAL DISORDERS	93.853				\$282,117
AND NEUROLOGICAL DISORDERS 18,166 28,516	AND NEUROLOGICAL DISORDERS	93.853				\$51,828
AND NEUROLOGICAL DISORDERS \$3.853	AND NEUROLOGICAL DISORDERS	93.853				\$1,716
AND NEUROLOGICAL DISORDERS 3,853	AND NEUROLOGICAL DISORDERS	93.853				\$2,514
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEAR		93.853				\$79,654
EXTRAMUPAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS \$3.894 EXTRAMUPAL RESEARCH PROGRAMS IN THE NEUROSCIENCES \$3.853 EXTR		93.853				\$11.860
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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROS	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$3.	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS \$3.853 \$29.369 \$3.853 \$29.369 \$3.853 \$	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES 38.853 \$3.853 \$3.823.70	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS \$3.853	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$29,369
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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCI		93.853				\$8,853
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEAR		93.853				\$19,488
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL	AND NEUROLOGICAL DISORDERS	93.853				\$382,370
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH P	AND NEUROLOGICAL DISORDERS	93.853				\$291,273
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH P	AND NEUROLOGICAL DISORDERS	93.853				\$454,322
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCE	AND NEUROLOGICAL DISORDERS	93.853				-\$945
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS	AND NEUROLOGICAL DISORDERS	93.853				\$24,985
AND NEUROLOGICAL DISORDERS 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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL		93.853				\$383,697
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 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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RES		93.853				\$375.844
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 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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PR	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
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 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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXT	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
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 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 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES EXTRAMURAL RESEARCH PROGRAMS IN TH	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 93.853 \$23,810 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,810 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,810	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS 93.853 \$23,810	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$143,117
AND NEUROLOGICAL DISORDERS 93.853 119 \$220,346		93.853				\$23,810
	AND NEUROLOGICAL DISORDERS	93.853	119	9		\$220,346

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES				,g	<u> </u>
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$218,937
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				-\$6,344
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$37,926
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$55,217
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$427,958
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$81,550
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$11,035
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$408,621
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$283,680
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$253,324
AND NEUROLOGICAL DISORDERS	93.853				\$293,495
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$378,324
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$273,177
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$348,818
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$32,133
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$362,714
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$27,923
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$90,828
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$41,947
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$398,674
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853				\$254,834
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS					
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$54,515
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$272,852
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853				\$226,735
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		UNIVERSITY OF MEDICINE &		\$11,157
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		DENTISTRY OF NEW JERSEY	99-705	\$10,749
AND NEUROLOGICAL DISORDERS	93.853		YALE UNIVERSITY	A07593 (M10A10547)	\$16,108
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	5845sc	\$491
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		CINCINNATI CHILDRENS HOSPITAL MEDICAL CENTER	107759	\$673
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		JOHNS HOPKINS UNIVERSITY	2000795137	\$239
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		EMMES CORPORATION	NA NA	\$28,360
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF CALIFORNIA	6881sc	\$8,694
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.033		BOARD OF TRUSTEES OF THE UNIVERSITY OF ALABAMA	000130	ψ0,094
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		BIRMINGHAM RUSH UNIVERSITY MEDICAL	000377209052	\$2,860
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		CENTER	5R01NS08481704	\$105,689
AND NEUROLOGICAL DISORDERS	93.853		JOHNS HOPKINS UNIVERSITY	2003044882	\$26,542
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MASSACHUSETTS GENERAL HOSPITAL	NN102Y2Q4	\$10,298
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		THE RECTORS & VISITORS OF THE UNIVERSITY OF VIRGINIA	GC12107149686	\$37,540
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MASSACHUSETTS GENERAL HOSPITAL	NN102 SPRINT-MS	\$24,442
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MASSACHUSETTS GENERAL HOSPITAL	NN102SPRINTSite176	\$14,019
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MASSACHUSETTS GENERAL HOSPITAL	NN104	\$131,690
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		UNIVERSITY OF MIAMI	662706	\$1,953
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		REGENTS OF THE UNIVERSITY OF CALIFORNIA	6873sc	\$805
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MAYO CLINIC JACKSONVILLE	SUN18727601	\$5,682
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MONTANA STATE UNIVERSITY	G16016W5076	\$18,141
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	55.555		UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL	2.3010110010	φ10,141
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		CENTER AT DALLAS	160109 RGC0000000792	\$79,014
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		UNIVERSITY OF ROCHESTER	416826	\$15,687
AND NEUROLOGICAL DISORDERS	93.853	120	BAYLOR COLLEGE OF MEDICINE	102199134	\$14,336

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES		identification	NEW YORK UNIVERSITY SCHOOL		· · · · · · · · · · · · · · · · · · ·
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		OF MEDICINE	1U54NS08176501	\$937
AND NEUROLOGICAL DISORDERS EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES	93.853		UNIVERSITY OF MINNESOTA MASSACHUSETTS GENERAL	N000936924	\$319
AND NEUROLOGICAL DISORDERS	93.853		HOSPITAL	PSGSite223	\$2,228
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		MASSACHUSETTS GENERAL HOSPITAL	226396 1U01NS09025902	\$4,399
EXTRAMURAL RESEARCH PROGRAMS IN THE NEUROSCIENCES AND NEUROLOGICAL DISORDERS	93.853		COLD SPRING HARBOR LABORATORY	55970213 PO920971-SV	\$37,370
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		LABORATORT	33970213 FO920971-3V	\$227,293
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$271,004 \$1,044,349
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$61,355
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$180,217 \$221,570
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$81,499 \$301,419
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$82,256
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$318,342 \$351,765
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$169,613
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$207,715 \$131,498
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$169,563 \$416,214
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$532,952
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$872,837 \$125,582
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$1,964 \$146,675
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$146,675 \$34,047
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$24,453 \$1,139
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$172,002
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				-\$3,860 \$11,184
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$23,439
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$216,985 \$239,346
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$133,614 \$2,424
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$34,626
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$8,645 \$166
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$4,538
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$164,408 \$490,689
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$365,292
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$98,128 \$56,691
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$80,437 \$80,945
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$38,115
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$353 \$26,447
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$118,997 \$299,354
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$532,116
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$452,176 \$28.912
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$512,884
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$181,939 \$84,974
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$177,618 \$241,979
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$7,784
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$121,232 \$557,338
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$174,987
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$186,493 \$178,487
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$509,546 \$74,346
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$506,883
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$484,849 \$567,934
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$454,179
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$308,633 \$336,045
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$115,097 \$362,599
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$144,996
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$233,613 \$152,464
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$139,338
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$11,929 \$114,296
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$482,664 \$199,309
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$60,969
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$59,236 \$24,410
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$944,764
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855				\$16,087 \$66,061
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	121	1		\$125,913
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$103,323

	F. James	A . 1.4745 1	David Theory	Dan Thomas	
Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity	Federal Expenditures
Cluster Name/Program Title ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855	identification	Name	Identifying Number	\$5,084
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$6,305
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$62,508
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855				\$11,157
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		UNIVERSITY OF RHODE ISLAND	071420144509	\$18,515 \$71,803
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.000		BRIGHAM AND WOMENS	071420144309	\$71,802
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HOSPITAL	109925	\$363,412
			MAYO CLINIC ROCHESTER		
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		MINNESOTA	64006114	\$13 \$45,426
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF ROCHESTER BRIGHAM AND WOMENS	416991	\$45,136
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HOSPITAL	110285	\$211,221
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		MONASH UNIVERSITY	R01Al111965	\$21,370
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		CODAGENIX INCORPORATED	N/A	\$15,241
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF ROCHESTER	416461G	\$30,867
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		JOHNS HOPKINS UNIVERSITY	2002110194	\$384,476
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		AI BIOSCIENCES INCORPORATED	n/a	\$7,492
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HOCUSLOCUS LLC	1R41AI115834	\$10,172
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HOCUSLOCUS LLC	R41Al115834	\$164
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		WAYNE STATE UNIVERSITY	WSU15097	\$10,329
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		WITS HEALTH CONSORTIUM (PTY) LIMITED	D140414003	\$74,743
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF RHODE ISLAND	071420144509	-\$18
			TRUSTEES OF THE UNIVERSITY		•
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		OF PENNSYLVANIA	567978	\$41,105
ALLEDOV AND INFECTIOUS DISEASES DESCARDIN	00.055		RENSSELAER POLYTECHNIC	110070	605.000
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		INSTITUTE FAMILY HEALTH INTERNATIONAL	A12672 PO15003696	\$65,868 \$36,313
ALLEROT AND IN COTTOOD BIOLAGE RECEARCH	30.000		BRIGHAM AND WOMENS	1 0 1000000	ψ50,515
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HOSPITAL	PEA113237	\$23,455
			HAUPTMAN WOODWARD		
ALLEDOV AND INFECTIOUS DISEASES DESCADOLI	02.055		MEDICAL RESEARCH INSTITUTE INC	NIII II ITDO4 Co. E4	000.070
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		MAGEE-WOMENS RESEARCH	NIHHTP01Sub1	\$96,378
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		INSTITUTE AND FOUNDATION	4671	\$152,908
			UNIVERSITY OF TEXAS		ψ.02,000
			SOUTHWESTERN MEDICAL		
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		CENTER AT DALLAS	160504	\$260,885
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		DUKE UNIVERSITY JOHNS HOPKINS UNIVERSITY	CRACKLE II 2003024884	\$1,642 \$59,793
ALLERGY AND INI ECTIOUS DISEASES RESEARCH	93.033		ABCOMBI BIOSCIENCES	2003024004	φυσ,7 συ
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		INCORPORATED	R41AI124851	\$178,410
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		UNIVERSITY OF RHODE ISLAND	0000109316	\$101,062
ALLEDOV AND INFECTIOUS DISEASES DESCRIBED	00.055		UNIVERSITY OF TEXAS MD	0000 1010 /DO //000070000F	607.000
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		ANDERSON CANCER CENTER UNIVERSITY OF ROCHESTER	00004312/PO#3000780385 416922GURFAOGR510520	\$87,662 \$47,050
ALLENGT AND IN ECTIOUS DISEASES RESEARCH	93.033		ALBERT EINSTEIN COLLEGE OF	41092200111 AOORS10320	\$47,000
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		MEDICINE	311132	\$15,503
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HEALTH RESEARCH INC	558201	\$3,701
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		HEALTH RESEARCH INC HEALTH RESEARCH INC	556301 557501	\$4,749
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.000		THERAGNOSTIC TECHNOLOGIES	557501	\$2,170
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		INCORPORATED	1R43AI13195801	\$27,896
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HEALTH RESEARCH INC	556701	\$3,701
ALLERGY AND INFECTIOUS DISEASES RESEARCH ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HEALTH RESEARCH INC	556801 558301	\$4,187
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855 93.855		HEALTH RESEARCH INC UNIVERSITY OF ROCHESTER	558301 417028G	\$4,385 \$10,296
ALLERGY AND INFECTIOUS DISEASES RESEARCH	93.855		HEALTH RESEARCH INC	557401	\$4,385
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				-\$8,150
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$269,516
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$91,272 \$12,233
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$12,233 \$647,571
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$216,194
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$74,946
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$193,395 \$412.067
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$412,067 \$409,290
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$58,191
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$703,260
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$338,033
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$491,643 \$57,103
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$57,192 \$265,735
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$381,418
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$436,230
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$572,741
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$27,534 \$1,701
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$8,497
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$12,732
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$700
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$53,074 \$10,596
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$10,596 \$357
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$18,367
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$17,748
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$24,952 \$73,640
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859				\$72,640 \$57,152
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$57,152 \$59,868
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				-\$1,860
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$12,452
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	12	2		\$2,498 \$30,550
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859	12.	-		\$30,550 \$2,686
	23.000				Ψ2,000

Coloration Col		Federal CFDA	Additional Award	Pass-Through	Pass-Through	Federal
STOCK STOC	Cluster Name/Program Title			Entity Name	Entity Identifying Number	
SIDNALE CALL RESIDENCH AND RESEARCH TRANSMITTED STORY						
SIDURED-CL RESERVICH AND RESERVICH TRAINING \$3.000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000 \$1.0000						
SIGNATURAL RESIDENCY AND DESCRIPTION HONORISES \$3.671	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$83,658
SCHOOLS SCHOOL						
SOMETICAL RESPACES AND RESPACES TRANSMIC SOMETICAL RESPACES AND RESPA						
SOMETICAL RESEARCH AND RESEARCH TRAINING SORE SERVICE SORE SERVICE SORE						
SIGNEDICAL RESEARCH AND RESEARCH TRAINING 93.899 93.891 93						
BIOMEDICAL PERSONAL PAD BREARCH TRAINING 32.509 52.505 52.	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$1,916
SIGNATION-RESEARCH AND RESEARCH TRAINING 9.359 15.177 10.068 15.177 10.0						
SCHEDOLAL RESEARCH AND REBEARCH TRAINING 0.859 3.917.71 3.						
SCALEGON SECRETICAL PEDERACH AND RESPONDENT HARMING						
SIGNATIONAL RESERVENT MAY DESCRIPT TRAINING \$3.859						
SIGNEPOIDAL, RESPACE AND RESPACE TRAINING \$312.631						\$345,292
SIGNEDICAL RESPRICH AND RESPANCH TRAINING \$3.559 \$1.503 \$1						
SCHARPICAL RESPARCH AND RESPARCH TRANSHING S389 S229,455 S		93.859				
SOMEPICAL RESPARCH AND RESPARCH TRANNING \$3.859 \$3.841, \$3.25 \$3.859 \$3.85						
SIOMEDICAL RESPACE AND RESPACE THANING \$3.559 \$3.550 \$3.55						
SIGNEDICAL RESEARCH AND RESEARCH TRANNING 33.959 33	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$302,676
SIONEDICAL RESEARCH AND RESEARCH TRANNING						
SOMEPICIAL RESEARCH AND RESEARCH TRAINING \$3.959 \$20.250 \$2.050 \$						
BIOMEPICIAL RESEARCH AND RESEARCH TRAINING 93.599 9						
SIMPEDICAL RESEARCH AND RESEARCH TRAINING 93.599 93						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.899 \$51.51.51.51 \$50.52.5	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$78,652
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$214,715						
SIGNEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$38.3711 \$38.711						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING \$3,859 \$442,100						
BIOMEDICAL RESEARCH AND RESEARCH TEARNING \$3.859 \$3.859 \$3.82,525 \$3.80,051 \$3						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 93.859 93.859 93.850 93	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$442,190
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93,859 \$349,724						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 33.599 3.521,743						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$221,743 \$20.6134						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 38.550 38.551 38.552,711 38.06EDICAL RESEARCH TRAINING 93.859 38.552,711 38.06EDICAL RESEARCH TRAINING 93.859 38.552,711 38.06EDICAL RESEARCH TRAINING 93.859 38.57,415 38.57,415 38.06EDICAL RESEARCH TRAINING 93.859 38.57,415 38.57,415 38.06EDICAL RESEARCH TRAINING 93.859 38.57,415 38.57,415 38.06EDICAL RESEARCH AND RESEARCH TRAINING 93.859 38.552,943 38.57,415 38.57,						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING \$3.859 \$156,869 \$166,869 \$160,860 \$157,415 \$159,527 \$100,860 \$160,860 \$157,415 \$159,527 \$100,860 \$159,527 \$100,860 \$160,860	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$265,134
BIOMEDICAL RESEARCH AND RESEARCH TRAINING \$3.859 \$159.527 \$100.0000000000000000000000000000000000						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$30.955 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$0.955 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$0.955 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$27.246 \$27.	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$195,927
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 38.959 38						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$272.861 \$373.425 \$373.425 \$373.425 \$375.4157 \$300.0000000000000000000000000000000000						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$754.157						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$287.322						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$29,355 \$29,055 \$25,559 \$20	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$297,322
\$29,422						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$171.065 \$165.377 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$56.871 \$56.871 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.00000 \$10.000000 \$10	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$29,422
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$166.377 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$151.862 \$56.871 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$26.1016 \$261.						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$261.062						
SIGNEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$251.615 \$255.615						
SIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$25,455 \$3.859 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,845 \$23.39,962 \$28.00 \$28.						
BIOMEDICAL RESSEARCH AND RESEARCH TRAINING 93.859 \$383,793 \$380 \$383,093 \$380 \$389 \$	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$255,455
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$289,092						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$383.473 810MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$15.826 810MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$155.826 810MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$155.826 810MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$160MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$160MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$160MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$171.190 \$						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$383,473 \$155,826 \$155,826 \$155,826 \$156,826						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$155.826 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$186.880 \$186.142 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$171.900 \$171						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$186,142 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$171,190 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$146,080 \$146,080 \$146,080 \$146,080 \$146,080 \$146,080 \$146,080 \$160 \$	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$155,826
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$171,190 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$146,080 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$448,832 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$207,692 \$227,6						
SIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$448,832						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$207,692						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$253,689 \$10MEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$35,025						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$101,805 \$101,805 \$104,0139 \$104,0139 \$104,0139 \$104,0139 \$100 \$10	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$253,689
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$101,805 \$101,805 \$100 \$1						
\$62,629						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$27,274						
\$49,101						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 \$59,337 \$44,937 \$	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$49,101
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH BIOMED						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 BIOMEDICAL RESEARCH BIOMEDICAL RESEARC						
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 WASHINGTON UNIVERSITY 2917153T WU1271 \$1,184 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 CALIFORNIA 16814817 \$4,479 BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 123 MOUNT SINAI 0255-6991-4609 \$46,274	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859				\$44,737
REGENTS OF THE UNIVERSITY OF BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 CALIFORNIA 6814817 \$4,479 ICAHN SCHOOL OF MEDICINE AT BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 123 MOUNT SINAI 0255-6991-4609 \$46,274				WASHINGTON UNIVERSITY	2917153T WU1271	
ICAHN SCHOOL OF MEDICINE AT BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 123 MOUNT SINAI 0255-6991-4609 \$46,274				REGENTS OF THE UNIVERSITY OF		
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 123 MOUNT SINAI 0255-6991-4609 \$46,274	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859			6814817	\$4,479
BIOMEDICAL RESEARCH AND RESEARCH TRAINING 93.859 RUTGERS UNIVERSITY \$2085186 \$2,065			123	MOUNT SINAI		
	BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		RUTGERS UNIVERSITY	S2085186	\$2,065

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		DARTMOUTH COLLEGE REGENTS OF THE UNIVERSITY OF	1516	\$70,278
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		MICHIGAN	3003364929	\$77,103
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		PRESIDENT AND FELLOWS OF HARVARD COLLEGE MEMORIAL SLOAN KETTERING	167905 5080626	\$149,165
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		CANCER CENTER ALBANY MEDICAL COLLEGE	BD516697B 290265SUNYRF	\$30,426 \$59,348
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		TEXAS A&M AGRILIFE RESEARCH HOCUSLOCUS LLC	06S150668 R41GM114935	\$110,414 \$5,970
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		SAN DIEGO STATE UNIVERSITY	SA0000498	\$38,913
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		UNIVERSITY OF DELAWARE UNIVERSITY OF GEORGIA	41228 RR166622S000783	\$100,574 \$54,928
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		SYRACUSE UNIVERSITY UNIVERSITY OF NORTH	2786704120S01	\$199,814
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		CAROLINA UNIVERSITY OF ALABAMA WORCESTER POLYTECHNIC	5102940 000507353001	\$17,991 \$5,159
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		INSTITUTE BROWN UNIVERSITY WILLIAM MARSH RICE	1621094000 00000943	\$178,121 \$17,875
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		UNIVERSITY	R22773	\$99,189
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		UNIVERSITY OF ALABAMA OCCIDENTAL COLLEGE	000507353001 OXY000001	\$24,476 \$1,023
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		SAN DIEGO STATE UNIVERSITY	SA0000498	\$110,394
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		CH3 BIOSYSTEMS LLC	NA	\$9,944
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		TEXAS A&M AGRILIFE RESEARCH SHASQI INCORPORATED	06S170614 ExhibitA1	\$38,530 \$31,945
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HEALTH RESEARCH INC	15041002	\$9,498
BIOMEDICAL RESEARCH AND RESEARCH TRAINING BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859 93.859		HEALTH RESEARCH INC HEALTH RESEARCH INC	15041102 556901	\$4,148 \$4,749
BIOMEDICAL RESEARCH AND RESEARCH TRAINING	93.859		HEALTH RESEARCH INC	560201	\$4,749 \$4,148
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$2,265
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865				\$10,697
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$262,200
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$548,772
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$85,565
RESEARCH	93.865				\$283,711
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$43,034
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$440,350
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$81,218
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		JOHNS HOPKINS UNIVERSITY	2002894170	\$261,063
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$331,684
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$398,344
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$36,706
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$250
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$180
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$22,966
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$27,634
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$73,282
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$106,252
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$63,848
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$147,785
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$82,610
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$121,598
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$73,807
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$231,118
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$75,002
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$246,322
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$262,497
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$341,159
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865				\$149,268
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865	12	24		\$95,363
RESEARCH	93.865				\$31,996

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF ROCHESTER BOARD OF REGENTS OF THE	415741-G	\$97,439
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	RS2013076901	\$2,000
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		JOHNS HOPKINS UNIVERSITY	2002066914	\$19,293
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		UNIVERSITY OF GEORGIA	RR376416S000740	\$19,400
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		OREGON HEALTH & SCIENCE UNIVERSITY	1005923RFSUNY	\$361,523
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		TRUSTEES OF INDIANA UNIVERSITY	IN4689814UB	\$2,330
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH	93.865		HARVARD UNIVERSITY	N/A	\$72,454
CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		NEW YORK BLOOD CENTER	3046015	\$41,121
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		TUFTS UNIVERSITY SOUTHERN METHODIST	HH4040	\$9,029
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		UNIVERSITY	G0015417510	\$18,578
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		UNIVERSITY OF ROCHESTER	416868	\$97,912
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		HARVARD UNIVERSITY MEDICAL UNIVERSITY OF SOUTH	11420512765096812	\$636,468
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		CAROLINA REGENTS OF THE UNIVERSITY OF	MUSC16D618B465	\$24,949
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		CALIFORNIA PENNSYLVANIA STATE	0845GUA171	\$24,732
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		UNIVERSITY	SUNYHD038992	\$20,544
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		NEW YORK BLOOD CENTER	3047702	\$56,093
RESEARCH CHILD HEALTH AND HUMAN DEVELOPMENT EXTRAMURAL	93.865		NEW YORK BLOOD CENTER CHILDRENS RESEARCH	3047913	\$34,277
RESEARCH AGING RESEARCH	93.865 93.866		INSTITUTE	30003703-01	\$22,785 \$3,674
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$15,911 \$14,280
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$370,235 \$578,121
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$77,412 \$468,671
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$290,209 \$29,386
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$42,699 \$1,979
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$157,784 \$278,164
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$368,207 \$97,466
AGING RESEARCH AGING RESEARCH	93.866 93.866				\$123,822 \$20,683
AGING RESEARCH	93.866		BOARD OF REGENTS OF THE		\$32,644
AGING RESEARCH	93.866		UNIVERSITY OF WISCONSIN SYSTEM	269K964	\$6,169
AGING RESEARCH AGING RESEARCH	93.866 93.866		UNIVERSITY OF ALABAMA COLUMBIA UNIVERSITY NATIONAL BUREAU OF ECONOMIC RESEARCH	UA12061 1GG01177901 PO:G11372	\$210,550 \$27,935
AGING RESEARCH AGING RESEARCH	93.866 93.866		INCORPORATED UNIVERSITY OF ROCHESTER	334051SUNY 416472G	\$4,143 \$46,497
AGING RESEARCH	93.866		TRUSTEES OF PRINCETON UNIVERSITY	SUB0000070	\$3,497
AGING RESEARCH	93.866		TRUSTEES OF PRINCETON UNIVERSITY	SUB0000097	\$11,038
			TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW		ψ,σσσ
AGING RESEARCH	93.866		YORK RENSSELAER POLYTECHNIC	3GG012126	\$58,358
AGING RESEARCH	93.866		INSTITUTE OREGON HEALTH & SCIENCE	A12193	\$34,362
AGING RESEARCH AGING RESEARCH	93.866 93.866		UNIVERSITY UNIVERSITY OF MICHIGAN TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW	9008468SB 3004154934	\$114,635 \$5,302
AGING RESEARCH	93.866		YORK NATIONAL BUREAU OF ECONOMIC RESEARCH	3GG01212601	\$129,679
AGING RESEARCH	93.866		INCORPORATED UNIVERSITY OF CALIFORNIA AT	334051SUNY	\$8,393
AGING RESEARCH	93.866		SAN DIEGO PENNSYLVANIA STATE	79787001	\$102,813
AGING RESEARCH VISION RESEARCH	93.866 93.867		UNIVERSITY	5486SBUNIHNIH2167	\$32,594 \$16,115
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$480,058 \$8,198
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$5,578 \$40,208
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$20,360 \$46,498
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$58,658 \$118,938
VISION RESEARCH VISION RESEARCH	93.867 93.867	125	5		\$61,994 -\$1
VISION RESEARCH	93.867				\$78,842

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
VISION RESEARCH	93.867			,	-\$29,170
VISION RESEARCH	93.867				\$39,991
VISION RESEARCH	93.867				\$816
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$334,323 \$82,187
VISION RESEARCH	93.867				\$456,957
VISION RESEARCH	93.867				\$393,430
VISION RESEARCH	93.867				\$141,240
VISION RESEARCH	93.867				\$412,665
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$169,551 \$412,565
VISION RESEARCH	93.867				\$297,982
VISION RESEARCH	93.867				\$27,778
VISION RESEARCH	93.867				\$343,676
VISION RESEARCH	93.867				\$182,320
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$289,801 \$172.913
VISION RESEARCH	93.867				\$489,936
VISION RESEARCH	93.867				\$290,005
VISION RESEARCH	93.867				\$303,376
VISION RESEARCH	93.867				\$316,433
VISION RESEARCH	93.867				\$21,293
VISION RESEARCH VISION RESEARCH	93.867 93.867				\$178,598 \$21,038
VISION RESEARCH	93.867				\$21,036 \$149,380
VISION RESEARCH	93.867				\$93,926
VISION RESEARCH	93.867				\$24,488
			JAEB CENTER FOR HEALTH		
VISION RESEARCH	93.867		RESEARCH INCORPORATED CHILDREN'S HOSPITAL OF	U10EY11751	\$390
VISION RESEARCH	93.867		PHILADELPHIA MEDICAL UNIVERSITY OF SOUTH	3209850815	-\$194
VISION RESEARCH VISION RESEARCH	93.867 93.867		CAROLINA REGENTS OF THE UNIVERSITY OF MINNESOTA	MUSC14002 A003838501 44313	-\$296 \$18,658
VISION RESEARCH	93.867		UNIVERSITY OF CHICAGO	FP044673	\$18,658 \$45,547
VISION RESEARCH	93.867		SYRACUSE UNIVERSITY	28512-04278-S01	\$2,500
VISION RESEARCH	93.867		SALUS UNIVERSITY	877032016SUNY	\$12,188
WOLDN DEGENDAN			MASSACHUSETTS EYE AND EAR		***
VISION RESEARCH VISION RESEARCH	93.867 93.867		INFIRMARY UNIVERSITY OF ARIZONA UNIVERSITY OF NORTH	200000000032919 2R01EY00953224	\$28,296 \$28,188
VISION RESEARCH	93.867		CAROLINA AT CHAPEL HILL	5107166	\$20,106
MEDICAL LIBRARY ASSISTANCE	93.879		OAROLINA AT OHAT LETTILL	3107100	\$20,500
MEDICAL LIBRARY ASSISTANCE	93.879				\$50,106
MEDICAL LIBRARY ASSISTANCE	93.879				\$500
MEDICAL LIBRARY ASSISTANCE	93.879		DUTCEDO LINIVEDOITY	D0700045 D0750050	\$41,250
MEDICAL LIBRARY ASSISTANCE	93.879		RUTGERS UNIVERSITY UNIVERSITY OF ILLINOIS AT	P0708945 P0752659	\$25,258
MEDICAL LIBRARY ASSISTANCE	93.879		CHICAGO	16023	\$11,831
MEDICAL LIBRARY ASSISTANCE	93.879		RUTGERS UNIVERSITY	8297 PO457849	\$121,059
HIV EMERGENCY RELIEF PROJECT GRANTS GRANTS TO PROVIDE OUTPATIENT EARLY INTERVENTION	93.914		SOUTHAMPTON HOSPITAL	NA	\$23
SERVICES WITH RESPECT TO HIV DISEASE	93.918		ERIE COUNTY MEDICAL CENTER	NA	\$850
TRAUMA CARE SYSTEMS PLANNING AND DEVELOPMENT INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.952		UNIVERSITY OF ROCHESTER	416406	\$35,686
INTERNATIONAL RESEARCH AND RESEARCH TRAINING INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989 93.989				\$402,979 \$131,420
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989				-\$59
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989				\$128,862
INTERNATIONAL RESEARCH AND RESEARCH TRAINING	93.989				\$3,917
MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	00.004		NIVO DEDA DEMENIT OF LIEALTH	0000040	0070.044
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C026816	\$276,044
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C026816	\$298,432
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C026997	\$144,273
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C030520	\$43,636
THE STATES MATERNAL AND CHILD HEALTH SERVICES BLOCK GRANT TO	93.994		NYS DEPARTMENT OF HEALTH	C030520	\$51,212
THE STATES SOCIAL SECURITY_RESEARCH AND DEMONSTRATION	93.994 96.007		NYS DEPARTMENT OF HEALTH BOSTON COLLEGE	DOH01-C32134GG-3450000 5002099S6	\$161,677 \$19,829
SOCIAL SECURITY_RESEARCH AND DEMONSTRATION	96.007		REGENTS OF THE UNIVERSITY OF MICHIGAN NYS DIVISION OF HOMELAND SECURITY AND EMERGENCY	3003892211UM16-07	\$20,169
HAZARD MITIGATION GRANT	97.039		MANAGEMENT SERVICES	c000712 40850009	\$15,939,927
PRE-DISASTER MITIGATION	97.047		UNIVERSITY OF IDAHO	IBK718-SB-001 PO#P0047952	\$56,977
PRE-DISASTER MITIGATION	97.047		UNIVERSITY OF IDAHO	IBK-055-SB-001/P0050620	\$82,575
CENTERS FOR HOMELAND SECURITY	97.061		UNIVERSITY OF MARYLAND UNIVERSITY OF SOUTHERN	Z901212	\$203,864
CENTERS FOR HOMELAND SECURITY	97.061		CALIFORNIA BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	66145670	\$6,238
CENTERS FOR HOMELAND SECURITY	97.061		SYSTEM BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	641K476	\$555
CENTERS FOR HOMELAND SECURITY	97.061		SYSTEM UNIVERSITY OF ILLINOIS URBANA	640K603	\$664
CENTERS FOR HOMELAND SECURITY UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	97.061 98.000		CHAMPAIGN	077083-16370	\$45,207 \$47,613
UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT	98.000		INNOVATIONS FOR POVERTY ACTION	NA	\$42,753
LICAID EODEION ACCICTANCE FOR RECORANC OVERCEAS	00.004		RESEARCH FOUNDATION OF CITY	CMOOOCCCCC	640.004
USAID FOREIGN ASSISTANCE FOR PROGRAMS OVERSEAS TOTAL RESEARCH AND DEVELOPMENT PROGRAMS	98.001	126	UNIVERSITY OF NEW YORK	CM0000002200	\$12,664 \$394,880,804

	Federal	Additional	Page-Through	Page-Through	
Cluster Name/Program Title	CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
SNAP CLUSTER PROGRAMS	Number	lacitation		identifying Number	Expenditures
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C021534	\$100,313
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE			NYS OFFICE OF TEMPORARY &		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C021525	\$80,982
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	C005171	\$984,729
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		DISABILITY ASSISTANCE	C005166	\$139,458
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005172	\$137,543
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005169	\$429,533
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE			NYS OFFICE OF TEMPORARY &		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD	\$461,949
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM STATE ADMINISTRATIVE MATCHING GRANTS FOR THE	10.561		DISABILITY ASSISTANCE NYS OFFICE OF TEMPORARY &	TBD	\$1,114,776
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		DISABILITY ASSISTANCE	NA	\$72,715
STATE ADMINISTRATIVE MATCHING GRANTS FOR THE SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.561		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005285	\$119,286
			NYS OFFICE OF CHILDREN AND		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C26760	\$458
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	C023001	\$532
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES	C005179	\$139,336
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185	\$27,286
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$9,561
			NYS OFFICE OF CHILDREN AND		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF TEMPORARY &	TBD	\$85,996
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE	C005288	\$256,801
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005284	\$849,594
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C005289	\$132,932
			NYS OFFICE OF TEMPORARY &		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	C005287	\$372,967
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$150,966
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		FAMILY SERVICES	N/A	\$30,063
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	TBD	\$382,769
			NYS OFFICE OF TEMPORARY &		
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM	10.551		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	TBD	\$1,111,001
SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM TOTAL SNAP CLUSTER PROGRAMS	10.551		FAMILY SERVICES	TBD	\$69,875 \$7,261,421
SPECIAL EDUCATION CLUSTER (IDEA) PROGRAMS					
SPECIAL EDUCATION_GRANTS TO STATES	84.027		NYS EDUCATION DEPARTMENT	C012288	-\$3,873
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION_GRANTS TO STATES	84.027 84.027		NYS EDUCATION DEPARTMENT MULTIPLE SPONSORS	C012288 na	\$30,256 \$32,115
SPECIAL EDUCATION_GRANTS TO STATES	84.027		NYS EDUCATION DEPARTMENT UNIVERSITY OF NORTH	C012091	\$140,117
SPECIAL EDUCATION_GRANTS TO STATES	84.027		CAROLINA AT CHARLOTTE	PO P1628182	\$23,225
SPECIAL EDUCATION_GRANTS TO STATES SPECIAL EDUCATION GRANTS TO STATES	84.027 84.027		NYS EDUCATION DEPARTMENT NYS EDUCATION DEPARTMENT	C012288 C012091	\$487,228 \$85,411
_			NEW YORK CITY BOARD OF		
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION NEW YORK CITY BOARD OF	331800880148/PL 611	\$136
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		EDUCATION NEW YORK CITY DEPARTMENT	331800880148/PL 619	\$2,090
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		OF EDUCATION	N/A	\$41,196
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		NEW YORK CITY DEPARTMENT OF EDUCATION	N/A	\$63,136
	84.173		NEW YORK CITY BOARD OF EDUCATION	331800880148/PL 611	
SPECIAL EDUCATION_PRESCHOOL GRANTS			NEW YORK CITY DEPARTMENT		\$55,529
SPECIAL EDUCATION_PRESCHOOL GRANTS	84.173		OF EDUCATION NEW YORK CITY BOARD OF	N/A	\$5,271
SPECIAL EDUCATION_PRESCHOOL GRANTS TOTAL SPECIAL EDUCATION CLUSTER (IDEA) PROGRAMS	84.173		EDUCATION	331800880148/PL 619	\$3,845 \$965,682
TANF CLUSTER PROGRAMS					
			NYS OFFICE OF CHILDREN AND		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558		FAMILY SERVICES STONY BROOK UNIVERSITY	TBD C027768	\$1,316,657 \$157,035
			NYS OFFICE OF CHILDREN AND		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$420,417
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	TBD	\$1,576,043
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES	C26760	\$467
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$1,259
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF TEMPORARY & DISABILITY ASSISTANCE	C002851MOU002822	\$765,024
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		STONY BROOK UNIVERSITY	C002851MO0002822 C001998	\$765,024 \$82,659
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005179	\$218,441
		127	NYS OFFICE OF CHILDREN AND		
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558	· - ·	FAMILY SERVICES	C005183	\$412,982

Cluster Name/Program Title	Federal CFDA Number	Additional Award Identification	Pass-Through Entity Name	Pass-Through Entity Identifying Number	Federal Expenditures
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005187	\$108,164
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005188	\$28,195
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005178	\$228,581
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005181	\$339,201
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005185	\$221,166
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005182	\$135,023
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C005180	\$335,378
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	C023001	\$10,176
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	\$27,664
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		ESSEX COUNTY DEPARTMENT OF SOCIAL SERVICES	DSS160055	\$41,165
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$439,748
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FRANKLIN COUNTY DEPARTMENT	IBD	\$237,770
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		OF SOCIAL SERVICES NYS OFFICE OF TEMPORARY &	N/A	\$22,181
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		DISABILITY ASSISTANCE NYS OFFICE OF CHILDREN AND	C002851	\$2,942,150
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$91,843
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$205,815
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$97,039
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$293,022
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		FAMILY SERVICES NYS OFFICE OF CHILDREN AND	N/A	\$23,388
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558 93.558		FAMILY SERVICES STONY BROOK UNIVERSITY	N/A NA	\$237,880 \$70,358
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		CLINTON COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	\$18,961
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		ESSEX COUNTY DEPARTMENT OF SOCIAL SERVICES	N/A	
TEMPORARY ASSISTANCE FOR NEED FFAMILIES	93.336		FRANKLIN COUNTY DEPARTMENT	IVA	\$26,696
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		OF SOCIAL SERVICES	N/A	\$11,358
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$343,485
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$359,345
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		NYS OFFICE OF CHILDREN AND FAMILY SERVICES	TBD	\$179,829
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES	93.558		STONY BROOK UNIVERSITY NYS OFFICE OF CHILDREN AND	NA	\$11,078
TEMPORARY ASSISTANCE FOR NEEDY FAMILIES TOTAL TANF CLUSTER PROGRAMS	93.558		FAMILY SERVICES	C027970	\$6,569 \$12,044,212
TRIO CLUSTER PROGRAMS TRIO STUDENT SUPPORT SERVICES	84.042				\$171,400
TRIO_STUDENT SUPPORT SERVICES	84.042				\$564,271
TRIO_STUDENT SUPPORT SERVICES TRIO_STUDENT SUPPORT SERVICES	84.042 84.042				\$280,300 \$209,803
TRIO_STUDENT SUPPORT SERVICES	84.042 84.042				\$223,505
TRIO_STUDENT SUPPORT SERVICES TRIO_STUDENT SUPPORT SERVICES	84.042				\$67,862 \$260,766
TRIO_STUDENT SUPPORT SERVICES TRIO TALENT SEARCH	84.042 84.044				\$294,045 \$59,094
TRIO_TALENT SEARCH	84.044				\$60,150
TRIO_TALENT SEARCH TRIO_TALENT SEARCH	84.044 84.044				\$245,775 \$250,257
TRIO_UPWARD BOUND	84.047				\$551,300
TRIO_UPWARD BOUND TRIO_UPWARD BOUND	84.047 84.047				\$296,194 \$259,730
TRIO_UPWARD BOUND	84.047				\$383,517
TRIO_UPWARD BOUND TRIO_UPWARD BOUND	84.047 84.047				\$402,677 \$517,888
TRIO_UPWARD BOUND	84.047				\$214,745
TRIO_UPWARD BOUND TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.047 84.217				\$66,290 -\$105
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217				\$295,594
TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT TRIO_MCNAIR POST-BACCALAUREATE ACHIEVEMENT	84.217 84.217				\$261,039 \$215,938
TOTAL TRIO CLUSTER PROGRAMS WIA CLUSTER PROGRAMS					\$6,152,035
WIAWIOA YOUTH ACTIVITIES	17.259		GLOW WORKFORCE INVESTMENT BOARD	PY2015-16	\$816
WIAWIOA DISLOCATED WORKER FORMULA GRANTS TOTAL WIA CLUSTER PROGRAMS	17.278		NYS DEPARTMENT OF LABOR	C015345	\$49,619 \$50,435

	Federal Additional		Outstanding
	CFDA	Award	Balance
Federal Grantor/Program Title	Number	Identification	at 6/30/2017

RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NY NOTES TO THE SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS Year Ended June 30, 2017

Significant Accounting Policies Used in Preparing the SEFA

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 Catalog of Federal Domestic Assistance (CFDA) number, as indicated on the schedule. CFDA and pass through numbers are presented where available. Amounts passed through to the subrecipients are reported separately on the Schedule.

10% De Minimis Cost Rate

The auditee did not elected to use the 10% de minimis cost rate as covered in 2 CFR 200.414 Indirect (F&A) cost.

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 ad Human Services.



KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With Government Auditing Standards

The Board of Directors
The Research Foundation for
The State University of New York:

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of The Research Foundation for The State University of New York (the RF), which comprise the statement of financial position as of June 30, 2017, 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 October 19, 2017.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the RF's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the RF's internal control. Accordingly, we do not express an opinion on the effectiveness of the RF's internal control.

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

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

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the RF's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.



Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the RF'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 RF's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



October 19, 2017



KPMG LLP 515 Broadway Albany, NY 12207-2974

Independent Auditors' Report on Compliance for Each Major Federal Program; Report on Internal Control Over Compliance; and Report on Schedule of Expenditures of Federal Awards 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

We have audited The Research Foundation for the State University of New York's (the RF's) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on each of the RF's major federal programs for the year ended June 30, 2017. The RF's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with federal statutes, regulations, and the terms and conditions of its federal awards applicable to its federal programs.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance for each of the RF's major federal programs based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about The RF's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. However, our audit does not provide a legal determination of the RF's compliance.

Opinion on Each Major Federal Program

In our opinion, the RF 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, 2017.

Report on Internal Control Over Compliance

Management of the RF is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the RF's internal control over compliance with the types of requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the RF's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or 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 first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

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

We have audited the financial statements of the RF as of and for the year ended June 30, 2017, and have issued our report thereon dated October 19, 2017, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the financial statements as a whole.



December 22, 2017

Summary of Auditors'	Results				
Financial Statements					
	issued on whether financial red in accordance with U.S. punting principles:	Unmod	ified		
Internal control over fina	ancial reporting:				
 Material weakness(es) identified?		Yes	X	No
Significant deficient not considered to be	cy(ies) identified e material weaknesses?		Yes	_X_	None reported
Noncompliance materia statements noted?	l to the financial		Yes	_X_	No
Federal Awards					
Internal control deficien disclosed by the audit:	cies over major programs				
 Material weakness(es) identified?		Yes	X	No
Significant deficient not considered to be	cy(ies) identified e material weaknesses?		Yes	_X_	None reported
Type of auditors' report for major programs		Unmod	ified		
Any audit findings discler reported in accorda	osed that are required to be nce with 2 CFR?		Yes	_X_	No
Identification of Major P	Programs				
Name of	federal program or cluster			CFDA I	numbers
Migrant Ed Department Child Care a Cr	n and Development Cluster ucation State Grant Program of Health and Human Services nd Development Fund Cluster hild Welfare Services d Support Enforcement	Various 84.011 93.000 Various 93.648 93.563			.011 .000 rious .648
Dollar threshold used to type A and type B p	-	\$3,000,	,000		
Auditee qualified as low	r-risk auditee?		Yes	X	No

(1)

(2) Findings Relating to the Financial Statements Reported in Accordance with Government Auditing Standards
None.
(3) Findings and Questioned Costs Related to Federal Awards
None.

THE RESEARCH FOUNDATION FOR

THE STATE UNIVERSITY OF NEW YORK

Summary of Prior Year Findings

Year ended June 30, 2017

Prior Year Finding Reference	Program and CFDA Number	Compliance Requirement	Summary of Finding	Status
2016-001	No federal programs impacted.	Preparation of financial statements in accordance with GAAP.	In 2016, management determined that a lease agreement with a related party on the NanoFabXtension (NFX) facility required accounting treatment as a capital lease, as opposed to an operating lease, which was the original determination and accounting made by management in prior years. The RF restated its 2015 financial statements to properly account for and present the NFX lease as a capital lease. The restatement of the 2015 financials indicated the RF had a material weakness in its internal control over financial reporting.	Corrective action was taken. Management acknowledges the impact of the restatement was material, and notes it was management that identified the need to change the accounting and has corrected the financial statements accordingly. Management has instituted additional monthly communication with the related parties to share information and help ensure consistent, accurate and complete reporting. Management has reinforced controls over operations and significant transactions at the RF's operating location at SUNY Poly. Management continuously reviews the RF control environment and as needed will further reinforce existing controls over authorization for entering into agreements and compliance with their terms.