

OMB Circular A-133 Audit Report

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Year ended June 30, 2009

# **Table of Contents**

	Page
Independent Auditors' Report	1
Financial Statements:	
Balance Sheets	3
Statements of Activities	4
Statements of Cash Flows	5
Notes to Financial Statements	6
Schedule of Expenditures of Federal Awards	26
Notes to Schedule of Expenditures of Federal Awards	53
Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With <i>Government</i> <i>Auditing Standards</i>	61
Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control over Compliance in Accordance with OMB Circular A-133	63
Schedule of Findings and Questioned Costs	65
Summary of Prior Year's Findings and Questioned Costs (Not Covered by Auditors' Reports)	74



**KPMG LLP** 515 Broadway Albany, NY 12207

# **Independent Auditors' Report**

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

We have audited the accompanying balance sheet of The Research Foundation of State University of New York (the RF) as of June 30, 2009, and the related statements of activities, and cash flows for the year then ended. These financial statements are the responsibility of the RF's management. Our responsibility is to express an opinion on these financial statements based on our audits. The financial statements of the RF as of and for the year ended June 30, 2008 were audited by other auditors whose report, dated September 19, 2008, expressed an unqualified opinion on those statements.

We conducted our audit 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 of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the RF's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the 2009 financial statements referred to above present fairly, in all material respects, the financial position of The Research Foundation of State University of New York as of June 30, 2009, and the changes in its net assets and its cash flows for the year then ended in conformity with U.S. generally accepted accounting principles.

In accordance with *Government Auditing Standards*, we have also issued a report dated August 25, 2009 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 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 internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.



Our audit was conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the U.S. Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations,* and is not a required part of the basic financial statements. The schedule of expenditures of federal awards has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated, in all material respects, in relation to the basic financial statements taken as a whole.



August 25, 2009

#### **Balance Sheets**

# June 30, 2009 and 2008

Assets	2009	2008
Current assets:		
Cash and cash equivalents \$	8,840,237	219,404
Accounts receivable, net	156,849,369	178,594,485
Advances to others	14,512,133	9,950,101
Short-term investments	184,858,471	209,831,895
Short-term investments – designated for post-retirement		6 190 000
benefit obligation Due from broker for securities sold	618,384	6,180,000 4,344,924
Other assets	3,291,450	2,919,667
Total current assets	368,970,044	412,040,476
Noncurrent assets:	50 508 586	97,656,614
Long-term investments Long-term investments – designated for post-retirement benefit	59,508,586	97,030,014
obligation		75,901,790
Fixed assets, net	23,883,861	22,057,515
Other assets	2,621,598	2,561,983
Total noncurrent assets	86,014,045	198,177,902
Total assets \$	454,984,089	610,218,378
ilities and Net Assets		
Current liabilities:	(1.044.000	(2 100 720
Accounts payable and accrued expenses \$	61,044,920	63,422,730
Accrued compensation Accrued vacation	21,487,221 26,440,127	18,326,682 24,697,383
Deferred revenue	163,531,476	170,761,364
Deposits held for others	44,679,365	49,240,036
Current portion of post-retirement benefit obligation		6,180,000
Due to broker for securities purchased	5,944,400	5,696,074
Current portion of long-term debt	666,952	952,658
Line of credit		25,605,729
Total current liabilities	323,794,461	364,882,656
Noncurrent liabilities:	020,771,101	
Deposits held for others	1,037,306	3,451,556
Post-retirement benefit obligation, net of current portion	187,640,000	206,899,000
Long-term debt, net of current portion	5,593,378	6,415,107
Other liabilities	3,164,867	2,755,147
Total noncurrent liabilities	197,435,551	219,520,810
Total liabilities	521,230,012	584,403,466
Net (deficit) assets:		
Unrestricted	(66,245,923)	25,814,912
Total liabilities and net assets \$	454,984,089	610,218,378
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See accompanying notes to financial statements.

Statements of Activities

Years ended June 30, 2009 and 2008

	-	2009	2008
Revenues: Grants awarded for research and other sponsored activities Investment loss, net Inventions and licenses income Other income	\$	846,021,460 (63,312,585) 13,791,952 24,261,250	794,324,700 (7,010,444) 17,976,431 12,851,145
Total revenues	_	820,762,077	818,141,832
Expenses: Sponsored programs and other activities Administration and support Total expenses Change in net assets from revenues and expenses	-	721,252,422 172,810,490 894,062,912 (73,300,835)	665,711,307 182,678,739 848,390,046 (30,248,214)
Post-retirement related (charge) credit other than net periodic benefit costs	_	(18,760,000)	4,272,000
Net decrease in net assets		(92,060,835)	(25,976,214)
Net assets at beginning of year	_	25,814,912	51,791,126
Net (deficit) assets at end of year	\$	(66,245,923)	25,814,912

See accompanying notes to financial statements.

Statements of Cash Flows

Years ended June 30, 2009 and 2008

	2009	2008
Cash flows from operating activities: Federal grants and contracts State and local grants and contracts Private grants and contracts Other receipts Salaries and wages payments Employee benefits payments Payments to suppliers/vendors Operating interest and dividends Equity investment partnership income Interest payments on capital debt/notes Other payments	\$ $\begin{array}{c} 527,442,191\\ 157,292,441\\ 152,010,724\\ 218,360,589\\ (390,492,712)\\ (131,801,103)\\ (431,739,728)\\ 7,501,641\\ 1,928,038\\ (268,195)\\ (78,232,393) \end{array}$	494,523,449 141,228,890 186,712,842 227,679,508 (377,989,136) (125,079,037) (395,684,087) 10,077,676 1,833,236 (299,834) (68,868,812)
Net cash provided by operating activities	32,001,493	94,134,695
Cash flows from investing activities: Proceeds from sales of investments Purchases of investments Equity investment partnership distribution Cash paid for purchases of fixed assets	693,688,167 (685,330,116) 1,385,000 (6,410,547)	599,052,880 (697,720,477) 1,035,000 (6,237,008)
Net cash provided by (used in) investing activities	3,332,504	(103,869,605)
Cash flows from financing activities: Principal payments on long-term debt Proceeds from line of credit Payments on line of credit	(1,107,435) 34,223,530 (59,829,259)	(1,685,257) 53,359,225 (42,367,361)
Net cash (used in) provided by financing activities	(26,713,164)	9,306,607
Net increase (decrease) in cash and cash equivalents	8,620,833	(428,303)
Cash and cash equivalents, beginning of year	219,404	647,707
Cash and cash equivalents, end of year	\$ 8,840,237	219,404
Reconciliation of change in net assets to net cash provided by operating activities: Change in net assets Adjustments to reconcile change in net assets to net cash provided by operating activities:	\$ (92,060,835)	(25,976,214)
Realized and unrealized losses on investments Unrealized loss, interest rate swap Depreciation expense Loss on disposal of fixed assets Donated fixed assets Trade in allowance	72,742,264 350,105 4,352,447 503,041 (271,287)	18,921,356360,7074,629,552565,034(158,500)(98,000)
Changes in operating assets and liabilities: Accounts receivable and other assets Accrued investment income Accounts payable and accrued expenses Other accruals and other liabilities Deferred revenue Deposits held for and advances to others Post-retirement benefit obligation, net of investment transfer to trust	21,313,718 299,975 (2,377,810) 4,962,898 (7,229,888) (11,536,953) 40,953,818	(31,748,381) 209,120 3,254,905 5,575,886 62,101,243 39,567,987 16,930,000
Net cash provided by operating activities	\$ 32,001,493	94,134,695
Supplemental disclosure of noncash activities: Investment transfer to trust Capital lease obligation	\$ (66,392,818)	121,400

See accompanying notes to financial statements.

Notes to Financial Statements

June 30, 2009 and 2008

#### (1) Organization

The Research Foundation of State University of New York (RF) is a private, nonprofit corporation that supports the advancement of education, research, and discovery at the State University of New York (SUNY). Established in 1951, the RF carries out its responsibilities pursuant to a formal contract with SUNY that has been in force since 1977. The RF is tax-exempt under Internal Revenue Code (IRC) Section 501(c)(3).

Separate from SUNY, the RF is able to form partnerships that enhance SUNY's education, research and public service mission and spur economic development across New York State. The primary service offered by the RF is sponsored programs administration. The infrastructure in place for sponsored programs allows the RF to also administer agency funds and assist campuses with establishing affiliated corporations.

The RF comprises a central office and operating units at 30 campus locations across New York state. Sponsored program functions delegated to the campuses are conducted under the supervision of RF operations managers who are appointed by the RF's board of directors on the recommendation of the respective campus presidents.

The RF is governed by a board of directors composed of researchers, campus and system administrators, and representatives of business and industry.

# (2) Summary of Significant Accounting Policies

#### (a) Basis of Presentation

The financial statements of the RF have been prepared on the accrual basis of accounting, in accordance with standards established by the Financial Accounting Standards Board (FASB) for external financial reporting by not-for-profit organizations.

#### (b) Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make significant estimates and assumptions that affect the reported amount of net assets and disclosures of contingent assets and liabilities as of the date of the financial statements and the reported amount of change in net assets during the reporting period. Significant estimates are used to calculate the balances for accrued expenses, allowance for doubtful accounts, investments, and the post-retirement benefit obligation. Actual results could differ from those estimates.

#### (c) Revenue Recognition

Grants awarded for research and other sponsored activities represent exchange transactions derived from grants, cost reimbursement contracts, and cooperative agreements that provide for the recovery of direct and indirect costs, subject to audit. In the opinion of management, no material adjustments are expected as a result of such audits. Grants and contracts awarded for research and other sponsored activities are recognized only to the extent of costs incurred, in the year in which the costs are eligible for reimbursement. Amounts received in excess of expenses are recorded as deferred

Notes to Financial Statements

June 30, 2009 and 2008

revenue. The RF funds its operations primarily from recoveries of indirect costs provided from grants and contracts. Such recoveries are recorded in the year in which the costs are eligible for reimbursement.

Investment income or loss is comprised of dividends and interest, realized and unrealized gains and losses, and income from investment in equity partnerships.

Inventions and licenses income includes the total amount derived from inventions that result from sponsored research. The RF is responsible for protecting the intellectual property and commercializing these technologies as part of its technology transfer service. The RF follows the SUNY policy of apportioning up to 40% of the royalties to the inventors, with the rest apportioned to the campuses. The inventors' shares of the royalties are reflected in the RF's administration and support expenses. Campus portions are spent under the provisions of the Bayh-Dole Act and are also reflected in the RF's administration and support expenses.

Other income consists of third-party service center revenue, nonsponsored income from activities such as fees for the use of the automated grants accounting system, and fees earned for administering agency funds such as fiscal and personnel staffing agreements.

# (d) Cash Equivalents

Cash equivalents include short-term, highly liquid investments with a maturity of three months or less at the time of purchase. Cash and cash equivalents included in the long-term investment portfolio are classified as long-term investments.

# (e) Investments

Investments in equity securities with readily determinable fair values and all investments in debt securities are reported at fair value based upon quoted market prices.

Hedge funds are valued using current estimates of fair value by management based on information provided by the general partner or investment manager for the respective funds. Because these investments are not readily marketable, their estimated value is subject to uncertainty and therefore may differ materially from the value that would have been used had a ready market for such investments existed.

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 cost of securities sold is used to determine the basis for computing realized gains or losses.

The captions "Due from broker for securities sold" and "Due to broker for securities purchased" represent investment trade activity that took place prior to year-end but had not been settled by year-end.

The RF does not use its investments as collateral. To minimize potential losses, the RF maintains a diversified investment portfolio. Investments are held with the investment custodian in the RF's name.

Notes to Financial Statements

June 30, 2009 and 2008

#### (f) Fixed Assets

Fixed assets are stated at cost, net of accumulated depreciation, and are depreciated on a straight-line basis over the estimated useful life of the assets. Using historical and industry experience, estimated useful lives with the exception of land range from five to 50 years.

Upon sale or retirement of fixed assets, the cost and the related accumulated depreciation are removed from the accounts and the resulting gain or loss is recorded. Depreciation expense for the years ended June 30, 2009 and 2008 was \$4,352,447 and \$4,629,552, respectively. Generally, title to equipment purchased using sponsored funds is 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.

# (g) Derivative Instruments and Hedging Activities

The RF accounts for derivative investments in accordance with the FASB Statement No. 133, *Accounting for Derivative Instruments and Hedging Activities*, as amended, which requires that all derivative instruments be recognized in the financial statements and measured at fair value regardless of the purpose or intent for holding them. The RF currently has an interest rate swap that is adjusted to fair value, based upon information provided by the financial institution, through net assets.

# (h) Deferred Revenue

Deferred revenue represents three types of activities: (1) surplus amounts for sponsored programs activity that occur when funds are received in advance of spending, (2) surplus amounts on balance awards that represent the balance of funds that remain after termination of a project (either grant or contract) supported by a fixed price award, which can be used in the future to support research, and (3) surplus balances related to service centers that are established and maintained to provide a specific service and charge to sponsored programs and other users, in which billing rates are reviewed at a minimum of every two years and rates are adjusted prospectively to reduce surplus/deficit amounts.

#### (i) Accrued Vacation

RF employees are granted vacation and sick leave in varying amounts. In the event of termination, an employee is reimbursed for accumulated vacation up to a maximum of 30 days. Employees are not reimbursed for accumulated sick leave at termination.

# (j) Post-Retirement Benefit Obligation

In June 2009, the RF established a Voluntary Employee Benefit Association (VEBA) trust for the post-retirement benefit plan. The impact of the establishment of the trust, and the subsequent transfer of investment assets to that trust, included \$66.4 million in reductions to the investment asset balances, and an equal reduction to the post-retirement benefit liability balances.

# (k) Reclassifications

Certain 2008 amounts have been reclassified to conform to the 2009 presentation.

Notes to Financial Statements

June 30, 2009 and 2008

#### (1) Other Information

Accounts receivable as of June 30, 2009 and 2008 are reported net of an allowance for doubtful accounts of approximately \$6,900,000 and \$7,000,000, respectively.

In accordance with FASB Interpretation No. 39, *Offsetting of Amounts Related to Certain Contracts—an Interpretation of ABP Opinion No. 10 and FASB Statement No. 105*, the RF has recorded its workers' compensation accrual (for incurred but not reported claims) at the gross amount. As such, a receivable and offsetting payable has been recorded to account for losses, which will be recovered through the RF's existing insurance policies. This receivable, which is recorded in the current portion of other assets, amounted to \$3,280,452 and \$2,919,667 at June 30, 2009 and 2008, respectively.

Advances to others and deposits held for others represent amounts related to agency activity at the campus and affiliated organization locations. Agency activity refers to those university-related organizations, such as campus-based foundations or campus-based clinical practice plans that use RF-provided human resources, payroll, and purchasing and payables administration services. Included in the noncurrent deposits held for others are planned gifts donated to the RF to ultimately benefit the campus foundations of approximately \$1,037,000 and \$1,132,000 at June 30, 2009 and 2008, respectively. Included in deposits held for others are approximately \$33,584,000 and \$36,000,000 of construction funds for an affiliated organization at June 30, 2009 and 2008, respectively.

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, 2009 and 2008 is approximately \$7,952,000 and \$7,019,000, respectively.

The RF maintains a deferred compensation plan established in accordance with Section 457(b) of the IRC. Plan funds, totaling \$2,621,598 and \$2,561,983 as of June 30, 2009 and 2008, respectively, are a part of the general assets of the RF, which are subject to claims of creditors of the RF.

The RF assisted in the creation and expansion of the University at Albany College of Nanoscale Science and Engineering's Albany NanoTech complex. The RF leases various areas of clean room space from Fuller Road Management Corporation to facilitate research and development related activities at the University at Albany in the field of nanotechnology (see note 3). The RF maintains a service center where costs are incurred for the operation of this facility and supported by recharges to sponsored programs or third-party use. Agreements have been executed between the RF and various third parties for the use of tools and facilities for which the revenue is included in other income in the statements of activities.

#### (m) Recently Adopted Accounting Pronouncements

In September 2006, the FASB released Financial Accounting Standard No. 157, *Fair Value Measurements* (FAS 157). FAS 157 defines fair value, outlines a framework for measuring fair value

Notes to Financial Statements

June 30, 2009 and 2008

in accordance with generally accepted accounting principles, and enhances the required disclosures about fair value measurements. The expanded disclosures include a requirement to disclose the fair value measurements according to a hierarchy, segregating measurements using quoted prices in active markets for identical assets and liabilities, significant other observable inputs, and significant unobservable inputs. The standard applies when other accounting pronouncements require fair value measurements. FAS 157 is effective for financial statements issued for fiscal years beginning after November 15, 2007. The RF adopted this standard effective July 1, 2008. The adoption of FAS 157 did not have a material effect on the financial statements.

In October 2008, the FASB released FSP 157-3, *Determining the Fair Value of a Financial Asset in a Market That is Not Active*, which was effective upon issuance. FSP 157-3 clarifies various application issues with respect to the objective of a fair value measurement, distressed transactions, relevance of observable data, and the use of management's assumptions. There was no impact on the financial statements as result of adopting FSP 157-3.

In April 2009, the FASB released FSP 157-4, *Determining Fair Value When the Volume and Level of Activity for the Asset or Liability Have Significantly Decreased and Identifying Transactions That Are Not Orderly* (FSP 157-4) to provide additional guidance for estimating fair value in accordance with FAS 157, when the volume and level of activity for an asset or liability have significantly decreased. This FSP also includes guidance on identifying circumstances that indicate a transaction is not orderly. The RF adopted this guidance for the fiscal year ended June 30, 2009. The adoption of FSP 157-4 did not have a material effect on the financial statements.

In February 2007, the FASB released Financial Accounting Standard No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities, Including an Amendment of FASB Statement No. 115* (FAS 159). FAS 159 provides entities the ability, on an elective basis, to report most financial assets and liabilities at fair value with corresponding gains and losses recognized in current earnings. FAS 159 is effective for financial statements issued for fiscal years beginning after November 15, 2007. The RF adopted this standard effective July 1, 2008. The adoption of FAS 159 had no impact on the financial statements since management did not elect to measure any additional eligible financial assets or liabilities at fair value as a result of adopting FAS 159.

# (3) Affiliated Organizations

The RF has 16 affiliated organizations as of June 30, 2009 that have been established to facilitate university-industry-government partnerships and accelerate the growth of sponsored program and applied research opportunities at SUNY. These entities limit liability to the RF and SUNY, establish separate and distinct governance structures, and are often able to meet a variety of needs. The affiliated organizations are as follows:

# (a) Binghamton Technologies Corporation

Binghamton Technologies Corporation is a private, not-for-profit corporation formed by the RF (acting on behalf of Binghamton University) to construct a high technology facility at the eastern edge of the Binghamton University campus to assist in the economic development of the region. This corporation is inactive and will be dissolved during fiscal year 2010.

Notes to Financial Statements

June 30, 2009 and 2008

#### (b) 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 to develop the Brooklyn Army Terminal into a site for biotechnology expansion, manufacturing, and research. This facility will provide a committed location in New York City where new and growth stage biotechnology and biopharmaceutical companies can expand, create jobs, and manufacture products for market.

#### (c) 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 new jobs.

# (d) 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 a national competition against the country's leading research universities, the U.S. Department of Energy in 1998 selected BSA to operate Brookhaven National Laboratory. BSA profits and losses are allocated 50% each to Battelle and the RF; Battelle and the RF each made an initial capital contribution of \$125,000 in 1998.

Total assets of BSA as of September 30, 2008 and 2007 are \$23,375,183 and \$19,797,194, respectively, and total liabilities are \$16,536,173 and \$14,040,260, respectively. Total members equity of BSA as of September 30, 2008 and 2007 are \$6,839,010 and \$5,742,934, respectively. Total revenue for the years ended September 30, 2008 and 2007 are \$7,431,674 and \$7,151,146, respectively. Total expenses for the years ended September 30, 2008 and 2007 are \$3,575,598 and \$3,484,674, respectively. The RF records its share of the net earnings of BSA from BSA's most recent completed fiscal year. The RF records distributions received as a reduction of the investment balance.

# (e) Buffalo 2020 Development Corporation

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

# (f) CBN Connect, Inc.

CBN Connect, Inc. was formed by the RF (on behalf of SUNY Plattsburgh) in partnership with the St. Regis Mohawk Tribe and the Adirondack North Country Association to promote and facilitate the

Notes to Financial Statements

June 30, 2009 and 2008

development of high-speed communications networks throughout the eastern Adirondack Park and beyond. CBN Connect, Inc. will partner with regional, state, and federal entities to develop a network infrastructure through which broadband service providers will accommodate homes and business throughout the region.

# (g) CUBRC, Inc.

CUBRC, Inc. is a private, not-for-profit corporation formed by the RF (acting on behalf of the University at Buffalo) and, as of May 2006, the University at Buffalo Foundation Incubator Inc. CUBRC, Inc.'s mission is to leverage the capabilities of scientists from academia and industry to expand capability and to provide economic and industrial growth opportunities in Western New York. Incorporated in 1983, CUBRC, Inc. competes for research programs that would not otherwise be available to the University at Buffalo.

#### (h) Central New York Biotechnology Research Center

Central New York Biotechnology Research Center (CNYBRC) is a private, not-for-profit corporation formed by the RF (acting on behalf of SUNY Upstate Medical University and SUNY College of Environmental Science and Forestry), Metropolitan Development Association of Syracuse and Central New York, LeMoyne College and Syracuse University. CNYBRC seeks to promote economic development in Central New York and across New York state by supporting technology transfer, workforce development, and a high-tech business incubator.

# (i) 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) in partnership with the Health Science Center at Brooklyn Foundation, Inc. to provide a vehicle 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.

#### (j) Fuller Road Management Corporation

Fuller Road Management Corporation (FRMC) is a private, not-for-profit corporation formed by the RF (acting on behalf of the University at Albany) and the University at Albany Foundation. FRMC provides a vehicle for the construction of comprehensive research facilities at the College of Nanoscale Science and Engineering in an effort to promote the advancement of the research portfolio of the University at Albany, as well as to assist in the development of early and late stage companies, the creation of jobs and the development of the region's economy.

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 the University at Albany. Rent payments made by the RF pursuant to the agreement for each of the years ended June 30, 2009 and 2008 were \$7,014,458. The annual rental payment 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.

Notes to Financial Statements

June 30, 2009 and 2008

At June 30, 2009, annual minimum lease payments on the FRMC operating lease are as follows:

2010	\$ 7,014,458
2011	7,014,458
2012	7,014,458
2013	7,014,458
2014	7,014,458
Thereafter	156,071,691

# (k) Long Island High Technology Incubator

Long Island High Technology Incubator (LIHTI) is a private, not-for-profit corporation incorporated in 1989 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 in a limited number of overlapping technology growth areas including biotechnology, environmental technologies, electronics, information technology and new materials technology.

#### (1) NanoTech Resources, Inc.

NanoTech Resources, Inc. was a private, not-for-profit corporation formed by the RF (acting on behalf of the University at Albany) to work with the University at Albany to help it meet its obligations in support of the Center of Excellence in Nanoelectronics by assisting in exploring and implementing corporate partnerships and securing external funding; to partner with the College of Nanoscale Science and Engineering at the University at Albany; and to link academic teaching and research with technology development. This corporation was dissolved during fiscal year 2009.

#### (m) New York Maritime College Sailing Foundation, Inc.

New York Maritime College Sailing Foundation, Inc. (NYMCSF) is a private, not-for-profit corporation formed by the RF to support sailing programs at the State University of New York Maritime College. The goal of NYMCSF is to advance the college's mission through the enhancement of the faculty, student and staff for the benefit of midshipmen and to facilitate the program's short and long-term excellence through donations of funds, equipment or boats.

#### (n) Purchase College Advancement Corporation

Purchase College Advancement Corporation is a private, not-for-profit corporation formed by the RF (on behalf of the State University College at Purchase) to operate facilities that will support the college's academic mission and spur economic development in the mid-Hudson region.

#### (o) Source Sentinel, LLC

Source Sentinel, LLC is a limited liability company formed by the RF (acting on behalf of the College of Environmental Science and Forestry), O'Brien & Gere Limited, and Sensis Corporation. Its mission is to bring together scientists, engineers and resources from academia and industry to develop real-time detection and monitoring products for the protection of drinking water supplies, distribution systems and treatment facilities against chemical and biological threats.

Notes to Financial Statements

June 30, 2009 and 2008

#### (p) SUNY China International Corporation

SUNY China International Corporation is a private, not-for-profit corporation formed by the RF to foster and develop new academic and research collaborations, programs and initiatives between SUNY and Chinese universities. The organization, formerly known as State University of New York China Representative Office, Inc., was renamed during fiscal year 2009. Also during fiscal year 2009, the Neil D. Levin Graduate Institute of International Relations and Commerce Foundation, Inc. became the second member of this corporation.

#### (q) University at Albany Bioscience Development Corporation

University at Albany Bioscience Development Corporation is a private, not-for-profit corporation formed by the RF (on behalf of the University at Albany) in partnership with the University at Albany Foundation to advance the educational and research mission of SUNY and the University at Albany and enhance their ability to attract public and private funds by providing facilities for research and scholarly programs for the benefit of faculty, visiting scholars, students and staff.

#### (4) Investments

Investments by type consist of the following as of June 30:

	2009	2008
Cash equivalents	5 104,459,288	105,994,303
U.S. government securities	55,276,026	35,664,865
Mortgage/asset-backed securities	3,236,503	43,642,628
Corporate debt securities	18,214,706	18,112,847
Common stocks	2,952,525	80,028,956
International funds	2,644,986	41,541,344
Investment in equity partnership	2,034,506	1,836,468
Hedge funds	44,019,433	54,617,900
Other	6,203,068	6,779,838
Total \$	5 239,041,041	388,219,149

In June of 2009, the RF established a Voluntary Employee Benefit Association (VEBA) trust with the Bank of New York Mellon as the trustee. As of June 30, 2009, the RF has transferred \$66,392,818 in assets to the VEBA trust, which included all short-term and long-term investment assets previously held by the RF and designated for the post-retirement benefit obligation.

Hedge fund investments consist of alternative investments in fund of funds, limited partnerships and marketable alternatives. Hedge funds may trade in derivative instruments that involve varying degrees of market risk including credit exposure, liquidity and interest rates. Due to the level of risk associated with these securities and the level of uncertainty related to changes in their value, it is possible market conditions could have a near-term material effect on balances reported in the balance sheets and the statements of activities.

Notes to Financial Statements

June 30, 2009 and 2008

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

	_	2009	2008
Dividends and interest	\$	7,501,641	10,077,676
Realized and unrealized loss		(72,742,264)	(18,921,356)
Income from investment in equity partnership	_	1,928,038	1,833,236
Total return on investments	\$	(63,312,585)	(7,010,444)

#### Fair Value Measurements

As discussed in note 2, the RF adopted FAS 157 effective July 1, 2008. The three levels of the fair value hierarchy established under FAS 157 are 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 are unobservable and are used to measure fair value to the extent that observable inputs are not available.

The techniques used to estimate the fair values are affected by the assumptions used, including discount rates and estimates of the amount, and timing of future cash flows. Fair values for securities are based on quoted market prices or dealer quotes, where available. When quoted market prices are not available, fair values are based on quoted market prices of comparable instruments. When necessary, the RF uses matrix pricing from a third-party vendor to determine fair value pricing.

Notes to Financial Statements

June 30, 2009 and 2008

The following table summarizes, as of June 30, 2009, the RF's assets and liabilities that are measured at fair value on a recurring basis. Financial instruments are classified in their entirety based on the lowest level of input that is significant to the fair value measurement.

	Level 1	Level 2	Level 3	Total
Assets:				
Cash equivalents	\$ 104,459,286			104,459,286
U.S. government securities	29,025,773	26,250,254		55,276,027
Mortgage/asset-backed securities	—	3,236,503		3,236,503
Corporate debt securities	4,880,717	13,333,990		18,214,707
Common stocks	2,952,525			2,952,525
International funds	2,644,986			2,644,986
Investment in equity partnership		2,034,506		2,034,506
Hedge funds			44,019,433	44,019,433
Other	5,446,073	756,995		6,203,068
	\$ 149,409,360	45,612,248	44,019,433	239,041,041
Liabilities:				
Interest rate swaps	\$ 	543,268		543,268

A summary of activity for all assets and liabilities with Level 3 fair value measurements for the year ended June 30, 2009 follows:

Beginning balance Net realized and unrealized losses Net sales	\$ 54,617,900 (5,026,067) (5,572,400)
Ending balance	\$ 44,019,433

Notes to Financial Statements

June 30, 2009 and 2008

# (5) Fixed Assets

Fixed assets consist of the following at June 30:

Fixed asset classification	Fixed assets June 30, 2008	Additions	Dispositions/ retirements	Fixed assets June 30, 2009
Building	\$ 6,500,000			6,500,000
Office furniture and equipment	36,866,040	6,400,341	1,808,819	41,457,562
Information systems	32,639,068	281,493	43,375	32,877,186
Total fixed assets	76,005,108	6,681,834	1,852,194	80,834,748
Less accumulated depreciation:				
Building	780,000	130,000		910,000
Office furniture and equipment	22,788,054	3,353,728	1,305,778	24,836,004
Information systems	30,379,539	868,719	43,375	31,204,883
Total accumulated				
depreciation	53,947,593	4,352,447	1,349,153	56,950,887
Fixed assets, net	\$ 22,057,515	2,329,387	503,041	23,883,861

# (6) **Post-Retirement Benefit Obligation**

The RF sponsors a defined benefit post-retirement plan that covers substantially all nonstudent employees. The plan provides post-retirement medical benefits and is contributory for employees hired after 1985. Retirees who were hired after 1985 are subject to the same cost sharing requirements as active employees, with respect to medical coverage. With respect to dental coverage, retirees must pay the full premium cost of the coverage selected. Annual allocations are made by management pursuant to a funding policy established by the board of directors. For payment of benefits under the plan, as noted above, the RF established a VEBA trust in June of 2009 with the Bank of New York Mellon as the trustee. As of June 30, 2009, the RF has transferred \$66,392,818 in assets to the VEBA trust. Legal title to all the assets of the trust is vested in the trust and is for the benefit of the participants. The effect of this transfer of assets to the trust was a \$66.4 million net reduction in liability presented on the RF's financial statements as of June 30, 2009. As noted in the table below, current obligations are assumed to be paid out of the trust assets, with the remaining unfunded obligation to be reflected as a noncurrent liability.

Prior to the establishment of the VEBA trust, assets were held in an unrestricted investment account designated by the board of directors and were not considered plan assets under FASB Statement No. 106, *Employers' Accounting for Postretirement Benefits Other Than Pensions*. There are 6,536 participants in the plan as of July 1, 2008.

Notes to Financial Statements

June 30, 2009 and 2008

The following table sets forth the plan's funded status reconciled with the amount shown in the RF's financial statements at June 30: (amounts rounded to the nearest thousand)

	-	2009	2008
Change in benefit obligation: Benefit obligation at beginning of year Service cost Interest cost Plan participants' contributions Retiree Drug Subsidy receipts Actuarial loss (gain) Benefits paid	\$	$\begin{array}{c} 213,079,000\\ 10,509,000\\ 14,361,000\\ 202,000\\ 231,000\\ 21,298,000\\ (5,744,000)\end{array}$	$196,149,000 \\ 9,957,000 \\ 12,411,000 \\ 204,000 \\ 132,000 \\ (990,000) \\ (4,784,000)$
Benefit obligation at end of year	-	253,936,000	213,079,000
Change in plan assets: Fair value of plan assets at beginning of year Employer contributions Plan participants' contributions Retiree Drug Subsidy receipts Benefits paid		71,607,000 202,000 231,000 (5,744,000)	4,448,000 204,000 132,000 (4,784,000)
Fair value of plan assets at end of year	_	66,296,000	
Funded status	\$	(187,640,000)	(213,079,000)
Amounts recognized in the balance sheet: Current liability Noncurrent liability	\$	(187,640,000)	(6,180,000) (206,899,000)
Amounts recognized in unrestricted net assets: Net transition obligation Prior service credit Net actuarial loss	\$	(552,000) 1,118,000 (65,559,000)	(1,107,000) 1,397,000 (46,523,000)

Notes to Financial Statements

June 30, 2009 and 2008

	_	2009	2008
Weighted average assumptions used to determine benefit obligation: Discount rate at end of year		6.27%	6.84%
Components of net periodic benefit cost: Service cost Interest cost Amortization of:	\$	10,509,000 14,361,000	9,957,000 12,411,000
Transition obligation Prior service credit Actuarial loss	_	555,000 (279,000) 2,262,000	555,000 (279,000) 3,006,000
Net periodic postretirement benefit cost	\$ _	27,408,000	25,650,000
Weighted average assumptions used to determine net periodic benefit cost: Discount rate for the year		6.84%	6.33%
		2009	2008
Other changes in plan assets and benefit obligations recognized in unrestricted net assets: Net actuarial (loss) gain Amortization of:	\$	(21,298,000)	990,000
Transition obligation Prior service credit Actuarial loss Total recognized as an (decrease) increase in	_	555,000 (279,000) 2,262,000	555,000 (279,000) 3,006,000
unrestricted net assets	\$	(18,760,000)	4,272,000
Expected amounts amortized from unrestricted net assets into net periodic benefit cost for fiscal year ending 2010: Transition obligation Prior service credit Actuarial loss	\$	(552,000) 279,000 (3,651,000)	

Notes to Financial Statements

June 30, 2009 and 2008

Estimated gross benefit payments (net of participants' contributions): Fiscal year ending 2010 Fiscal year ending 2011 Fiscal year ending 2012 Fiscal year ending 2013 Fiscal year ending 2014 Fiscal year ending 2015 – 2019	\$ 6,973,000 8,097,000 9,365,000 10,678,000 12,039,000 84,676,000
Estimated gross amount of subsidy receipts: Fiscal year ending 2010 Fiscal year ending 2011 Fiscal year ending 2012 Fiscal year ending 2013 Fiscal year ending 2014 Fiscal year ending 2015 – 2019	\$ 504,000 593,000 708,000 845,000 1,000,000 7,636,000
Estimated net benefit payments: Fiscal year ending 2010 Fiscal year ending 2011 Fiscal year ending 2012 Fiscal year ending 2013 Fiscal year ending 2014 Fiscal year ending 2015 – 2019	\$ 6,469,000 7,504,000 8,657,000 9,833,000 11,039,000 77,040,000

For measurement purposes, the initial trend rates vary by coverage. The health maintenance organization rate is 9.0%, the preferred provider organization (PPO) Medical Pre-65 rate is 7.0%, the PPO Medical Post-65 rate is 7.0% and administrative fees are 5.0%. Trend rates grade down to an ultimate rate of 5.0% in 2018 and later.

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

	-	One-Percentage point increase	One-Percentage point decrease
Effect on total service and interest cost components	\$	4,879,000	(3,887,000)
Effect on postretirement benefit obligation		45,076,000	(36,448,000)

#### (a) Investment Policies and Strategies

The plan's primary investment goal is to meet the ongoing obligations while minimizing contributions and controlling risks. Ordinarily, the asset allocation plan would be structured such that short-term liabilities are primarily funded with lower volatility short-term assets, intermediate-term liabilities are funded with investments that exhibit moderate volatility, and the longer-term liabilities are funded by long-term assets. In addition, the plan's asset allocation is structured to meet a

Notes to Financial Statements

June 30, 2009 and 2008

long-term targeted return. Borrowing from the diversification techniques developed under the modern portfolio theory, the plan's assets are invested so that 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 guidelines as described in any or all of the appropriate documents including the respective investment advisory agreement, investment specification document, fund prospectus, offering memorandum and/or limited partnership agreement. However, assets must be managed with the care, skill, prudence and diligence that a prudent investment professional in similar circumstances would exercise. Investment practices must comply with the applicable laws and regulations.

#### (b) 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 as of June 30, 2009, as shown in the table below, is expected to meet the plan's expected return.

Asset class	Target	Permissible ranges	Actual
Cash	2%	0% - 10%	6.6%
Fixed income	10%	5% - 20%	9.5%
Equities Global equities Hedged equities Private equity	51% 25% 16% 10%	$\begin{array}{r} 40\%-60\%\\ 20\%-33\%\\ 10\%-20\%\\ 0\%-15\%\end{array}$	49.8% 30.9% 18.9% —%
Absolute return	15%	5% - 25%	17.3%
Real assets Inflation-protected Commodities Global real estate	22% 5% 5% 12%	$\frac{15\% - 25\%}{3\% - 10\%}$ $\frac{2\% - 7\%}{4\% - 14\%}$	16.8% 7.9% 4.4% 4.5%

#### (7) Retirement Plan

The RF maintains a noncontributory defined contribution 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

Notes to Financial Statements

June 30, 2009 and 2008

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. As per a plan amendment adopted January 1, 2009, employees become fully vested 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 the Teachers Insurance and Annuity Association (TIAA), which offers a guaranteed income account, or in the College Retirement Equities Fund (CREF), which offers an assortment of mutual funds, stocks, bonds, real estate, and money market investments. The payroll for RF employees covered by TIAA/CREF for the years end June 30, 2009 and 2008 was \$349,998,000 and \$337,674,000, respectively. The RF pension contributions were approximately \$28,254,000 and \$27,515,000 for the years ended June 30, 2009 and 2008, respectively. These contributions are equal to 100% of the required contributions for the year.

#### (8) Long-Term Debt and Other Long-Term Liabilities

The RF entered into an agreement during 2002 with the City of Albany Industrial Development Agency (IDA) whereby the IDA issued both a taxable and a tax-exempt series of bonds for the purpose of providing funds to acquire a parcel of real estate together with the existing building thereon. The RF occupies and conducts most of its central office operations from this location. At June 30, 2009, the tax-exempt bond debt totaled \$5,540,000 with maturity in 2032 at an interest rate of 0.54% at June 30, 2009. The taxable bond debt was extinguished in 2009. Subsequent to June 30, 2009, the tax-exempt bonds will bear interest at variable rates as established by the remarketing agent. The adjustable rate for the tax exempt-bonds will not exceed 12% per annum.

In January 2006, the RF entered into an interest rate swap agreement with the Bank of New York (BNY) wherein the RF agreed to pay BNY a fixed rate of interest equal to 3.615% on the tax-exempt bond issuance total of \$5,600,000 and to receive from BNY a payment equal to 70% of the London Interbank Offered Rate (LIBOR) as published by the British Banker's Association (BBA). The monthly interest rate is calculated using the weighted average method applied to the daily USD-LIBOR-BBA rate. The agreement expires coincident with the maturity of the bonds in 2032. The RF's net benefit or obligation under the swap agreement is accounted for as an asset or liability at fair value in the financial statements. The estimated fair value of the swap at June 30, 2009 and 2008 was \$(543,268) and \$(193,163), respectively. The balances are included within other liabilities in the accompanying balance sheets.

The RF is also contractually obligated per long-term lease agreements for capital equipment.

Notes to Financial Statements

June 30, 2009 and 2008

A summary of long-term debt as well as other long-term liabilities is as follows:

	Balance June 30, 2008	Additions	Reductions	Balance June 30, 2009	Current portion
Long-term debt: Lease obligations	1 (72 7(5		052 425	720 220	((( )52
Lease obligations \$ Bonds payable	1,672,765 5,695,000		952,435 155,000	720,330 5,540,000	666,952
Total long-term debt	7,367,765		1,107,435	6,260,330	666,952
Other long-term liabilities: Post-retirement benefit obligation Deposits held for others Other liabilities	213,079,000 3,451,556 2,755,147	46,601,000 207,645 409,720	72,040,000 2,621,895	187,640,000 1,037,306 3,164,867	
Total other long-term liabilities	219,285,703	47,218,365	74,661,895	191,842,173	
Total long-term liabilities	226,653,468	47,218,365	75,769,330	198,102,503	666,952

Future payments on long-term debt as of June 30, 2009 are as follows:

		Bonds payab	le-building	Capital	leases	Tot	al
	_	Principal	Interest	Principal	Interest	Principal	Interest
Fiscal year:							
2010	\$	_	29,916	666,952	15,837	666,952	45,753
2011		165,000	29,025	34,712	3,692	199,712	32,717
2012		170,000	28,107	18,666	536	188,666	28,643
2013		175,000	27,162	,		175,000	27,162
2014		180,000	26,190			180,000	26,190
2015 - 2019		1,000,000	115,128			1,000,000	115,128
2020 - 2024		1,180,000	85,239			1,180,000	85,239
2025 - 2029		1,385,000	50,112	_		1,385,000	50,112
2030 - 2034	_	1,285,000	10,719			1,285,000	10,719
Total	\$	5,540,000	401,598	720,330	20,065	6,260,330	421,663
		Interes 0.54		Interest rates 3.73% to	0		

## Line of Credit

The RF maintains an unsecured line of credit in the amount of \$80,000,000 of which none was used as of June 30, 2009; \$25,605,729 was used as of June 30, 2008.

Notes to Financial Statements

June 30, 2009 and 2008

#### (9) University at Buffalo Foundation Services, Inc.

The RF has an agreement with the University at Buffalo Foundation Services, Inc. (UBFS) to enable UBFS to enter into contracts and accept grants for certain sponsored programs (generally excluding federal, New York State, and foreign) on behalf of the SUNY at Buffalo. Under this agreement, UBFS serves as an agent for the RF. Activity through UBFS amounted to approximately \$5,211,000 and \$5,519,000 for the years ended June 30, 2009 and 2008, respectively.

## (10) Administration and Support

Administration and support expenses are funded primarily from revenue received from grants for the reimbursement of facilities and administrative (F&A) costs. F&A costs are overhead expenses incurred to support sponsored research and other sponsored programs within the RF. Expenses incurred include sponsored program support and development, institutional and departmental support, academic support, operations and maintenance and administrative costs.

# (11) Revenues

Revenues, by type, consist of the following for the years ended June 30:

	_	2009	2008
Federal grants and contracts	\$	504,636,122	512,292,888
State grants and contracts		152,870,421	123,464,603
Local grants and contracts		12,286,586	12,144,868
Private grants and contracts		176,228,331	146,422,342
Investment income		9,429,679	11,343,850
Net realized and unrealized loss on investments		(72,742,264)	(18,354,294)
Gifts, capital gifts and grants		264,271	175,240
Inventions and licenses income		13,791,952	17,976,431
Other income	_	23,996,979	12,675,904
Total revenues	\$	820,762,077	818,141,832

Notes to Financial Statements

June 30, 2009 and 2008

## (12) Expenses

Expenses consist of the following for the years ended June 30:

	2009	2008
Instruction \$	116,858,648	121,108,895
Research	458,545,681	382,658,125
Public service	135,405,663	137,128,410
Academic support	20,828,956	13,209,586
Student services	2,512,876	2,283,794
Operations and maintenance	22,619,885	33,813,208
Institutional support	129,643,943	149,915,421
Scholarships and fellowships	2,363,856	2,668,808
Auxiliary enterprises	159,721	109,379
Depreciation expense	4,352,447	4,629,552
Interest expense on capital related debt	268,195	299,834
Loss on disposal of fixed assets	503,041	565,034
Total expenses \$	894,062,912	848,390,046

# (13) Contingencies

The RF has certain contingencies resulting from litigation and claims incident to the ordinary course of business. Management believes that the probable resolution of such contingencies will not materially affect the financial position or results of operations of the RF.

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Research and Development Cluster:					
Department of Agriculture:					
Agricultural Research Service Cooperative State Research Service	10 10	—	\$ 36,871	-	
Economic Research Services	10		985,295 1,151	_	
Forest Service	10	_	648,741	_	
Northeastern States Research Cooperative	10		37,349		
University of Arizona New York State (NYS) Department of Environmental Conservation	10.000 10.025	PO # Y452464 AMOU4981	_	27,710 34,543	
NYS Department of Environmental Conservation	10.202	AMO4981 #14	_	64,126	
Iowa State University	10.206	2006-35102-17206	_	16,087	
Cornell University Cornell University	10.206	B29428-A01	-	5,069	
University of Vermont	10.206 10.215	B29428 22194	_	2,148 6,031	
Broadway Market Management Corporation	10.225	_	_	259	
Kansas State University	10.500	S08077	-	147,340	
Consortium for Research on Renewable Industrial Ma University of Maine at Orono	10.652 10.652	318 UMS727	_	5,266 5,351	
University of Maine at Orono	10.652	UMS678	_	22,886	
University of Vermont	10.652	21300	—	1,874	
University of Vermont	10.652	22603 0220	—	17,809	
Watershed Agricultural Council Watershed Agricultural Council	10.652 10.652	349	_	681 43,555	
NYS Department of Environmental Conservation	10.675	AMO4981 #25	_	40,253	
Yale University	10.678	Y070001		4,263	
Total Department of Agriculture			1,709,407	445,251	2,154,658
Department of Commerce: Department of Commerce	11	_	409,169	_	
National Institute of Standards and Technology	11	_	337,035	_	
National Oceanic and Atmospheric Administration	11	—	3,209,198	_	
University of North Carolina	11.000	—	-	19,000	
National Business Incubation Association Nature Conservancy Long Island Chapter	11.312 11.405	FERTL	_	12,631 22,162	
Ohio State University Research Foundation	11.405	RF01110243	_	9,327	
University of Vermont	11.417	21875 Initial 2008	—	55,905	
University of Connecticut	11.417	5495 FRS527480	—	4,309	
University of Connecticut Cornell University	11.417 11.417	6505 FRS527480 516998564		2,752 1,637	
Rutgers University	11.430	PO 903071//4-25967/10255/3154	_	180	
Rutgers University	11.430	\$1061415;4-25967-10255	_	5,248	
University of North Carolina at Wilmington	11.430	200904A	—	3,335	
Columbia University Earth Resources Technology	11.431 11.431	NA040AR4310185-1 8405SUNY1		2,492 65,519	
South Carolina Sea Grant Consortium	11.431	R103	_	6,275	
University of Michigan	11.432	3001092444	_	1,012	
University of Maine at Orono	11.454		-	92	
Rutgers University Rutgers University	11.455 11.455	P-S855477/RU4-28292/10255 PO S972646/RU 4-21892Org 10255		1,348 57,060	
Marine Conservation Biology Institute	11.463		_	6,435	
University Corporation for Atmospheric Research	11.467	S0766811	_	21,273	
University Corporation for Atmospheric Research	11.467	S0766814	-	33,966	
University of Rhode Island University of Delaware	11.472 11.473	0128070001224	_	41,359 1,864	
University of Tennessee	11.478	OR863600101	_	17,336	
Howard University	11.481	631017H040948	_	178,678	
Nanoelectronics Research Corporation (NERC)	11.609	2006NE1463	-	718,915	
Battelle Memorial Institute Neuropace Incorporated	11.609 11.612	207945 70AANB7H7001	—	(2,068) 51,793	
Total Department of Commerce	11.012	////////////	3,955,402	1,339,835	5,295,237
Department of Defense:					
Air Force Office of Scientific Research	12	—	2,547,430	_	
Air Force Research Laboratory Air Force Rome Lab Griffis Air Force Base	12 12	_	742,421 457,500		
Army Armament Research and Development Command	12	—	16,214	_	
Army Corps Engineers	12	—	20,554	_	
Army ERDC Cold Regions Research & Engineering	12	—	26,241	_	
Army Humphreys Engineer Center Support Activity Army Medical Research Acquisition Activity	12 12	_	325,836 3,478,108	_	
Army Medical Research and Material Command	12	—	480,970	_	
Army Natick Contracting Division	12	_	829	_	
Army Natick Soldier Center	12	—	177,865	—	
Army Picatinny Arsenal Army Research Development & Engineering Command	12 12		675,047 2,087,967	_	
Army Research Institute	12	_	2,087,907	_	
Army Research Laboratory	12	—	135,323	_	
Army Research Office	12	—	527,173	_	
Defense Advanced Research Projects Agency (DARPA) Defense Threat Reduction Agency	12 12	—	16,597	—	
Department of Defense Advanced Res Project Agcy	12		173,593 83,949		
National Geospatial Intelligence Agency	12	—	175,673	_	
National Security Agency	12	_	104,315	_	
Naval Sea Systems Command	12	—	984	—	
Navy Experimental Diving Unit Navy Office of Naval Research	12 12	_	1,031,254 4,964,053	_	
Navy Office of Naval Research Navy Submarine Medical Research Laboratory	12		4,964,053 101,286	_	
Microtech Incorporated	12.000	20071		39,746	
AMBP Tech Corporation	12.000	AT4101203010701	_	41,725	
BBN Technologies Corporation	12.000	9500009218	—	392,713	
BBN Technologies Corporation CUBRC Incorporated	12.000 12.000	9500009218 07696-01	—	9,415 5,708	
CUBRC Incorporated	12.000	0767201	_	103,986	
CUBRC Incorporated	12.000	0767302	_	10,750	
CUBRC Incorporated	12.000	076501	—	57,713	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
Department of Defense (Continued):		<del>_</del>			
CUBRC Incorporated	12.000	0765701	\$	17,171	
CUBRC Incorporated	12.000	0765401	_	66,624	
CUBRC Incorporated	12.000	0763602	-	60,330	
CUBRC Incorporated	12.000	07637-01	-	49,510	
CUBRC Incorporated	12.000	0763202	—	156,471	
CUBRC Incorporated	12.000	07608-01	—	12,742	
CUBRC Incorporated	12.000 12.000	07626-01 06832-05	_	57,251 14,769	
CUBRC Incorporated CUBRC Incorporated	12.000	06832-03 06826-01	_	3,560	
CUBRC Incorporated	12.000	06820-01	_	7,816	
CUBRC Incorporated	12.000	06813-01	_	30,252	
Charles River Analytics Inc	12.000	SC0805601 (ERMINE)	_	26,342	
Creare Incorporated	12.000	50871	_	30,914	
Creare Incorporated	12.000	52127	_	5,075	
Global Contour Ltd	12.000	06-ACOE-FSD-Part 1	_	24,395	
Health Research Inc	12.000	57-1132-01	_	78,753	
IAP Research Incorporated	12.000	P.O. # 37721		5,254	
Lockheed Martin	12.000	8100001993		53,707	
University of Maryland	12.000	Z922201	_	92,568	
CACI Technologies Inc	12.000	S09100357		13,135	
Malcolm Pirnie	12.000	2118100		8,133	
US Display Consortium	12.114	RFP04-111	_	2,314	
Arsenal Business & Technology Partnership	12.300	W15QKN0790001	_	477,542	
Johns Hopkins University	12.300	2000061359		33,987	
Johns Hopkins University	12.300	2000061392	_	130,326	
Johns Hopkins University	12.300	2000061398	_	92,501	
Dartmouth College	12.300	5009595000P00010	_	153,058	
Dow Corning Corporation	12.300	N0001407C0918	_	20,144	
Dow Corning Corporation	12.300	N0001408C0398	_	38,860	
Florida Atlantic University	12.300	SRF37	—	26,348	
Florida Atlantic University	12.300	SRH17	—	26,507	
Hypres Incorporated	12.300	HYPN0001409C0687	_	6,924	
Maxion Technologies Incorporated	12.300	MaxionMDA20060001	_	53,432	
Microtech Incorporated	12.300	FA955007C0136	_	29,997	
Pennsylvania State University	12.300	3866SBUONR0557	—	3,020	
Physical Sciences Inc	12.300	43002155046	_	71,304	
Plasma Technology Inc	12.300	_	—	42,830	
Plasma Technology Inc	12.300	_	—	3,435	
Plasma Technology Inc	12.300	-	_	169,079	
Referentia Systems Incorporated	12.300	SBU0011039N07193	_	4,898	
Georgetown University	12.420	RX 4400-855-SUNY	—	1,581	
Georgetown University	12.420	RX440-188-SUNY	_	60,929	
Health Research Inc	12.420	57-8045-03	_	45	
Health Research Inc	12.420	57-8074-01	—	10,759	
Health Research Inc	12.420	57-8075-01	—	9,816	
University of Puerto Rico	12.420	W81XWH0710329	—	69,236	
Rutgers University	12.420	\$1031970	—	522,433	
University of Mississippi	12.420	0804073	—	8,062	
University of Mississippi	12.420	0804073	—	110,971	
University of Wisconsin at Madison	12.431	090K926	_	767	
Hypres Incorporated	12.431	HYPN0001407M0369	_	765	
Hypres Incorporated	12.431	HYPN0001408M147	_	37,792	
Mesoscribe Technologies Inc	12.431	16722	_	77,505	
Mesoscribe Technologies Inc	12.630	FA865007C3715		12,845	
Research Foundation of City University of New York	12.800	712010001A	_	12 002	
Advanced Technical Concepts Incorporated	12.800	6119	_	43,003	
GIRD Systems Incorporated	12.800	12-001-0508F01	_	79,955	
NSC Technology	12.800	Subcontract agreement	_	64,986	
California Institute of Technology	12.800 12.800	52-1069108	—	88,757	
ITT Industries University of Wisconsin at Madison		200821J F308114	—	241 2,353	
University of Wisconsin at Madison Molecular Imprints Incorporated	12.800	F308114 MU200801	—		
	12.800 12.800	MII200801	_	7,859 53,507	
Power Photonic Corporation Sensor Electronic Technology Incorporated	12.800		_	53,507 15,676	
Sensor Electronic Technology Incorporated	12.800		_	22,326	
University of Maryland	12.800	Z803701	_	34.376	
VeroModo Incorporated	10,000		_	54.550	
Wyle Laboratories Incorporated	12.800	RC00035522	_	74,560 66,746	
Wyle Laboratories Incorporated	12.800	RC00035522 RC00035522		10,548	
Wyle Laboratories Incorporated Wyle Laboratories Incorporated	12.800	RC00035522 RC00035522	_	75,984	
BBN Technologies Corporation	12.800	9500009016	_	215,213	
Starfire Systems Incorporated	12.910		_	36,168	
PAR Government Systems Corporation	12.910	SC111272BU	_	59,303	
SRI International	12.910	71000133		61,688	
University of California at Los Angeles	12.910	0160GEE764	_	133,401	
	12.710				
Total Department of Defense			18,378,939	4,933,190	23,312,
entral Intelligence Agency:			_	_	
Central Intelligence Agency	13		168,074	_	
Science Applications International Corp	13.000		100,074	77,918	
	15.000	++0010+275 = 2005 11445000.00			
Total Central Intelligence Agency			168,074	77,918	245,
epartment of Housing and Urban Development:					
	1.4		1 705		
Department of Housing and Urban Development	14	—	1,795	20 012	
Eric County	14.000	_	_	29,812	
Environmental Education Associate	14.903	—		18,113	
Tetal Department of Hausian and University Devaluances			1,795	47,925	49,
Total Department of Housing and Urban Development					
epartment of the Interior:	16		21 210		
epartment of the Interior: Dept of the Interior Bureau of Land Management	15	_	31,310	_	
epartment of the Interior:	15 15 15	_	31,310 60,063 186,225		

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor Department of the Interior (Continued): LUMCON NYS Department of Environmental Conservation NYS Department of Environmental Conservation Trustees of Princeton University NYS Department of Environmental Conservation Nature Conservancy Nature Conservancy	15.000 15.000 15.000 15.423 15.611 15.611	Pass-through number UBFnd08-1 674176C AMO6189 AMO6254 AMO6600 00001636	expenditures	20,315 13,887 (3,043)	<u>expenditu</u>
LUMCON NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation Trustees of Princeton University NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy	15.000 15.000 15.423 15.611 15.611 15.611	AMO6189 AMO6254 AMO6600	\$ 	13,887	
NYS Department of Environmental Conservation NYS Department of Environmental Conservation Trustees of Princeton University NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NATURE Conservation NATURE Conservation	15.000 15.000 15.423 15.611 15.611 15.611	AMO6254 AMO6600			
NYS Department of Environmental Conservation Trustees of Princeton University NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy	15.000 15.423 15.611 15.611 15.611	AMO6600	_		
Trustees of Princeton University NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy	15.423 15.611 15.611 15.611			40,624	
NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy	15.611 15.611	00001000	_	301	
NYS Department of Environmental Conservation NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy	15.611	AMO5643	_	176,522	
NYS Department of Environmental Conservation NYS Department of Environmental Conservation Nature Conservancy		AMO6396	—	94,680	
NYS Department of Environmental Conservation Nature Conservancy	15 (25	AMO6609 C303571	-	18,861 39,358	
Nature Conservancy	15.625 15.630	AM06757	_	39,538	
	15.634	SWG Herps II	_	1,031	
	15.634	SWG TigerBeetles	_	2,297	
Texas Parks and Wildlife	15.634	T-43	—	31,677	
Texas Parks and Wildlife SUNY College at Cortland	15.634 15.634	T43 MOUAM05080	—	39,335 1,722	
NYS Department of Environmental Conservation	15.634	C990147 AM06924	_	125,402	
NYS Department of Environmental Conservation	15.634	AMO5770	_	113,898	
NYS Department of Environmental Conservation	15.634	AMO5841	_	2,739	
NYS Department of Environmental Conservation	15.634	AMO5723	—	2,697	
NYS Department of Environmental Conservation	15.634	AM05951	-	39,186 26,974	
NYS Department of Environmental Conservation Cornell University	15.634 15.805	AMO5950 511428928	-	26,974	
BBN Technologies Corporation	15.808	W157T06CP638	_	(922)	
NYS Department of Environmental Conservation	15.808	AMO5176	_	56,429	
Local Initiatives Support Corporation	15.921	1671802		14,999	
Total Department of the Interior			725,406	899,266	1,624,6
epartment of Justice:					
Department of Justice	16	—	1,062,694	10 777	
City of Buffalo University of Colorado	16.000 16.540	0000059916	—	12,755 2,239	
NYS Unified Court System	16.540	C100650	_	2,239 9,516	
University of Missouri – St Louis	16.560	2006JVFX0011	_	73,734	
Total Department of Justice			1,062,694	98,244	1,160,9
lepartment of Labor:					
CNY Works Incorporated	17.258	S196	_	114,379	
Suffolk County Community College	17.261		-	1,005	
Manufacturer's Association of Central NY Inc	17.261	AH136840460		122,135	
Total Department of Labor				237,519	237,5
ederal Reserve System:					
Federal Reserve Bank of New York	18	—	25,119		
Total Federal Reserve System			25,119		25,1
epartment of State:					
Department of State	19 19.000	IRDSUNY001	7,768	15,161	
International Relief and Development Inc Council for International Exchange of Scholars	19.000		_	369	
Total Department of State			7,768	15,530	23,2
epartment of Transportation:					
Federal Aviation Administration	20	—	65,793	-	
Federal Highway Administration Federal Transit Administration	20 20	—	1,341,806 58,233	_	
National Transportation Safety Board	20	—	58,255 114,744	_	
Arora and Associates PC	20.000	DTFH61-06-D-00037		62,155	
Foit-Albert Associates	20.205	08012.00 PIN 9753.20	_	7,169	
NYS Education Department	20.205	C008795	_	2,630,609	
NYS Education Department	20.205	C008795	—	520,983	
CUBRC Incorporated	20.205	07605-03	-	60,992	
New York State Seaway Trail Incorporated Research Foundation of City University of New York	20.219 20.502	556570519		9,197 (87)	
Research Foundation of City University of New York	20.502	556570220	_	107,790	
Research Foundation of City University of New York	20.502	497771919	_	42,436	
Research Foundation of City University of New York	20.502	556570117	_	53,558	
Research Foundation of City University of New York	20.502	555050601	—	18,170	
Research Foundation of City University of New York	20.701	497772419	-	22,472	
Research Foundation of City University of New York University of Vermont	20.701 20.701	49111 20002/21225 Troy Initial	_	2,156 12,795	
Total Department of Transportation		···· • • • • • • • • • • • • • • • • •	1,580,576	3,550,395	5,130,9
epartment of the Treasury:					
Department of the Treasury	21	-	80,211		
Total Department of the Treasury			80,211		80,
S. Postal Service:			1 000 000-		
Postal Service Lockheed Martin	22 22.000	DW461522	1,093,386	158,782	
Total U.S. Postal Service			1,093,386	158,782	1,252,
ational Aeronautics and Space Administration:			,0,0,000	,	
Ames Research Center	43	_	2,003,493	_	
Goddard Space Flight Center	43	_	2,949,059	_	
John H Glenn Research Center at Lewis Field	43	—	74,785	—	
Langley Research Center	43	—	118,580	_	
Lunar and Planetary Institute Lyndon B Johnson Space Center	43 43	_	44,806 760,292		
Washington	43		235,375	_	
Jet Propulsion Laboratory	43.000	1331598		50,504	
Jet Propulsion Laboratory	43.000	1269622	—	4,565	
Research Foundation of City University of New York Science Systems and Applications Incorporated	43.000 43.000	496620001B 261607006	—	8,218 60,721	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expendit
ational Aeronautics and Space Administration (Continued):					
National Institute of Aerospace	43.000	X08-7040-BIN	\$	166,505	
Cornell University	43.000	48240-7891	—	15,555	
University of Pittsburgh	43.000	0005000 4042002	—	70,259	
Space Telescope Science Institute	43.000	HSTGO1055603A	-	4,975	
RCUH Research Corporation of the University of Haw Colorado State University	43.000 43.000	G19191	—	1,419 6,453	
Space Telescope Science Institute	43.000	HSTAR1067304A	_	6,455 510	
South Dakota State University	43.000	3F3338	_	24,429	
Jet Propulsion Laboratory	43.000	1250924	_	24,208	
Jet Propulsion Laboratory	43.001	1282221	_	43,355	
Jet Propulsion Laboratory	43.001	1287721	_	157	
Jet Propulsion Laboratory	43.001	1371092	_	11,854	
Jpl Caltech	43.001	1242685	_	64,952	
Metron Aviation Incorporated	43.001	SUNY000384C6B98	_	115,035	
Metron Aviation Incorporated	43.001	SUNY000436CN707	_	97,997	
Metron Aviation Incorporated	43.001	SUNY000533CN706	_	82,222	
Montana State University	43.001	G25008W1818	_	30,735	
National Space Biomedical Research Institute	43.001	SMST01603	_	92,751	
National Space Biomedical Research Institute	43.001	SMST01701	_	36,814	
National Space Biomedical Research Institute	43.001	TD00405	_	102,993	
Smithsonian Astrophysical Observatory	43.001	GO67016B	—	4,104	
Smithsonian Astrophysical Observatory	43.001	GO78108B	_	7,090	
Space Science Institute	43.001	SPO00321	_	25,132	
Space Telescope Science Institute	43.001	HSTGO1062301A	_	903	
Space Telescope Science Institute	43.001	HSTGO1059201A	—	22,223	
Space Telescope Science Institute	43.001	HSTGO1119601A	_	83,066	
University of California at Los Angeles	43.001	2155GFB115	_	84	
University of Washington	43.001	518195	_	17,252	
Virginia Institute of Marine Science	43.001	713635/712683	_	8,389	
Cornell University	43.001	482407892	—	10,500	
Institute for the Application of Geospatial Techno	43.001	NNX07AB15G	—	30,448	
Arizona State University	43.002	SC 34107M00209	—	9,505	
Unisys Corporation	43.002	306721	_	8,332	
Unisys Corporation	43.002	MLO-000135	—	46,404	
Jet Propulsion Laboratory	43.002	1369094		6,025	
Total National Aeronautics and Space Administration			6,186,390	1,396,643	7,583,0
ational Foundation on the Arts and Humanities:					
National Endowment for the Arts	45	_	58,990	-	
National Endowment for the Humanities	45	_	146,402	-	
University of Vermont	45.163	22294	—	23,256	
Lincoln Park Zoo Neotropic Fund	45.312	LG-24-07-0056-07	—	65,417	
Oneida Madison Herkimer BOCES	45.313	—		9,891	
Total National Foundation on the Arts and Humanities			205,392	98,564	303,9
ational Science Foundation:					
ational Science Foundation: ARRA – National Science Foundation	47.082	_	656	_	
	47.082 47.082		656 133		
ARRA – National Science Foundation					
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation	47.082		133		
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation	47.082 47.082 47 47		133 2,274	  29,522	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation	47.082 47.082 47	 9500009444	133 2,274	29,503	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation	47.082 47.082 47 47		133 2,274		
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated	47.082 47.082 47 47.000 47.000	—	133 2,274	29,503	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.041\\ 47.041\\ 47.041\\ 47.041\end{array}$	G-3373-1 Grant Award CCF-0524331	133 2,274	29,503 27,085	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 47.000\\ 47.000\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB	133 2,274	29,503 27,085 267 15,173 17,557	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 47.000\\ 47.000\\ 47.000\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\end{array}$	G-3373-1 Grant Award CCF-0524331	133 2,274	29,503 27,085 267 15,173 17,557 538,472	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ \end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 7.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ \end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NeES Consortium Inc Nether Science State University Regents of the University of California	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 47.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ \end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NOTH Carolina State University Regents of the University of California Rensselaer Polytechnic Institute	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 7.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BNT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NOTH Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ \end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A 11647 1404560031221A	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212 32,372	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Neth Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University Oniversity of Nevada Reno	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,0$	G-337-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212 32,372 139,810	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Sconsortium Inc Ne	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 7.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212 32,372 32,372 139,810 45,849	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BNT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NeES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University of Nevada Reno University of Nevada Reno University of Washington	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,0041\\ 47,0041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A 11647 1404560031221A CUREE Subcontract No 6 07050402 576722	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212 32,372 139,810 45,849 14,018	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NeES Consortium Inc NeES Consortium Inc Net University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Utah University of Utah University of Washington	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B5592	133 2,274	29,503 27,085 267 15,173 17,557 538,472 1,011,477 21,299 1,087 15,212 32,372 139,810 45,849 14,018 22,088	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Utah University of Washington William Marsh Rice University Specially Materials Incorporated	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47,0041\\ 47$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University of Nevada Reno University of Vashington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B5592	133 2,274	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Vatad Reno University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Sconsortium Inc Nether Sconsortium Inc Nether Sconsortium Inc Nether Sconsortium Inc Nether Sconsortium Inc Nether Sconsortium Inc University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1.087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921 \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BNT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science State University Regents of the University of California Rensealear Polytechnic Institute Stanford University of California Renselaer Polytechnic Institute Stanford University University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University Stanis Kicu University Stanis University Stanis University Stanis State University Stanis State	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,042\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 223610654801	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Vashington William Marsh Rice University Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University Stanist University Washington University St Louis Johns Hopkins University	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 47\\ 7.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University of Nevada Reno University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University Washington University St Louis Johns Hopkins University St Louis Johns Hopkins University	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A 11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BNT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether State University Regents of the University of California Rensealear Polytechnic Institute Stanford University of California Renselaer Polytechnic Institute Stanford University of Utah University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Washington University Mashington University St Louis Johns Hopkins University	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN E217416 PHY0612811 Sub 11	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BNT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NOTH Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Utah University of Utah University of Utah University of Utah Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University University of Wisconsin at Madison Columbia University University of Kansas	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 000006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Netes Consortium Inc University of California Rensealear Polytechnic Institute Stanford University University of Utah University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Wasconsin at Madison Columbia University University of Kansas	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/8129736 2236101654801 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Utah University of Utah University of Utah University of Utah William Marsh Rice University Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University University of Konsin at Madison Columbia University University of Kansas Case Western Reserve University University of California	$\begin{array}{r} 47.082\\ 47.082\\ 47\\ 47\\ 7.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BSIN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Nevada Reno University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Wisconsin at Madison Columbia University University of Kansas Case Western Reserve University Wright State University Wright State University	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 000006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/8129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors of California Rensselaer Polytechnic Institute Stanford University of California Rensselaer Polytechnic Institute Stanford University of California William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of California Wright State University	$\begin{array}{c} 47,082\\ 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BSM Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NeES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Utah University of Utah University of Utah University of Utah Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University University of Wisconsin at Madison Columbia University University of Kansas Case Western Reserve University University of California California California Chieffornia California Chieffornia California California Wright State University University of California Wright State University Colorado State University University of Rohde Island	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 44,265\\ 23,867\\ 73,921\\ 1,046\\ 4,266\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Multiple Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Science Sciences Nether Scienc	$\begin{array}{c} 47,082\\ 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/8129736 2236101654801 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943 167795374101053	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 116,552\\ 732\\ 26,667\\ 73,21\\ 108,540\\ 108,540\\ 70,522\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BMT Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University Otalifornia Rensselaer Polytechnic Institute Stanford University University of Utah University of Utah University of Utah University of Utah Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University University of Wisconsin at Madison Columbia University University of Kansas Case Western Reserve University University of Kansas Case University University of Kansas Case University University of Rode Island Syracuse University Syracuse University	$\begin{array}{r} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,001\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 45,849\\ 44,966\\ 4,265\\ 42,665\\ 42,268\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 33,108\\ 540\\ 70,522\\ 18,431\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BSIN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Nevada Reno University of Washington William Marsh Rice University Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Wasconsin at Madison Columbia University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of Rode Island Syracuse University Syracuse University	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,0$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 000006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943 16779S374101053 2258102104S01 A11157	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 29,503\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors (Science) Nether Science Science) North Carolina State University Regents of the University of California Rensedear Polytechnic Institute Stanford University of California Rensedear Polytechnic Institute Stanford University of California Rensedear Polytechnic Institute Stanford University of Utah University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University of Kansas Case Western Reserve University University of California Wright State University University of Rode Island Syracuse University Syracuse University Syracuse University Renselear Polytechnic Institute Florida State University	$\begin{array}{c} 47,082\\ 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943 167795374101053 2358102104S01 A11157 R00695	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 29,503\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Nevada Reno University of Vashington William Marsh Rice University Specially Materials Incorporated Stevens Institute of Technology Granger Engineening Syracuse University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of California Wright State University University of Rode Island Syracuse University Rensselaer Polytechnic Institute Forda State University	$\begin{array}{c} 47,082\\ 47,082\\ 47\\ 47\\ 7,000\\ 47,000\\ 47,001\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,041\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,049\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,050\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ 47,070\\ $	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/S129736 2236101654S01 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UBF-md 21131 PSN06803 G304515 050404-532943 167795374101053 2358102104S01 A11157 R00695	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 45,849\\ 45,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ (8,282)\\ \end{array}$	
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ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University of California Rensestear Polytechnic Institute Stanford University University of Utah University of Wisconsin at Madison Columbia University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of California Wright State University University of Rhode Island Syracuse University Rensselaer Polytechnic Institute Florida State University New York University University of California Los Angeles Washington State University	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 29,503\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 732\\ 22,666\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 333\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ (8,282)\\ 154,206\\ 200,496\\ \end{array}$	
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ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors of California Rensselaer Polytechnic Institute Stanford University of Utah University of Washington William Marsh Rice University Specialty Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University St Louis Johns Hopkins University University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of Rodester Washington Ciclifornia Wright State University Syracuse University New York University New York University New York University Oregon State University	$\begin{array}{c} 47.082\\ 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.071\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/8129736 2236101654801 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943 167795374101053 2358102104801 A11157 R00695 F555202 0145GKB375 107476G002259 S0991AA 413401G 528296	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 29,503\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ (8,282)\\ 154,206\\ 200,496\\ 12,943\\ 32,814 \end{array}$	
ARRA – National Science Foundation ARRA – National Science Foundation ARRA – National Science Foundation National Science Foundation BBN Technologies Corporation Esensors Incorporated Colorado State University Keck Graduate Institute of Applied Sciences Multiple Sponsors NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc NEES Consortium Inc Nether Science Sciences Multiple Sponsors North Carolina State University Regents of the University of California Rensselaer Polytechnic Institute Stanford University University of Utah University of Utah William Marsh Rice University Specially Materials Incorporated Stevens Institute of Technology Granger Engineering Syracuse University University of Wisconsin at Madison Columbia University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of Kansas Case Western Reserve University University of Kansas Case University Colorado State University University of Kansas Case University University of Kansas Case University University of Kansas Case University Colorado State University University of Kansas Case University Colorado State University University of California Los Angeles Washington State University University of California Los Angeles	$\begin{array}{c} 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\$	G-373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 27,085\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 32,372\\ 139,810\\ 45,849\\ 44,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ (8,282)\\ 154,206\\ 200,496\\ 12,943\\ 32,814\\ 8,897\\ \end{array}$	
ARRA – National Science Foundation         ARRA – National Science Foundation         BBN Technologies Corporation         BESC Corporated         Colorado State University         Keck Graduate Institute of Applied Sciences         Multiple Sponsors         NEESC Consortium Inc         NEES Consortium Inc         NEES Consortium Inc         NeES Consortium Inc         Neth Carolina State University         Regents of the University of California         Regents of the University of California         Regents of the University of California         Rensselaer Polytechnic Institute         Stanford University         University of Vashington         William Marsh Rice University         Stevens Institute of Technology         Gragger Engineering         Syracuse University St Louis         Johns Hopkins University         University of Wisconsin at Madison         Columbia University         University of California         Wright State University         University of California         Wright State University         University of California         Wright State University         University of California         Syncacuse University	$\begin{array}{c} 47.082\\ 47.082\\ 47.082\\ 47\\ 47\\ 47.000\\ 47.000\\ 47.001\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.041\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.049\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.050\\ 47.070\\ 47.070\\ 47.070\\ 47.070\\ 47.071\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\\ 47.074\end{array}$	G-3373-1 Grant Award CCF-0524331 OMSA-2004-SSL-SUNYAB OMSA2007SSLSUNYUB 2008-1015-06 00006218 A11647 1404560031221A CUREE Subcontract No 6 07050402 576722 R3B592 7255 5275811/8129736 2236101654801 TBN F217416 PHY0612811 Sub 11 FY2004005 DMR0423914 OCE-0603790UB/Fund 21131 PSN06803 G304515 050404-532943 167795374101053 2358102104801 A11157 R00695 F555202 0145GKB375 107476G002259 S0991AA 413401G 528296	133 2,274 43,305,737 — — — — — — — — — — — — — — — — — —	$\begin{array}{c} 29,503\\ 29,503\\ 267\\ 15,173\\ 17,557\\ 538,472\\ 1,011,477\\ 21,299\\ 1,087\\ 15,212\\ 32,372\\ 139,810\\ 45,849\\ 14,018\\ 22,088\\ 46,966\\ 4,265\\ 23,867\\ 73,921\\ 1,046\\ 37,165\\ 23,203\\ 52,362\\ 112,368\\ 16,552\\ 732\\ 26,667\\ 96,313\\ 108,540\\ 70,522\\ 18,431\\ 1,705\\ 14,797\\ (8,282)\\ 154,206\\ 200,496\\ 12,943\\ 32,814 \end{array}$	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
Vational Science Foundation (Continued):		<u> </u>			
College of William and Mary	47.075	SNY713161	\$ —	52,914	
Montana State University	47.075	G02307W0992	—	17,205	
National Bureau of Economic Research Incorporated	47.075	283433000790617700	_	148	
University of Maryland	47.075	Z314801	-	25,558	
Eastern Michigan University	47.075	EMU 20080217	—	21,199	
University of California at San Diego	47.075	PO#10295473	—	55,846	
US Civilian Research and Development Foundation	47.075	GEB12702TB05	_	(3,906)	
Rensselaer Polytechnic Institute	47.076	B10500	_	17,496	
Cache Corporation	47.076 47.076	Agrmt #0IE96		56,581	
Erie Community College Illinois State University	47.076	DUE0802062 07C210-01B	_	63,232 143,550	
University of Puerto Rico	47.076	0442365		3,731	
Pennsylvania State University	47.076	3114SUNYNSF8240	_	11,524	
US Civilian Research and Development Foundation	47.079	MOB1-2822-CS-06		467	
US Civilian Research and Development Foundation	47.079	UZC22877TA07		384	
Montana State University	47.080	G20409W2283	_	4,086	
Total National Science Foundation			43,308,800	3,676,521	46,985,3
epartment of Veterans Affairs:					
Veterans Admin Western New York Healthcare Systems	64	_	308,048	_	
Veterans Administration Medical Ctr at Northport	64	_	243,338	_	
Veterans Affairs Medical Center	64	_	69,052	_	
	04				620
Total Department of Veterans Affairs			620,438		620,4
Invironmental Protection Agency: Environmental Protection Agency	66	_	1,323,494	_	
Environmental Protection Agency Great Lakes Natio	66	_	1,608	_	
Rensselaer Polytechnic Institute	66.000	A10393E		(431)	
Upstate Freshwater Institute	66.000	_	_	142	
West Virginia University	66.001	06098SBU	_	32,083	
University of Connecticut	66.437	5663 FRS524320	_	6,935	
Finger Lakes Resource Conservation & Development C	66.439	WS-98292700-0	_	13,599	
Suffolk County Health Services	66.456	HSV525823511100000001	_	25,673	
Village of Cooperstown	66.460	_	_	543	
Indiana University	66.469	_	_	7,052	
Clarkson University	66.469	375327912 CLKSN61293	_	70,076	
Clarkson University	66.469	375327911	_	152,650	
Clarkson University	66.469	PO CLKSN-66823	_	34,313	
University of Colorado	66.509	0000058273	_	11,390	
NYS Department of Environmental Conservation	66.600	AM06907	_	12,178	
Syracuse University	66.606	1705801139817	_	100,044	
Bluepoint Environmental LLC	66.606	_	_	38,188	
Clarkson University	66.606	375328271 PO CLKSN-63766	_	56,051	
New York City Dept of Environmental Protection	66.606	CT82620040005237	_	(65,847)	
Onondaga Environmental Institute	66.606	_	_	6,823	
Syracuse University	66.606	17058S2124101139	_	64,603	
Syracuse University	66.606	17058S2124201139	_	75,124	
Syracuse University	66.606	1705801139814	_	15,705	
Syracuse University	66.606	1705801139816	_	10,244	
Syracuse University	66.606	1705801139829		77,727	
Total Environmental Protection Agency			1,325,102	744,865	2,069,9
epartment of Energy:					
Argonne National Laboratory	81	—	9,466	—	
Argonne National Laboratory Bonneville Power Administration	81		9,388	—	
Argonne National Laboratory Bonneville Power Administration Fermi National Accelerator Laboratory	81 81	 	9,388 197,319		
Argonne National Laboratory Bonneville Power Administration Fermi National Accelerator Laboratory National Nuclear Security Administration	81 81 81	 	9,388 197,319 293,649		
Argonne National Laboratory Bonneville Power Administration Fermi National Accelerator Laboratory National Nuclear Security Administration Oak Ridge National Laboratory	81 81 81 81	 	9,388 197,319 293,649 40,606		
Argonne National Laboratory Bonneville Power Administration Fermi National Accelerator Laboratory National Nuclear Security Administration Oak Ridge National Laboratory Department of Energy	81 81 81 81 81		9,388 197,319 293,649 40,606 13,005,397		
Argonne National Laboratory Bonneville Power Administration Fermi National Accelerator Laboratory National Nuclear Security Administration Oak Ridge National Laboratory Department of Energy Rural Development	81 81 81 81 81 81		9,388 197,319 293,649 40,606		
Argome National Laboratory           Bonneville Power Administration           Fermi National Accelerator Laboratory           National Nuclear Security Administration           Oak Ridge National Laboratory           Department of Energy           Rural Development           West Valley Nuclear Services Company Incorporated	81 81 81 81 81 81 81.000		9,388 197,319 293,649 40,606 13,005,397		
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute	81 81 81 81 81 81 81,000 81,049	PO68770	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035	
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated	81 81 81 81 81 81,000 81,049 81,049	PO68770 8004	9,388 197,319 293,649 40,606 13,005,397		
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory	81 81 81 81 81 81,040 81,049 81,049	PO68770 8004 AEK88827001	9,388 197,319 293,649 40,606 13,005,397		
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory	81 81 81 81 81 81,000 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801	9,388 197,319 293,649 40,606 13,005,397		
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory	81 81 81 81 81 81,000 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228	9,388 197,319 293,649 40,606 13,005,397		
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory         Agais Technology         Michigan Technological University	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049	P068770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035 420 60,284 34,397 31,269 30,319	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC	81 81 81 81 81 81.049 81.049 81.049 81.049 81.049 81.049 81.049 81.049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144229	9,388 197,319 293,649 40,606 13,005,397		
Argonne National Liaboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Science Associates LLC	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035 420 60,284 34,397 31,269 30,319 9,873 5,978	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory         National Renewable Energy Laboratory         National Renewable Energy Laboratory         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Science Associates LLC         Brookhaven Science Associates LLC	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	P068770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144229 144959 140343	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035 420 60,284 34,397 31,269 30,319 9,873 5,978 35,423	
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuckear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516720 P0072320 144229 144959 140343 138037	9,388 197,319 293,649 40,606 13,005,397		
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory         Aegis Technological University         Brookhaven Science Associates LLC	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 140343 138037 135462	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035 420 60,284 34,397 31,269 30,319 9,873 5,978 35,423 6,067 33,968	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	P068770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144229 144959 140343 138037 135462 133850	9,388 197,319 293,649 40,606 13,005,397	$\begin{array}{c}$	
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Science Associate	81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 140343 138037 135462 133850 124039	9,388 197,319 293,649 40,606 13,005,397	79,543 2,035 420 60,284 34,397 31,269 30,319 9,873 5,978 35,423 6,067 33,968 6,930 13,438	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory         Aegis Technology Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Science Associates LLC </td <td>81 81 81 81 81 81 81,040 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049</td> <td>PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 140343 138037 135462 133850 124039 119573</td> <td>9,388 197,319 293,649 40,606 13,005,397 281,853         </td> <td></td> <td></td>	81 81 81 81 81 81 81,040 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 140343 138037 135462 133850 124039 119573	9,388 197,319 293,649 40,606 13,005,397 281,853         		
Argome National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuckear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Scie	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 140343 138037 133850 133850 124039 119573 117311	9,388 197,319 293,649 40,606 13,005,397 281,853         		
Argone National Liboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Scie	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 144959 14959 14959 14950 138037 135462 133850 124039 119573 117311 DEFG0205ER84232	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Liaboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sc	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516720 P0072320 144259 140343 138037 135462 133850 124039 119573 119573 119573 119573 41973 6807111	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Liaboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sc	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 144959 138037 135462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691	9,388 197,319 293,649 40,606 13,005,397 281,853         		
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         National Renewable Energy Laboratory         Aegis Technological University         Brookhaven Science Associates LLC         <	81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 144959 140343 133850 133462 133850 124039 119573 117311 DEF00205ER84232 6807111 B574691 10884	9,388 197,319 293,649 40,606 13,005,397 281,853         	79,543 2,035 420 60,284 34,397 31,269 30,319 9,873 35,423 6,067 33,968 6,930 13,438 184,082 20,536 23,110 245,131 23,002 34,385	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144959 144959 144959 140343 138037 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166	9,388 197,319 293,649 40,606 13,005,397 281,853         		
Argonne National Liaboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sc	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 144959 14957 138037 135462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144229 144359 140343 133045 133462 133450 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 2003008004A8805 22788	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}\\\\\\\\\\\\\\\\\\$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 144959 138037 135462 13850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 140343 133850 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G DEFG3006GO16108	9,388 197,319 293,649 40,606 13,005,397 281,853         		
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Michigan Technological University         Brookhaven Science Associates LLC	81 81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 138037 135462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}\\\\\\\\\\\\\\\\\\$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         It Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 138037 135462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G DEFG3606G016108 G012026288	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81 81 81	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 140343 133850 133462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G DEFG3606GO16108 GO12026288 ——————————————————————————————————	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}\\\\\\\\\\\\\\\\\\$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,049 81,047 81,087 81,087 81,117 81,1121	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516220 P0072320 144259 144959 144959 144959 138037 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G DEFG3606G016108 GO12026288	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}$	
Argonne National Laboratory         Bonneville Power Administration         Fermi National Accelerator Laboratory         National Nuclear Security Administration         Oak Ridge National Laboratory         Department of Energy         Rural Development         West Valley Nuclear Services Company Incorporated         Battelle Memorial Institute         Hi Z Technology Incorporated         National Renewable Energy Laboratory         Aegis Technology         Michigan Technological University         Brookhaven Science Associates LLC         Brookhaven Sci	81 81 81 81 81 81 81 81 81 81	PO68770 8004 AEK88827001 AEK98833801 Agreement 09061228 Sub 050516Z20 P0072320 144259 144959 144959 140343 133850 133462 133850 124039 119573 117311 DEFG0205ER84232 6807111 B574691 10884 583166 20030098004A8805 22788 414091G DEFG3606GO16108 GO12026288 ——————————————————————————————————	9,388 197,319 293,649 40,606 13,005,397 281,853         	$\begin{array}{c}\\\\\\\\\\\\\\\\\\$	

#### Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Education:					
Department of Education	84	<u> </u>	\$ 6,130,287		
Arizona State University Florida International University	84.116 84.116	Subaward 08-923 29100051101		6,374 74,891	
Michigan Technological University	84.116	040420Z – PO 062039		11,337	
Michigan Technological University	84.116	040420Z - PO 062039	_	1,634	
Carnegie Mellon University	84.133	Subrecipient No 1100028-221807	_	70,389	
Duke University	84.133	OEG-H133E030018	—	123,725	
Duke University Duke University	84.133	141765-Buffalo	—	53,765	
Schenectady City School District	84.133 84.293	150254	_	14,627 23,601	
Leland Stanford Junior University	84.305	1968833038188A	_	21,648	
Leland Stanford Junior University	84.305	1968833038188A	_	147,996	
Rutgers University	84.305	Subaward No. 3585	-	83,086	
Every Person Influences Children Incorporated	84.310	U310A060031	—	54,966	
Westat Corporation	84.324	8541PO03 C00014897-3	_	44,971 62,728	
University of Missouri Columbia Florida State University	84.324 84.324	R00790	_	37,076	
NYS Education Department	84.367	T009094	_	28,525	
National Writing Project Corporation	84.928	_	_	6,242	
Total Department of Education			6,130,287	867,581	6,997,868
*			0,150,207	007,001	0,777,000
National Archives and Records Administration: Natl Historical Publications & Records Commission	89	_	72,594	_	
Total National Archives and Records Administration	07		72,594		72,594
			12,394		72,394
Department of Health and Human Services: ARRA – Eunice Kennedy Shriver National Institute of Child	93.701		9,468		
ARRA – Bunice Reinedy Shriver National Institute of Child ARRA – National Inst of Environmental Health Sciences	93.701		9,408	_	
ARRA – National Inst of Environmental freath Secrets	93.701	_	3,273	_	
ARRA - National Institute for Alcohol Abuse & Alcoholism	93.701	_	1,338	_	
ARRA - National Institute on Drug Abuse	93.701	—	31,689	—	
ARRA – National Cancer Institute	93.701	_	1,316	—	
ARRA – National Institute on Drug Abuse	93.701	—	2,255	—	
ARRA – National Institute on Drug Abuse	93.701	—	1,197	_	
Administration for Children and Families Agency for Healthcare Research and Quality	93 93	—	403,837 588,487	_	
Agency for Tealificate Research and Quality Agency for Toxic Substances and Disease Registry	93	—	256.693	_	
Centers for Disease Control and Prevention	93		2,083,214	_	
Eunice Kennedy Shriver National Institute of Child	93	_	6,125,726	_	
Fogarty International Center	93	_	121,976	_	
Health Resources and Services Admin	93	—	2,271,989	—	
National Cancer Institute	93	—	11,725,249	—	
National Center for Injury Prevention and Control	93	—	773,888	_	
National Center for Research Resources	93 93	—	3,664,570	—	
National Ctr on Minority Health&Health Disparities National Eye Institute	93	—	115,142 7,831,565	_	
National Heart Lung and Blood Institute	93	_	11,372,616	_	
National Human Genome Research Institute	93	—	871,385	_	
National Inst of Arthritis Musculoskeletal & Skin	93	_	4,748,078	_	
National Inst of Biomedical Imaging and Bioenginee	93	—	2,583,814	—	
National Inst of Diabetes Digestive Kidney Disease	93	—	7,217,223	_	
National Inst of Environmental Health Sciences	93	—	3,192,190	_	
National Inst of Neurological Disorders & Stroke National Inst on Deafness & Other Comm Disorders	93 93	—	10,374,529	_	
National Inst on Dearness & Other Comm Disorders National Institute for Alcohol Abuse & Alcoholism	93	—	4,389,751 17,729,241	_	
National Institute for Nursing Research	93	_	688,262	_	
National Institute Occupational Safety & Health	93	—	908,100	_	
National Institute of Allergy & InfectioDisease	93	_	14,808,611	_	
National Institute of Dental & Craniofacial Res	93	—	5,511,221	—	
National Institute of General Medical Sciences	93	—	16,537,895	_	
National Institute of Health	93	—	1,285,067	—	
National Institute of Mental Health National Institute on Aging	93 93	—	9,948,739	_	
National Institute on Aging National Institute on Drug Abuse	93		972,814 9,934,986		
Nat'l Center for Complementary & Alternative Medic	93		1,080,095	_	
Substance Abuse & Mental Health Services Admin	93	—	106,080	_	
Food and Drug Administration	93	—	361	_	
National Library of Medicine	93	—	42,816	_	
Womens Health Initiative	93		298,821		
Lynntech Incorporated	93.000	2007-NIH469-0002	_	5,964	
American Society for Clinical Pathology Axio Research Corporation	93.000 93.000	U47/CCU524902 NHL243-02	—	2,552 64,563	
Children's National Medical Center	93.000	79280408	_	61,265	
Columbia University	93.000		_	581	
Health Research Inc	93.000	CA121904	_	(6,216)	
Health Research Inc	93.000	CA121216	_	(7,294)	
Health Research Inc	93.000	55-7603-05	—	95,569	
Health Research Inc	93.000	1R01CA117108-02	_	1,374	
Health Research Inc	93.000	5 R03 CA121881-02	—	5,230	
Health Research Inc Health Research Inc	93.000 93.000	P01 CA103985 CA108888-01A1	_	4,035 5,547	
Health Research Inc	93.000	CA100000-01A1	_	5,547 29,272	
Health Research Inc	93.000	55-0894-02	_	29,272 27,306	
Health Research Inc	93.000	2R01CA0851426A2	_	13,533	
	93.000	Subaward 430-17-03	—	12,349	
Iowa State University	93.000			(2,033)	
Jacksonville State University	93.000	U50/ATU473215	_		
Jacksonville State University Mount Sinai Medical Center	93.000 93.000	—	_	85,519	
Jacksonville State University Mount Sinai Medical Center Q Chem, Inc	93.000 93.000 93.000	2R44GM073408-02		85,519 93,459	
Jacksonville State University Mount Sinai Medical Center Q Chem, Inc Regents of the University of California	93.000 93.000 93.000 93.000	—		85,519 93,459 3,586	
Jacksonville State University Mount Sinai Medical Center Q Chem, Inc Regents of the University of California Therex LLC	93.000 93.000 93.000 93.000 93.000	2R44GM073408-02 ITN10129-00SC		85,519 93,459 3,586 14,516	
Jacksonville State University Mount Sinai Medical Center Q Chem, Inc Regents of the University of California	93.000 93.000 93.000 93.000	2R44GM073408-02		85,519 93,459 3,586	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
epartment of Health and Human Services (Continued):					
Wake Forest University Health Sciences	93.000	N01-WH-4-4221	\$	3,934	
Westat Corporation National Association of County and City Health Off	93.000 93.008	Subcontract #- 8489-S-02 MRC080020	_	51,328 46	
University of California at San Diego	93.041	TPA44LL	_	6,950	
Orange County Dept of Mental Health	93.104		_	60,004	
Health Research Inc	93.110	332602	—	22,994	
Oregon Health & Science University	93.113	GCROE0137A	_	179,523	
Regents of the University of California	93.113	Sub0700256		29,715	
University of Illinois Urbana Champaign BioMedware Incorporated	93.113 93.113	2007-00634-01 R21ES015501SUNY	_	44,688 31,401	
Wayne State University	93.115	P043898	_	87,212	
University of Minnesota	93.114	S6526115102	_	109,323	
Swedish Health Services	93.115	0576 06a	_	41,507	
University of Illinois Urbana Champaign	93.115	A7395 / 02-202	_	2,282	
University of Bristol	93.121	5R01DE01669003	_	157,449	
University of Louisville	93.121	OGMB060534	-	159,186	
University of Minnesota	93.121	B6146038106	_	(2,738)	
University of Missouri at Kansas City	93.121	10039 00015290	—	292,262	
University of Nebraska	93.121	34-0920-2002001	—	(29,283)	
University of North Carolina at Chapel Hill University of North Carolina at Chapel Hill	93.121 93.121	5-51216 5-50333	_	451,676 50,692	
University of Pittsburgh	93.121	Subaward 0011393 114897-1	—	4,705	
Enzo Therapeutics	93.121			6,238	
University of Nebraska	93.121	3409252003006	_	10	
Johns Hopkins University	93.121	2000010047	_	(22,949)	
Mount Sinai School of Medicine	93.121	025524514609	_	22,950	
NY Alliance for Donation	93.134	1R39OT054040100	—	47,206	
NY Alliance for Donation	93.134	D71HS09611	-	48,218	
NY Alliance for Donation	93.134	D71HS09611	—	45,239	
New York Center for Liver Transplantation	93.134	R39OT07539	-	58,290	
New York Center for Liver Transplantation	93.134	R39OT07539	-	38,659	
Upstate New York Transplant Services Inc Upstate New York Transplant Services Inc	93.134 93.134	—		61,030 137,780	
Mount Sinai Medical Center	93.135	SC8587373	_	12,768	
Mount Sinai School of Medicine	93.135	U01DD00019502 PO# SM9160867	—	9,801	
Mount Sinai School of Medicine	93.135	U01DD00019503 SC8832809	_	20,946	
University of California at Davis	93.136	Agreement Number Sub0700002	_	24,672	
Columbia University	93.145	PO568452	_	8,946	
Columbia University	93.145	10 (5-37118)	-	73,727	
Westat Corporation	93.153	8530\$030	—	160,798	
Westat Corporation	93.153	8530S030	-	726,555	
Westat Corporation	93.153	N01HD33345	_	(25,032)	
Westat Corporation	93.153	N01HD33345	_	128,793	
Westat Corporation	93.153	8530S029	—	7,488	
Stanford University Stanford University	93.172 93.172	1588969033465D 15889690-33465-D	_	56,596 87,901	
Jackson Laboratory	93.172	P.O. 620658	_	50,666	
Purdue University	93.173	4102-22866	_	140,726	
University of Iowa	93.173	100612369	_	2,800	
University of California at San Diego	93.173	10293738	_	6,476	
University of Maryland Baltimore	93.173	SR00000302	_	94,541	
Arizona State University	93.213	Subaward # 07-784	_	9,723	
Health Research Inc	93.213	55091902	—	9,949	
Palmer Chiropractic University Foundation	93.213	1U19AT00413701	_	88,466	
NYS Office of Children and Family Services	93.217	C000603	—	(1)	
Maine Medical Center	93.226	0681002	—	44,141	
University of California at San Francisco Regents of the University of California, San Franc	93.242 93.242	5511sc 5513sc	_	4,283 (600)	
University of Chicago	93.242	26556	—	7,779	
University of Chicago	93.242	30181		33,359	
University of Rochester	93.242	414080-G / 5-24975	_	29,598	
University of Rochester	93.242	414527-G	_	42,543	
McLean Hospital Corporation	93.242	5R01MH07152304	_	20,052	
McLean Hospital Corporation	93.242	5R01MH07152303	—	69,882	
Trustees of Boston University	93.242	76665	_	51,230	
Trustees of Columbia University	93.242	527696	-	60,496	
University of Alabama Birmingham	93.242	2U01HD040053307	—	(4,179)	
University of Southern California	93.242	H40038	_	107,902	
Mount Sinai School of Medicine	93.242	025555964609	-	89,095	
University of California at San Diego University of California at San Diego	93.242	10252986004 PO10279541	—	101,910 3,479	
University of California at San Diego University of California at San Diego	93.242 93.242	PO10279541 PO10279541002	_	3,479 34,060	
University of California at San Diego	93.242	10293040	_	23,131	
University of Rochester	93.242	PO 413461-G/UR 5-29870	_	34,910	
University of Cincinnati	93.262	005180	_	36,314	
Onondaga County	93.268	39407	_	29,090	
Scripps Research Institute	93.273	5-22652	-	8,358	
Scripps Research Institute	93.273	5-21857	_	60,000	
Emory University	93.273	5-40860-G1	-	260,445	
University of Mississippi	93.273	66951-01		14,445	
University of Pittsburgh	93.273	108104-1	—	237,595	
University of Pittsburgh	93.273	Sub# 0005431; Proj# 114719-1	—	202,639	
University of Rochester	93.273	UR Account 5-29022	_	96,404	
Skidmore College University of Colorado	93.279 93.279	32135UA 0000058199	_	11,929 339,809	
Dartmouth College	93.279	0000058199 562	_	339,809 14,456	
New York University School of Medicine	93.279	7R01-DA005702-15	_	(8,590)	
Regents of the University of California, San Franc	93.279	5437sc	_	124,050	
Wake Forest University Health Sciences	93.279	WFHUS 49829	_	19,715	
	93.279	303018	_	6,913	
Pacific Institute for Research and Evaluation					
Pacific Institute for Research and Evaluation University of Miami	93.279	66392C	_	74,459	
		66392C M143038 BAT1327b		74,459 181,819 363,694	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
partment of Health and Human Services (Continued):					
Health Research Inc	93.283	14056601	\$	13,915	
University of Medicine & Dentistry of New Jersey	93.283	551789	-	5,462	
University of Medicine & Dentistry of New Jersey	93.283	551789	_	7,629	
Broome County Department of Health	93.283	CA 10-794-11 Res 07-429	_	8,570	
Health Research Inc	93.283	003154-02 15-0169-05	_	6,372	
Health Research Inc Health Research Inc	93.283 93.283	003152-03		31,273 306	
Clemson University	93.285	110275582092005884		15,395	
University of Tennessee	93.286	UTSI08002		91,296	
Warren Stress Management	93.361		_	14,158	
University of Rochester	93.389	414577G	_	5,753	
Massachusetts Institute of Technology	93.393	5710002095	_	121,327	
Health Research Inc	93.393	55-0947-01		9,369	
Health Research Inc	93.393	55-7704-02	—	36,027	
Health Research Inc	93.393	55-0917-02	—	18,294	
Health Research Inc	93.393	R01CA119358-01		120,741	
University of Pennsylvania	93.393	547791	—	42,642	
University of Utah	93.393	10001746 PO 0000137070	—	110,039	
Health Research Inc Biophotonics Corporation	93.394 93.394	55-0918-02		6,983 70,151	
Vitatex Inc	93.394	—		7,912	
Virginia Polytechnic Institute and State Univ	93.395	19191-431438		92,603	
Health Research Inc	93.395	55-0839-06		5,627	
Health Research Inc	93.395	55-0815-06		4,034	
Health Research Inc	93.395	55-0523-24		165,567	
Health Research Inc	93.395	55094101	_	62,897	
University of Michigan	93.395	F015447	_	39,337	
University of Rochester	93.395	414224-G 5-29070	_	18,577	
Gynecologic Oncology Group	93.395	02 5225 30 CTSU 2746970		72,326	
NSABP Foundation Incorporated	93.395	TFED363738345	_	19,067	
National Childhood Cancer Foundation	93.395	14052 985431158	_	1,848	
Strang Cancer Prevention Center	93.395	SCPCPreclinicalWA7Mod01	_	434	
University of Oklahoma	93.395	C1039001	_	21,129	
Weill Medical College of Cornell University	93.395	CN43302WMC08WA7	—	13,357	
Gynecologic Oncology Group	93.395	2746956	—	38,180	
Radiation Therapy Oncology Group	93.395	1501	_	646	
American College of Surgeons Oncology Group	93.395	309	_	2,744	
Duke University	93.395	GCID463	—	15	
National Childhood Cancer Foundation	93.395	17199	—	25,825	
National Childhood Cancer Foundation	93.395	17858	—	25,573	
National Childhood Cancer Foundation	93.395	17622	—	27,985	
National Childhood Cancer Foundation	93.395	17853	—	8,956	
University of Chicago	93.395	CA31946	—	8,748	
University of Chicago	93.395 93.395	24890 U10CA31946		86,318 124,800	
University of Chicago University of Chicago	93.395	24890 U10CA31946 24890 U10CA31946		25,425	
University of Miami	93.395	661537		2,192	
Albert Einstein College of Medicine	93.396	95261644		16,904	
Albert Einstein College of Medicine	93.396	95262969		154,801	
Health Research Inc	93.396	55094801	_	3,286	
Health Research Inc	93.396	57-0983-03	_	6,484	
Health Research Inc	93.396	57-0983-04	_	6,885	
University of Georgia	93.396	RR549213 3840788	_	76,956	
Health Research Inc	93.397	—		16,795	
Health Research Inc	93.397	55569032	_	34,055	
Health Research Inc	93.397	P30CA016056-32	_	201,847	
Southwest Oncology Group	93.399	CA37429	_	92,883	
University of Chicago	93.399	—	—	68	
Southwest Oncology Group	93.399	CA37429	—	1,506	
American College of Radiology	93.399	RTOGU10CA21661	—	634	
Natl Surgical Adj for Breast Bowel Cancer	93.399	PFED23USY01	—	19,254	
Natl Surgical Adj for Breast Bowel Cancer	93.399		—	970	
NYS Office of Children and Family Services	93.558	C000946	—	341,202	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.558	C002123 C024091	—	705,557 728	
NYS Developmental Disabilities Planning Council	93.575 93.630	C024091 C021598		6,825	
NYS Developmental Disabilities Planning Council	93.630	C021598		26,737	
NYS Department of Health	93.779	C021398		400	
Columbia University	93.779	HCFA95C90998	_	272,987	
JK Autoimmunity, Incorporated	93.837	Prime 1R41-HL093956-01		2,524	
New England Research Institute	93.837			6,834	
Northwestern University	93.837	0600-370-D242-1338		1,914	
Columbia University	93.837	3566249	_	54,882	
Columbia University	93.837	565919		373,662	
Columbia University	93.837	2ACC566229	_	94,236	
Columbia University	93.837	HL67101	_	126,208	
Columbia University	93.837	1530459	_	2,435	
Columbia University	93.837	566229	-	79,636	
Columbia University	93.837	573640	—	8,528	
Columbia University	93.837	565919	—	172,937	
Columbia University	93.837	536044	—	59,336	
Columbia University	93.837	5P01HL02895825		74,555	
Columbia University	93.837	1531491		1,025	
Mount Sinai Medical Center	93.837	N01HC25197		17,041	
	93.837	U01HL077221		7,075	
	93.837	SA550321628		68,883	
University of California Berkeley	02.027	28016 R01HL59199 520944	—	13,043	
University of California Berkeley University of Chicago	93.837				
Rhode Island Hospital University of California Berkeley University of Chicago Wake Forest University Abert Einschin Collega of Medicine	93.837	N01WH44221	—	738	
University of California Berkeley University of Chicago Wake Forest University Albert Einstein College of Medicine	93.837 93.837	N01WH44221	—	18,888	
University of California Berkeley University of Chicago Wake Forest University Albert Einstein College of Medicine Albert Einstein College of Medicine	93.837 93.837 93.837	N01WH44221 		18,888 13,120	
University of California Berkeley University of Chicago Wake Forest University Albert Einstein College of Medicine Albert Einstein College of Medicine Albert Einstein College of Medicine	93.837 93.837 93.837 93.837 93.837	N01WH44221 — 95262529 95262529		18,888 13,120 13,850	
University of California Berkeley University of Chicago Wake Forest University Albert Einstein College of Medicine Albert Einstein College of Medicine	93.837 93.837 93.837	N01WH44221 		18,888 13,120	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
epartment of Health and Human Services (Continued):					
University of Michigan	93.837	3001128195	\$	188,876	
Northwestern University University of Rochester	93.838 93.838	0600 370 Q218 1327 PO 412468-002-G		113,622 112	
CollaGenex Pharmaceuticals Incorporated	93.838	2R42HL06503002	_	215	
Columbia Presbyterian Medical Center	93.838	ACCORD	_	121,049	
University of Pittsburgh	93.838	0001933 114362-6	—	8,590	
CollaGenex Pharmaceuticals Incorporated	93.838	2R42HL06503002A1	—	26,393	
Henry Ford Health System	93.838	1R01HL09257601A2	-	78,472	
University of Michigan Saint Judes Childrens Research Hospital	93.838 93.839	3001128187 Patient Care costs	_	10,212 3,400	
Saint Judes Childrens Research Hospital	93.839	PO7251886	_	12,608	
Saint Judes Childrens Research Hospital	93.839	111270040 7302996	_	42,212	
University of Rochester	93.846	PO# 414067- 001-G	_	25,014	
University of Washington	93.846	Subaward 514465	—	119,225	
Neomatrix	93.846		-	34,102	
New York University School of Medicine New York University School of Medicine	93.846 93.846	060181 06-0181	_	4,333 27,404	
Medical University of South Carolina	93.846	MUSC08128	_	5,716	
George Washington University	93.847	S-TRN0708-JT25	_	9,944	
Albert Einstein College of Medicine	93.847	95261665	—	3,771	
George Washington University	93.847	08D08	—	233,302	
George Washington University	93.847	09D08	—	13,270	
Medical College of Georgia Duke University	93.847	2049715 06SCNIH1046	_	58,619	
Rhode Island Hospital	93.849 93.849	065CINIFI1046	_	91,686 17,120	
Cincinnati Childrens Hospital Research Foundation	93.849	CHMC 504 – 100089	_	5,837	
Columbia University	93.853	7U01NS04397507	_	28,686	
Lasmed LLC	93.853	Prime2R44NS04695102	_	5,930	
Mayo Clinic Jacksonville	93.853	Swiss	—	585	
Mayo Clinic Rochester Minnesota	93.853	SWISS Ferguson	—	1,937	
University of Medicine & Dentistry of New Jersey University of Rochester	93.853	99-705 413975	-	63,436	
University of Rochester Yale University	93.853 93.853	413975 A06785	_	11,117 66,341	
Research Foundation for Mental Hygiene	93.853		_	3,015	
University of California at Los Angeles	93.853	1925GGB094	_	6,443	
University of South Florida	93.853	6112016200A	_	65,935	
Bio-Signal Group Corporation	93.853	—	—	7,273	
Bio-Signal Group Corporation	93.853	9R42NS064474-02A1	—	42,938	
Biomedica Management Corporation	93.853	1R43AI08000101 2R44NS049734-02	_	21,214	
Photon Migration Technologies Corporation Columbia University	93.853 93.853	R01NS049734-02	_	41,576 275	
Massachusetts General Hospital	93.853	3U01NS04964004S1 208255	_	275	
Massachusetts General Hospital	93.853	3U01NS04964004S1 208255	_	66,111	
Massachusetts General Hospital	93.853	U01 NS049640-05	_	236,377	
Massachusetts General Hospital	93.853	5U01NS04964004	—	212,141	
Massachusetts General Hospital	93.853	5U01NS049640	—	49,294	
Mount Sinai School of Medicine	93.853	1U01NS04571903A1	_	19,607	
University of Kentucky Research Foundation Cornell University	93.853 93.855	304696040006239 54502-8769	_	554 22,610	
Duke University	93.855	147692	_	36,317	
Mayo Clinic Rochester Minnesota	93.855	RAI073282A	_	5,717	
Monash University	93.855	R01AI079330-01	_	51,691	
University of Massachusetts	93.855	6093454/RFS800144	-	67,854	
University of Pittsburgh	93.855	0000898	—	64,937	
Brookhaven Science Associates LLC	93.855 93.855	78364 218905	—	197,311 100,883	
Health Research Inc Health Research Inc	93.855	218905	_	149,095	
Health Research Inc	93.855	338301	_	77,500	
Saint Louis University	93.855	N01AI45250	_	8,596	
Social and Scientific Systems Incorporated	93.855	BRSIMPCTQ0600114T002	_	103,167	
Social and Scientific Systems Incorporated	93.855	BRSIMPCTQ0600114T001001	—	149,023	
University of Massachusetts Worcester	93.855	6093456RFS800145	—	89,968	
University of Massachusetts Worcester US Civilian Research and Development Foundation	93.855 93.856	ESX0002722TA06	—	36,282 3,323	
Georgia State University	93.856	FLAF3-01	_	3,323 118,448	
Social and Scientific Systems Incorporated	93.856	BRS ACURE Q 06 00140 T001	_	469,364	
Stanford University	93.856	PY-2581-25176-A	—	67	
Colorado State University	93.856	G78131	—	2,884	
Myriad Genetics Incorporated	93.856	HHSN266200400057C	—	201,897	
Myriad Genetics Incorporated Saint Louis University	93.856	HHSN266200400057C	—	140,512 164,323	
Epitype Corporation	93.856 93.856	_	_	164,323 9,950	
Brigham and Womens Hospital	93.859	125153	_	41,181	
Georgetown University	93.859	RX4220042SUNY	_	53,175	
New York Structural Biology Center	93.859	U54GM075026	—	87,117	
New York Structural Biology Center	93.859		—	1,292	
Ohio State University Research Foundation	93.859	RF01098313	—	40,764	
Rutgers University	93.859	S940026 00003498	—	29,545	
Rutgers University University of Arkansas	93.859 93.859	00003498 ARIA 31078	_	499,548 107,884	
University of Illinois Urbana Champaign	93.859	20080169801	_	88,072	
Battelle Memorial Institute	93.859	68093	_	15,693	
Case Western Reserve University	93.859	RES501930	_	36,503	
Duke University	93.859	_	—	4,500	
Mount Sinai School of Medicine	93.859	025477724609	-	84,327	
Mount Sinai School of Medicine	93.859	025477524609	—	57,116	
Mount Sinai School of Medicine	93.859	025477114609	—	94,183	
Mount Sinai School of Medicine Mount Sinai School of Medicine	93.859 93.859	025477514609 025477114609	_	16,918 29,481	
Mount Sinai School of Medicine	93.859	025477714609	_	42,643	
Regents of the University of California	93.859	6814817	_	97,359	
				65,116	
Stony Brook Technology and Applied Research Inc	93.859	—	_		
Stony Brook Technology and Applied Research Inc Sunnybrook & Womens College Health Sciences Centre University of California at Davis	93.859 93.859 93.859	724180675 SUB06002896SBAMD1	_	41,586 69,356	

Schedule of Expenditures of Federal Awards

Federal grantor/federal subdivision or pass-through grantor	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Health and Human Services (Continued):					
University of Chicago	93.859		\$	119,943	
University of Pittsburgh	93.859	9000613	_	344	
Brigham and Womens Hospital	93.864 93.865	1R21HD05445101 2760SUNYDHHS6567	_	73,171 98,720	
Pennsylvania State University University of California at San Francisco	93.865	2760SUN Y DHHS6567 4633sc	_	3,353	
University of California at San Francisco	93.865	4533SC	_	7,789	
University of California at San Diego	93.865	PO 10268866	_	8,022	
Harvard School of Public Health	93.865	U01HD05210203	_	60,794	
Harvard School of Public Health	93.865	5U01HD05210204	_	210,349	
Oregon Health & Science University	93.865	GVOLL0275A	_	102,166	
University of Alabama Birmingham	93.865	5U01HD040053308		13,941	
University of Alabama Birmingham	93.865	5U01HD040053308	_	1,026	
Harvard University	93.865	—	_	494,387	
Photon Migration Technologies Corporation	93.865	—	_	24,299	
Wayne State University	93.865	WSU08012/PO474012	_	53,536	
University of Michigan	93.866	3000728195	—	16,398	
Childrens Hospital of Boston	93.866	PO# 87648	—	1,750	
Cognosci Incorporated	93.866	1R41AG2819801A1	-	39,212	
Duke University	93.866	HHSN260200500010C		7,004	
Hebrew Rehabilitation Center for the Aged	93.866	5R01AG02548903		75,931	
Rand Corporation	93.866	9920050004	_	29,369	
Trustees of Princeton University University of Rochester	93.866 93.866	00000973 412799G	_	43,574 107,649	
Columbia University	93.866	1535060	_	107,649	
University of Texas Health Science Center	93.867	000435914		748	
University of Texas Health Science Center	93.867	000433914		10,236	
Emmes Corporation	93.867	HHSN260200500007C		3,147	
University of Texas	93.867	00004359		10,628	
University of Texas	93.867	00004359		7,468	
VisionQuest Biomedical	93.867	1R43EY01852301	_	12,117	
University of Oklahoma Health Sciences Center	93.867	R\$006234802	_	44,326	
Brigham and Womens Hospital	93.879	155032	_	21,127	
Brigham and Womens Hospital	93.879	155032	_	455	
Hunters Hope Foundation	93.888		_	176,568	
Health Research Inc	93.917	19002502	_	60,615	
Health Research Inc	93.917	_		11,937	
Erie County Medical Center	93.917	_		31,244	
Erie County Medical Center	93.917	_		54,675	
Health Research Inc	93.917	209806		58,223	
Health Research Inc	93.917	357401		60,811	
Health Research Inc	93.917	357402	_	35,764	
Regents of the University of California	93.989	00006206	_	25,000	
Health Research Inc	93.994	14046201		40,646	
Total Department of Health and Human Services			160,616,563	20,763,048	181,379,611
orporation for National and Community Service:					
Pennsylvania Campus Compact	94.005	_	_	2,426	
Pennsylvania Campus Compact	94.005	_	_	142	
Pennsylvania Campus Compact	94.005	_	_	5,310	
Foundation for Long Term Care	94.005	06LHHNY001		3,131	
Pennsylvania Campus Compact	94.005	—	_	2,403	
NYS Office of Children and Family Services	94.009	C000957	_	93,000	
NYS Office of Children and Family Services	94.009	C002124		77,914	
Total Corporation for National and Community Service				184,326	184,320
cial Security Administration:					
Boston College	96.007	9265SANDELL	-	5,031	
Regents of the University of Michigan	96.007	3000783960UM0809	_	22,061	
Regents of the University of Michigan	96.007	3001048279M0911		31,503	
Total Social Security Administration				58,595	58,59
epartment of Homeland Security:					
Department of Homeland Security	97		956,036		
University of Maryland University of Maryland	97.061 97.061	Z988507 Z930121	—	29,187 58,252	
University of Maryland	97.061	Z930121 Z930301		30,022	
Total Department of Homeland Security			956,036	117,461	1,073,497
gency for International Development:					
	98.001	PGAP281491	_	(1,238)	
National Academy of Sciences					
National Academy of Sciences Hebrew University of Jerusalem		438TBROOK 190087 TAMOU03CA 23037	_		
Hebrew University of Jerusalem	98.001	438TBROOK190087 TAMOU03CA23037		9,824	
		438TBROOK190087 TAMOU03CA23037	\$ 262,048,057	9,824 8,586 41,902,784	8,586

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	e	Direct xpenditures	Pass- through expenditures	Total expenditure
ther Programs:						
Department of Agriculture: Higher Education Multicultural Scholars Program	10.220	_	\$	(1,362)	_	_
Higher Education Multicultural Scholars Program	10.220	_	Ŧ	36,000	_	34,638
Secondary and Two-Year Postsecondary Agriculture Education Challenge Grants	10.226			1,521	_	1,521
NYS Office of Children and Family Services	10.226 10.551			1,521	24,911	1,521
NYS Office of Children and Family Services	10.551	—		_	45,506	
NYS Office of Children and Family Services	10.551	—		_	10,901	
NYS Office of Children and Family Services NYS Office of Children and Family Services	10.551 10.551	—		_	1,411 68,025	
NYS Office of Children and Family Services	10.551			_	19,909	
NYS Office of Children and Family Services	10.551	_		_	22,133	
NYS Office of Children and Family Services	10.551	C025572		—	10,961	
NYS Office of Children and Family Services NYS Office of Children and Family Services	10.551 10.551	C002142			53,802 17,623	
NYS Office of Children and Family Services	10.551				40,038	
NYS Office of Children and Family Services	10.551	_		_	9,782	
NYS Office of Children and Family Services	10.551	—		—	1,153	
NYS Office of Children and Family Services	10.551	—		—	60,190	
NYS Office of Children and Family Services NYS Office of Children and Family Services	10.551 10.551			_	17,328 19,857	
NYS Office of Children and Family Services	10.551	C002148			26,775	
NYS Office of Children and Family Services	10.551	C025572		_	10,157	
NYS Office of Temporary and Disability Assistance	10.551	C000977		_	669,499	
NYS Office of Temporary and Disability Assistance NYS Office of Temporary and Disability Assistance	10.551 10.551	C000979 C000983		_	163,516 509,346	
NYS Office of Temporary and Disability Assistance	10.551	C000983 C000984		_	566,629	
NYS Office of Temporary and Disability Assistance	10.551	C000986		_	257,330	
NYS Office of Temporary and Disability Assistance	10.551	C000985		_	388,288	
NYS Office of Temporary and Disability Assistance	10.551	C002092		—	283,608	
NYS Office of Temporary and Disability Assistance NYS Office of Temporary and Disability Assistance	10.551 10.551	C002100 C002093		_	882,646 355,904	
NYS Office of Temporary and Disability Assistance	10.551	C002094			219,529	
NYS Office of Children and Family Services	10.551	_			802	
NYS Office of Temporary and Disability Assistance	10.551	—		—	1,000,830	
NYS Office of Temporary and Disability Assistance	10.551				366,306 1,236,725	
NYS Office of Temporary and Disability Assistance NYS Office of Temporary and Disability Assistance	10.551 10.551			_	492,233	7,853,65
NYS Department of Health	10.557	C019375			179,520	.,,
NYS Department of Health	10.557	C023644			376,149	555,669
NYS Office of Temporary and Disability Assistance	10.561	C002097		_	108,220	108,220
Total Department of Agriculture				36,159	8,517,542	8,553,70
Department of Commerce:						
NYS Department of State	11	C113239			3,501	3,501
Measures and Analyses of the U.S. Economy	11.025	—		25,831	_	25,831
Investments for Public Works and Economic Development Facilities Trade Adjustment Assistance for Firms	11.300 11.313			180,759 122,365		180,75
Trade Adjustment Assistance for Firms	11.313	_		792,531	_	914,89
Sea Grant Support	11.417	—		22,713	—	
Sea Grant Support	11.417	—		21,858	—	
Sea Grant Support Sea Grant Support	11.417 11.417	—		16,836 702	_	62,10
Coastal Zone Management Estuarine Research Reserves	11.417			18,943		02,10
Coastal Zone Management Estuarine Research Reserves	11.420	_		19,798	_	38,74
Public Telecommunications Facilities Planning and Construction	11.550	_		153,208	_	153,20
Measurement and Engineering Research and Standards	11.609	—		2,593	—	21.49
Measurement and Engineering Research and Standards University of Rhode Island	11.609 11.472	0129070001224B		18,890	28,394	21,48 28,39
Total Department of Commerce	11.172	012/07/00012212		1,397,027	31,895	1,428,92
*				1,397,027	51,895	1,420,92
Department of Defense: Department of Defense	12	_		24,897	_	24,89
Basic and Applied Scientific Research	12.300	_		3	_	,.,
Academy of Applied Sciences	12.300	0734			765	
Academy of Applied Sciences	12.300	0735		—	795	
Academy of Applied Sciences Academy of Applied Sciences	12.300 12.300	0853 0854 0864		—	4,975 2,493	
Academy of Applied Sciences	12.300	0865		_	2,493	
Academy of Applied Sciences	12.300	W911NF0410001			10,624	22,20
Military Medical Research and Development	12.420	—		29,070	—	
Military Medical Research and Development	12.420	—		28,763	_	
Military Medical Research and Development Military Medical Research and Development	12.420 12.420	—		9,803 418,545	_	486,18
Basic Scientific Research	12.420	_		5,612		400,10
Academy of Applied Sciences	12.431	_		_	362	
Academy of Applied Sciences	12.431	—		_	5,500	11,47
Basic, Applied, and Advanced Research in Science and Engineering Mathematical Sciences Grants Program	12.630	—		108,055	_	108,05
Mathematical Sciences Grants Program Mathematical Sciences Grants Program	12.901 12.901			12,490 9,106		21,59
Total Department of Defense	12.701			646,344	28,066	674,41
*				040,344	20,000	0/4,41
Department of Housing and Urban Development:						
Community Development Block Grants/Brownfields Economic Development Initiative	14.246	_		251,783	_	251,78
Economic Development Initiative-Special Project,	14.240	—		201,/03	_	231,/8
Economic Development mitiative-special Project.				62 250		
Neighborhood Initiative and Miscellaneous Grants	14.251	—		63,250	_	
Neighborhood Initiative and Miscellaneous Grants Economic Development Initiative-Special Project,		—			—	
Neighborhood İnitiative and Miscellaneous Grants Economic Development Initiative-Special Project, Neighborhood Initiative and Miscellaneous Grants	14.251 14.251	_		31,625	_	
Neighborhood İnitiative and Miscellaneous Grants Economic Development Initiative-Special Project, Neighborhood Initiative and Miscellaneous Grants Economic Development Initiative-Special Project,	14.251	_		31,625	_	202.87
Neighborhood İnitiative and Miscellaneous Grants Economic Development Initiative-Special Project, Neighborhood Initiative and Miscellaneous Grants					_	292,87

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number		Direct expenditures	Pass- through expenditures	Total expenditures
Department of Housing and Urban Development (Continued): Lead Outreach Grants	14.904	_	\$	61,191	_	61,191
City of Buffalo	14.906	NYLHD 0032-04 CD-1200-02	_		7	7
Total Department of Housing and Urban Development			_	848,162	7	848,169
Department of the Interior: National Cooperative Geologic Mapping Program	15.810	_		664	_	
National Cooperative Geologic Mapping Program	15.810	—	_	3,779		4,443
Total Department of the Interior			_	4,443		4,443
Department of Justice:						
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525	_		33,508	_	
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525			87.650		
Grants to Reduce Domestic Violence, Dating Violence,		—		87,659	—	
Sexual Assault, and Stalking on Campus Grants to Reduce Domestic Violence, Dating Violence,	16.525	—		46,131	—	
Sexual Assault, and Stalking on Campus	16.525	—		78,890	_	
Grants to Reduce Domestic Violence, Dating Violence, Sexual Assault, and Stalking on Campus	16.525	_		81,009	_	327,197
National Institute of Justice Research, Evaluation, and						
Development Project Grants National Institute of Justice Research, Evaluation, and	16.560	—		205,844	_	
Development Project Grants	16.560	—		109,597	—	315,441
Criminal Justice Research and Development – Graduate Research Fellowships	16.562	_		20,000	_	20,000
New York State Coalition Against Sexual Assault New York State Coalition Against Sexual Assault	16.575 16.575	—			(611) 637	
Council of State Governments	16.580	09A1161408		_	23,797	26 23,797
NYS Unified Court System Council of State Governments	16.585 16.602	C100637 09PA161509		_	468 69	468 69
Public Safety Partnership and Community Policing Grants	16.710			7,847	—	07
Center for Problem Oriented Policing Center for Problem Oriented Policing	16.710 16.710			_	9,577 14,559	31,983
NYS Division of Criminal Justice Services	16.738	BJ071129D00	_		13,177	13,177
Total Department of Justice			_	670,485	61,673	732,158
Department of Labor:						
Workforce Development Corporation Workforce Development Corporation	17.258 17.258	180 180			121,117 130,009	
CNY Works Incorporated	17.258	S194		—	9,840	
CNY Works Incorporated CNY Works Incorporated	17.258 17.258	S196 S208		_	4,992 24,483	
CNY Works Incorporated	17.258	S217		_	1,175	291,616
GLOW Workforce Investment Board GLOW Workforce Investment Board	17.259 17.259			_	12,318 2,644	
Family Services Inc	17.259			_	11,504	02.024
NYS Department of Labor New York State Association of Counties	17.259 17.260	C001827		_	66,368 6,426	92,834 6,426
WIA Pilots, Demonstrations, and Research Projects	17.261	—		2,917	—	
WIA Pilots, Demonstrations, and Research Projects RochesterWorks Inc	17.261 17.261	_		74,104	112,609	
RochesterWorks Inc Community Based Job Training Grants	17.261 17.269	087572		7,716	11,002	200,632
Community Based Job Training Grants	17.269	_		226,681	_	
Community Based Job Training Grants Occupational Safety and Health – Susan Harwood Training	17.269	—		1,379	_	235,776
Grants	17.502	_	_	103,120		103,120
Total Department of Labor			_	415,917	514,487	930,404
Department of State:						
Department of State Department of State	19 19	_		107,776 319,844		
Georgetown University	19	RFSUNRX205088407L		_	7,499	435,119
Program for Study of Eastern Europe and the Independent States of the Former Soviet Union	19.300	_		(6,216)	_	
Program for Study of Eastern Europe and the Independent	10 200			(67.064)		(74.100)
States of the Former Soviet Union Institute of International Education	19.300 19.401	_		(67,964)	10,816	(74,180) 10,816
Total Department of State			_	353,440	18,315	371,755
Department of Transportation:			_			
STV Incorporated Research Foundation of City University of New York	20.200 20.502	3211867 491110320		_	1,852 12,622	1,852 12,622
NYS Department of Transportation	20.502	C000377		_	(40)	(40
NYS Governors Traffic Safety Committee NYS Governors Traffic Safety Committee	20.600 20.600	C001729 C001734		_	239,298 153,848	
NYS Governors Traffic Safety Committee	20.600	C001730		_	533,788	
NYS Governors Traffic Safety Committee NYS Governors Traffic Safety Committee	20.600 20.600	C001391 C001672		_	216,394 57,012	
NYS Governors Traffic Safety Committee	20.600	C001392			96,357	
NYS Governors Traffic Safety Committee NYS Governors Traffic Safety Committee	20.600 20.600	C001635		_	96,814 104,018	1,497,529
NYS Governors Traffic Safety Committee	20.602	C001549			19,160	
NYS Governors Traffic Safety Committee Research Foundation of City University of New York	20.602 20.701	C001756 491110321		_	4,669 19,063	23,829 19,063
State Maritime Schools	20.806	—	_	18,470		18,470
Total Department of Transportation			_	18,470	1,554,855	1,573,325
Appalachian Regional Commission:	22.002			62 (10		
Appalachian Regional Commission: Appalachian Area Development Appalachian Area Development	23.002 23.002	_		62,610 100,618		163,228

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditure
Office of Personnel Management:					
Intergovernmental Personnel Act (IPA) Mobility Program	27.011	—	\$ 134,122	—	
Intergovernmental Personnel Act (IPA) Mobility Program Intergovernmental Personnel Act (IPA) Mobility Program	27.011 27.011		104,157 26,904	_	265,183
Total Office of Personnel Management	27.011		265,183		265,183
-			205,185		205,185
National Aeronautics and Space Administration: National Aeronautics and Space Administration	43	_	7,028	_	
National Aeronautics and Space Administration	43	_	25,712	_	
National Aeronautics and Space Administration	43	—	18,172	—	50,912
Aerospace Education Services Program	43.001 43.001	482408497	24,529	14,114	
Cornell University Institute for Application of Geospatial Technology	43.001	482408497	_	14,114	40,191
Total National Aeronautics and Space Administration			75,441	15,662	91,103
*			75,111	10,002	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
National Foundation on the Arts and Humanities: Promotion of the Arts – Grants to Organizations and Individuals	45.024	_	10,000	_	
Promotion of the Arts – Grants to Organizations and Individuals	45.024	_	1,192	_	
Promotion of the Arts - Grants to Organizations and Individuals	45.024	—	10,000	—	
Promotion of the Arts – Grants to Organizations and Individuals Promotion of the Arts – Grants to Organizations and Individuals	45.024 45.024	—	10,000 28,720		
Arts Midwest	45.024	35839	28,720	19,827	79,739
New York Council for the Humanities	45.129	5582	_	2,428	19,199
New York Council for the Humanities	45.129	5632	—	750	3,178
Promotion of the Humanities – Division of Preservation and Access	45.149	—	2,749	—	
Promotion of the Humanities – Division of Preservation and Access Promotion of the Humanities – Division of Preservation and Access	45.149 45.149	—	123,150 4,946	-	130,845
Promotion of the Humanities – Division of Preservation and Access Promotion of the Humanities – Professional Development	45.149		4,946 82,738	_	150,845
Promotion of the Humanities - Professional Development	45.163	_	38,205	_	120,943
Promotion of the Humanities – Public Programs	45.164	—	1,296	—	1,296
Promotion of the Humanities – Office of Digital Humanities	45.169	—	9,011	—	9,011
21st Century Museum Professionals National Leadership Grants	45.307 45.312	_	11,625 88,758	_	11,625 88,758
	45.512	—			
Total National Foundation on the Arts and Humanities			422,390	23,005	445,395
National Science Foundation: ARRA – Trans-nsf Recovery Act Research Support	47.082		4,402		4,402
National Science Foundation	47.082	_	259,195		4,402
National Science Foundation	47	_	214,340	_	
National Science Foundation	47	_	5,264	_	
University of Notre Dame	47.000	PHY02-07072		1,760	480,559
Engineering Grants Engineering Grants	47.041 47.041	—	69,168	_	
Clarkson University	47.041		9,141	243	78,552
Mathematical and Physical Sciences	47.049	_	92,862		70,002
Mathematical and Physical Sciences	47.049	_	257,794	_	
Mathematical and Physical Sciences	47.049	—	102,095	—	
Mathematical and Physical Sciences Mathematical and Physical Sciences	47.049 47.049	—	7,825 1,168	_	
Mathematical and Physical Sciences	47.049		28,041	_	
Mathematical and Physical Sciences	47.049	_	239,656	_	
Mathematical and Physical Sciences	47.049	—	58,552	—	
University of Notre Dame	47.049	2000 100002	-	1,925	
Johns Hopkins University Mathematical Association	47.049 47.049	2000408992 DMS-536991	—	62,296 1,477	853,691
Geosciences	47.050		55,802	1,477	055,071
Geosciences	47.050	_	69,710	_	
Geosciences	47.050	_	38,726	_	
Geosciences	47.050	—	21,787	-	
Geosciences Geosciences	47.050 47.050	_	153,528 186,869		
Institute for Global Environmental Strategies	47.050	071026		17,026	543,448
Computer and Information Science and Engineering	47.070	_	216,588	_	
Computer and Information Science and Engineering	47.070	—	125,068	_	
Computer and Information Science and Engineering	47.070	—	4,810	-	250.000
Computer and Information Science and Engineering Biological Sciences	47.070 47.074		3,632 14,000	_	350,098
Biological Sciences	47.074	_	210,223	_	
Biological Sciences	47.074	_	4,998	_	
Biological Sciences	47.074	_	9,202	_	
Biological Sciences	47.074	—	13,568	—	
Biological Sciences Biological Sciences	47.074 47.074	_	1,738 579	_	
Biological Sciences	47.074	_	10,220	_	
		_	30,287	_	
Biological Sciences	47.074			_	400,889
Biological Sciences	47.074	—	106,074		
Biological Sciences Social, Behavioral, and Economic Sciences	47.074 47.075	_	2,689	—	
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075		2,689 14,999		
Biological Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075		2,689 14,999 14,909		
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075	   	2,689 14,999		
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075		2,689 14,999 14,909 5,548 1,164 10,105		
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\end{array}$		
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\end{array}$		
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\end{array}$		<b>5</b> 0,090
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\\ 1,305\end{array}$		59,989
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\\ 1,305\\ 149,118\\ \end{array}$		59,989
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Education and Human Resources Education and Human Resources	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.076 47.076 47.076		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\\ 1,305\\ 149,118\\ 3,585\\ 83,587\end{array}$		59,989
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Education and Human Resources Education and Human Resources Education and Human Resources	$\begin{array}{c} 47.074\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.075\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\ 47.076\\$		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\\ 1,305\\ 149,118\\ 3,585\\ 83,587\\ 11,578\\ \end{array}$		59,989
Biological Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Social, Behavioral, and Economic Sciences Education and Human Resources Education and Human Resources	47.074 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.075 47.076 47.076 47.076		$\begin{array}{c} 2,689\\ 14,999\\ 14,909\\ 5,548\\ 1,164\\ 10,105\\ 3,969\\ 4,220\\ 1,081\\ 1,305\\ 149,118\\ 3,585\\ 83,587\end{array}$		59,989

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
National Science Foundation (Continued):		- ass an ough name of			
Education and Human Resources	47.076	_	\$ 5,769	_	
Education and Human Resources	47.076	—	123,603	_	
Education and Human Resources	47.076	—	361,097	—	
Education and Human Resources Education and Human Resources	47.076 47.076	—	121,616 126,943	—	
Education and Human Resources	47.076		126,943	_	
Education and Human Resources	47.076	_	903,467		
Education and Human Resources	47.076	_	497,363	_	
Education and Human Resources	47.076	_	127,005	_	
Education and Human Resources	47.076	—	885,021	_	
Education and Human Resources	47.076	—	63,919	_	
Education and Human Resources	47.076	—	108,713	_	
Education and Human Resources Education and Human Resources	47.076 47.076	—	7,387 138,878	_	
Education and Human Resources	47.076	—	57,492	—	
Education and Human Resources	47.076		230,186	_	
Education and Human Resources	47.076	_	97,498	_	
Education and Human Resources	47.076	—	867	—	
Education and Human Resources	47.076	_	39	-	
Education and Human Resources	47.076	—	28,675	_	
Education and Human Resources	47.076	—	80,658	_	
Education and Human Resources	47.076	—	45,824	_	
Education and Human Resources Education and Human Resources	47.076 47.076	_	45,922 86,540	_	
Education and Human Resources	47.076	—	115,192	_	
Education and Human Resources	47.076	—	3,098	—	
Education and Human Resources	47.076		102,784	_	
Education and Human Resources	47.076		59,655	_	
Education and Human Resources	47.076	_	473,870	_	
Education and Human Resources	47.076	_	58,999	_	
Education and Human Resources	47.076	—	9,986	—	
Education and Human Resources	47.076	_	3,707	_	
Education and Human Resources	47.076	—	491,997		
National Center for Science and Civic Engagement	47.076		-	(34)	
Rensselaer Polytechnic Institute	47.076	B10536 51306-8588	_	4,757	
Cornell University Hofstra University	47.076 47.076	EHR0314910		84,293 426,738	
Dunkirk City School District	47.076	EHK0314910	_	40,737	6,869,836
Total National Science Foundation	47.070		9,000,246	641,218	9.641.464
Small Business Administration:				,	.,,
Small Business Administration	59	_	(31)	_	(31)
Small Business Development Centers	59.037	_	26,683	_	()
Small Business Development Centers	59.037	_	3,177,904	_	
Small Business Development Centers	59.037	—	263,182	_	
Small Business Development Centers	59.037	—	181,686	_	
Small Business Development Centers	59.037	—	1,744,617	_	
Small Business Development Centers	59.037	—	28,443	-	
Small Business Development Centers	59.037 59.037	_	69,434	—	5,491,948
Small Business Development Centers Veterans Business Development	59.044	—	(1) 2,761	_	5,491,948
Veterans Business Development	59.044		143,887	_	146,648
Total Small Business Administration			5,638,565		5,638,565
Department of Veteran Affairs:					
Veterans Benefits Administration	64	_	3,885	_	
Veterans Benefits Administration	64	_	10,177	_	14,062
Veterans Dependency and Indemnity Compensation for	64.110				
Service-Connected Death	64.110	_	2,981		2,981
Total Department of Veteran Affairs			17,043		17,043
Environmental Protection Agency: Greater Research Opportunities (GRO) Fellowships For					
Undergraduate/Graduate Environmental Study	66.513	_	8,522	_	
Greater Research Opportunities (GRO) Fellowships For	00.515		0,522		
Undergraduate/Graduate Environmental Study	66.513	_	15,916	_	
Greater Research Opportunities (GRO) Fellowships For					
		_	5,001	_	
Undergraduate/Graduate Environmental Study	66.513				
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For					40,311
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study	66.513	_	10,872	_	40,511
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program	66.513 66.514	Ξ	1,138		40,311
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program	66.513 66.514 66.514	=	1,138 5,206		40,511
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program	66.513 66.514 66.514 66.514	 	1,138 5,206 8,389	_	
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program	66.513 66.514 66.514 66.514 66.514	 	1,138 5,206 8,389 6,824	 	21,557
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants	66.513 66.514 66.514 66.514 66.514 66.606	 	1,138 5,206 8,389		
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University	66.513 66.514 66.514 66.514 66.514 66.606 66.606		1,138 5,206 8,389 6,824	  207	21,557
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants	66.513 66.514 66.514 66.514 66.514 66.514 66.606 66.606 66.606		1,138 5,206 8,389 6,824 66,302		21,557 68,372
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University	66.513 66.514 66.514 66.514 66.514 66.606 66.606		1,138 5,206 8,389 6,824 66,302	  207	21,557
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Prove Results (STAR) Fellowship Program Science To Prove Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Provention Grants Program	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\end{array}$	1705801139S24	1,138 5,206 8,389 6,824 66,302  78,309	  207	21,557 68,372 78,309
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\end{array}$	1705801139S24	1,138 5,206 8,389 6,824 66,302  78,309	 207 1,863 	21,557 68,372 78,309 38,571
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\end{array}$	1705801139S24	1,138 5,206 8,389 6,824 66,302 <u> </u>	 207 1,863  26,703	21,557 68,372 78,309 38,571 26,703
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\end{array}$	1705801139S24	1,138 5,206 8,389 6,824 66,302 <u> </u>	 207 1,863  26,703	21,557 68,372 78,309 38,571 26,703
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 	1,138 5,206 8,389 6,824 66,302 	 207 1.863  26,703 28,773 19,004	21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy: Department of Energy Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Scurveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy Brookhaven Science Associates LLC Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 — — — — — — — — — — — — — — — — — — —	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy Brookhaven Science Associates LLC Brookhaven Science Associates LLC Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 — — — 136609 136365 135942 133858 133610	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency <b>Department of Energy</b> Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 — — — — — — — — — — — — — — — — — — —	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823
Undergraduate/Graduate Environmental Study Greater Research Opportunities (GRO) Fellowships For Undergraduate/Graduate Environmental Study Science To Achieve Results (STAR) Fellowship Program Science To Achieve Results (STAR) Fellowship Program Surveys, Studies, Investigations and Special Purpose Grants Syracuse University Pollution Prevention Grants Program Brownfield Job Training Cooperative Agreements City of Lackawanna Total Environmental Protection Agency Department of Energy Brookhaven Science Associates LLC Brookhaven Science Associates LLC Brookhaven Science Associates LLC Brookhaven Science Associates LLC	$\begin{array}{c} 66.513\\ 66.514\\ 66.514\\ 66.514\\ 66.514\\ 66.606\\ 66.606\\ 66.606\\ 66.606\\ 66.708\\ 66.815\\ 66.815\\ 66.818\\ \end{array}$	1705801139S24 — — — 136609 136365 135942 133858 133610	1,138 5,206 8,389 6,824 66,302 		21,557 68,372 78,309 38,571 26,703 273,823

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
	number	i uss-un ough humber	expenditures	expenditures	expenditures
Department of Energy (Continued): Brookhaven Science Associates LLC	81.049	133068	s —	40,145	
Brookhaven Science Associates LLC	81.049	129988	÷	10,378	
Brookhaven Science Associates LLC	81.049	127909	_	49,218	
Brookhaven Science Associates LLC	81.049	127938	—	(4,100)	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	127804 126924	_	40,947 40,135	
Brookhaven Science Associates LLC	81.049	127243	_	48,992	
Brookhaven Science Associates LLC	81.049	136685	_	11,948	
Brookhaven Science Associates LLC	81.049	138143	_	32,433	
Brookhaven Science Associates LLC	81.049	138988	-	29,210	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	138142 139642	_	32,656 18,210	
Brookhaven Science Associates LLC	81.049	141422	_	19,962	
Brookhaven Science Associates LLC	81.049	141064	_	16,294	
Brookhaven Science Associates LLC	81.049	141638	_	10,802	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049	142862	—	16,621	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	146480 146916	_	1,718 1,718	
Brookhaven Science Associates LLC	81.049	146787	_	1,718	
Brookhaven Science Associates LLC	81.049	145975	_	1,261	
Brookhaven Science Associates LLC	81.049	145974	-	1,261	
Brookhaven Science Associates LLC	81.049	148419	_	1,718	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	146691 73853	_	1,261 12,988	
Brookhaven Science Associates LLC	81.049	91752	_	29,729	
Brookhaven Science Associates LLC	81.049	98739	_	32,136	
Brookhaven Science Associates LLC	81.049	99625	_	37,553	
Brookhaven Science Associates LLC	81.049	106135	_	24,067	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	101072 101004	_	46,376 32,278	
Brookhaven Science Associates LLC	81.049	101004	_	37,902	
Brookhaven Science Associates LLC	81.049	101647	_	2,857	
Brookhaven Science Associates LLC	81.049	103695	_	34,372	
Brookhaven Science Associates LLC	81.049	103865	_	17,708	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	105489 105445	—	37,088 17,302	
Brookhaven Science Associates LLC	81.049	109586		37,497	
Brookhaven Science Associates LLC	81.049	109853	_	36,674	
Brookhaven Science Associates LLC	81.049	110126	—	36,047	
Brookhaven Science Associates LLC	81.049	127033		31,037	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	125897 125688	_	29,223 37,244	
Brookhaven Science Associates LLC	81.049	120259	_	36,527	
Brookhaven Science Associates LLC	81.049	120285	_	31,812	
Brookhaven Science Associates LLC	81.049	118427	—	22,344	
Brookhaven Science Associates LLC	81.049	116222		101,578	
Brookhaven Science Associates LLC	81.049 81.049	114733 113299	_	17,914 26,609	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049	113299	_	8,822	
Brookhaven Science Associates LLC	81.049	112125	_	37,880	
Brookhaven Science Associates LLC	81.049	112036	_	39,922	
Brookhaven Science Associates LLC	81.049	111033	-	37,669	
Brookhaven Science Associates LLC Brookhaven Science Associates LLC	81.049 81.049	109736 109982	_	46,294 21,813	
Brookhaven Science Associates LLC	81.049	109982	_	36,025	1,727,323
Energy Efficiency and Renewable Energy Information Dissemination,			_		-,,
Outreach, Training and Technical Analysis/Assistance	81.117	—	31,819	_	31,819
Total Department of Energy			133,079	1,727,323	1,860,402
				-,,	
Department of Education: D'Youville College	84	Gear Up II Yr 6-G.L. # 88-7753	_	664	
Rochester City School District	84	PO# 0001088761	_	7,113	
Northwestern Michigan Migrant Education Inc	84	_	_	299	
NYS Higher Education Services Corporation	84	C112065	-	10,827	18,903
NYS Education Department	84.002 84.002	C008477 C06807	-	19,661 9 500	
Yonkers Public School District NYS Education Department	84.002 84.002	C00807 C007538	_	312,450	
NYS Education Department	84.002	2338089002	_	21,126	
NYS Education Department	84.002	2338089001	_	17,650	
NYS Education Department	84.002	2338089003	-	1,699	
NYS Education Department	84.002	C007538	_	8,850	390,936
DeKalb County Schools State of North Carolina	84.010 84.010	36620051311392	_	32,461 116	32,577
NYS Education Department	84.011	0035080024	_	281,598	52,577
NYS Education Department	84.011	C009380 0035080022	_	31,041	
NYS Education Department	84.011	C401000 0035090022	—	451,331	
NYS Education Department	84.011		—	135,658	
NYS Education Department NYS Education Department	84.011 84.011	0035090037 C400998	_	30,013 513,128	
NYS Education Department	84.011	0035090037 C400998 0035080038 C009377		40,615	
NYS Education Department	84.011	0035080037	_	287,217	
NYS Education Department	84.011	0035080002	_	95,609	
NYS Education Department	84.011	0035090002 C400996	_	365,890	
NYS Education Department NYS Education Department	84.011 84.011	0035080005 C400993 0035090005	—	194,575 779,813	
California Department of Education	84.011 84.011	C400993 0035090005 CN066129	_	88,954	
Chandler (AZ) Unified School District #80	84.011		_	2,056	
Colorado Department of Education	84.011	PODAA080079	—	78	
Colorado Department of Education	84.011	PODAA0900000115	—	3,964	
Deming New Mexico Public School District EDCO Collaborative	84.011 84.011	000040305	—	4,141 23	
EDCO Collaborative	84.011 84.011		_	4,240	
Florida Department of Education	84.011	9862177A7PE01	_	(462)	
Florida Department of Education	84.011	9862178A8PE01	—	166,964	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Education (Continued):					
Florida Department of Education	84.011 84.011	9862179A9PE01	\$ —	318,553 3,491	
Gloucester County Special Services School District Kentucky Department of Education	84.011	M06179083	_	1,539	
Kentucky Department of Education	84.011	PO254008000158061	—	50,066	
Mississippi Department of Education	84.011	0832018231BOA6EA0901	_	22,210	
Mississippi Department of Education NYS Education Department	84.011 84.011	0932018231B0A7EA901	_	36,996 210,278	
NYS Education Department	84.011	_	_	1,012,877	
NYS Education Department	84.011	C009376 0035090023	—	188,649	
NYS Education Department	84.011 84.011	C009379 0035090032	-	75,768	
NYS Education Department NYS Education Department	84.011	C401003 0035090021 C009379 0035080032	_	729,283 14,085	
NYS Education Department	84.011	C009376 0035080023	_	133,114	
NYS Education Department	84.011	0035080021	-	197,703	
Northwestern Michigan Migrant Education Inc	84.011		-	68 498	
Oregon Department of Education Southwest Arkansas Migrant Education Cooperative	84.011 84.011		_	1,293	
Texas Education Agency	84.011	2106 PO25789	_	16,954	
Texas Education Agency	84.011	2106 PO24573	-	1,514	
Texas State University San Marcos University of Vermont	84.011 84.011	—	—	15,711 817	
Williamette Education Service District	84.011	2252119400000310	_	14,339	
NYS Education Department	84.011	0035080030	_	117,727	
NYS Education Department	84.011	C009375 0035090013	—	288,973	
NYS Education Department	84.011	0035090013 C400999	—	450,045	
Saint Lawrence Lewis BOCES Saint Lawrence Lewis BOCES	84.011 84.011	Q184606007 Q184L060007	_	7,465 48,103	7,434,565
University of Maine at Orono	84.011	UMS683	_	27,701	7,734,303
University of Maine at Orono	84.015	UMS726	_	42,380	70,081
Undergraduate International Studies and Foreign Language Programs	84.016	_	43,986	_	
Undergraduate International Studies and Foreign Language Programs NYS Education Department	84.016 84.027	C009486	43,024	326,500	87,010
NYS Education Department NYS Education Department	84.027	C009486 C009014	_	326,500 118,715	
NYS Education Department	84.027	CR0437	_	6,149	
NYS Education Department	84.027	C008221	_	7,733	
NYS Education Department	84.027	C008221	-	254,214	
Syracuse University Syracuse University	84.027 84.027	22453 01669SO6 22453 02010SO6	_	9,510 18,374	
NYS Education Department	84.027	C009494	_	42,457	
University of North Carolina at Charlotte	84.027	2975080123	_	14,888	
University of North Carolina at Charlotte	84.027	2009014701SUN		8,228	806,768
Higher Education – Institutional Aid	84.031	—	282,286	-	
Higher Education – Institutional Aid Higher Education – Institutional Aid	84.031 84.031	_	142,686 124,294		549,266
TRIO – Student Support Services	84.042	_	285,672	_	515,200
TRIO – Student Support Services	84.042	_	324,225	_	
TRIO – Student Support Services	84.042	—	350,302	—	
TRIO – Student Support Services TRIO – Student Support Services	84.042 84.042	—	309,014 291,472	_	
TRIO – Student Support Services	84.042		327,120	_	
TRIO - Student Support Services	84.042	_	499,969	_	
TRIO - Student Support Services	84.042	—	278,051	-	
TRIO – Student Support Services TRIO – Talent Search	84.042 84.044	—	245,637	—	2,911,462
TRIO – Talent Search	84.044		298,460 283,664		
TRIO – Talent Search	84.044	_	334,720	_	
TRIO – Talent Search	84.044	—	334,827	_	
TRIO – Talent Search	84.044	—	300,892		1,552,563
TRIO – Upward Bound TRIO – Upward Bound	84.047 84.047		219,444 478,198		
TRIO – Upward Bound	84.047	_	1,423	_	
TRIO – Upward Bound	84.047	—	499,527	—	
TRIO – Upward Bound	84.047	—	(1,621)	—	
TRIO – Upward Bound TRIO – Upward Bound	84.047 84.047	—	284,888 372,752	_	
TRIO – Upward Bound	84.047		348,647	_	
TRIO – Upward Bound	84.047	—	574,278	—	
TRIO – Upward Bound	84.047	—	236,624	-	
TRIO – Upward Bound TRIO – Upward Bound	84.047 84.047	—	289,508 485,133	-	
D'Youville College	84.047	_	465,155	5,500	3,794,301
NYS Education Department	84.048	8000096950	_	118,394	5,774,501
NYS Education Department	84.048	8000086950	_	16,104	
Jefferson-Lewis BOCES	84.048	—	—	223	
Jefferson-Lewis BOCES NYS Education Department	84.048 84.048	8080070043	—	5,377 (2)	
NYS Education Department	84.048	8000086010		13,966	
NYS Education Department	84.048	8000096010		276,602	
NYS Education Department	84.048	8000086060	_	10,436	
NYS Education Department	84.048 84.048	8000096060	_	259,299	
NYS Education Department NYS Education Department	84.048 84.048	8000086100 8000096100	_	5,783 248,272	
NYS Education Department	84.048	8000096170	_	240,272	
NYS Education Department	84.048	8000086170	_	(1)	
NYS Education Department	84.048	8000086890	—	12,290	
NYS Education Department NYS Education Department	84.048 84.048	8000096890 8000096870		157,818 244,610	1,609,608
NYS Office of Children and Family Services	84.126		_	136,556	1,002,000
NYS Office of Children and Family Services	84.126	_	_	13,132	
NYS Office of Children and Family Services	84.126	—	-	6,887	
NYS Office of Children and Family Services	84.126	—	_	276	
NYS Office of Children and Family Services NYS Office of Children and Family Services	84.126 84.126		_	2,972 869	
NYS Office of Children and Family Services	84.120	 C002142	_	37,070	
	= -				

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
Pepartment of Education (Continued):					
NYS Office of Children and Family Services NYS Office of Children and Family Services	84.126 84.126	—	\$ —	3,958 11,784	
NYS Office of Children and Family Services	84.126			17,200	
NYS Office of Children and Family Services	84.126	_	_	225	
NYS Office of Children and Family Services	84.126	—	—	2,538	
NYS Office of Children and Family Services	84.126		—	870	005.5
NYS Office of Children and Family Services Fund for the Improvement of Postsecondary Education	84.126 84.116	C002148	104,355	1,424	235,7
Fund for the Improvement of Postsecondary Education	84.116	_	53,682		
Fund for the Improvement of Postsecondary Education	84.116	_	80,451	_	
Fund for the Improvement of Postsecondary Education	84.116	_	174,629	_	
Fund for the Improvement of Postsecondary Education	84.116	_	16,655	-	429,7
Rehabilitation Long-Term Training	84.129		80,099	26 272	80,0
NYS Comm On Qual Care and Adv for Persons with Dis NYS Comm On Qual Care and Adv for Persons with Dis	84.133 84.133	C111765 C111765	_	26,272 37,672	63.9
Migrant Education – High School Equivalency Program	84.141		639,728	37,072	639,3
Georgia Department of Education	84.144	0841431607994		3,827	,
Georgia Department of Education	84.144	0941431610340	_	15,302	19,
Migrant Education – College Assistance Migrant Program	84.149	—	400,571	—	400,:
Business and International Education Projects	84.153	 DI	12,506	20 111	12,5
New York City Board of Education New York City Board of Education	84.173 84.173	PL611 PL619		20,414 4,792	
New York City Board of Education	84.173	PL611		15,484	40,6
Albany City School District	84.184		_	76,845	40,
Boys and Girls Clubs of Schenectady	84.184	_	_	10,621	
Schenectady City School District	84.184	—	-	64,997	
Champlain Valley Educational Services	84.184		—	40,321	
Champlain Valley Educational Services Saint Lawrence Lewis BOCES	84.184	0901632	-	9,074	
Saint Lawrence Lewis BOCES Saint Lawrence Lewis BOCES	84.184 84.184	Q184L060007 Q184L06000708		503 4,542	206,
NYS Office of Alcoholism Substance Abuse Services	84.184	C003310	_	4,342 55,964	206,55,9
Bilingual Education – Professional Development	84.195	_	6,656		55,
Bilingual Education - Professional Development	84.195	_	8,912	_	
Bilingual Education - Professional Development	84.195	—	338,003	_	
Bilingual Education – Professional Development	84.195	—	210,785		564,
East Bloomfield Central School	84.196	—	—	2,903 227	
East Bloomfield Central School East Bloomfield Central School	84.196 84.196			192	
East Bloomfield Central School	84.196	_	_	1,013	
East Bloomfield Central School	84.196	_	_	3,491	
Panhandle Area Educational Consortium	84.196	6701277A7CP01	_	9,903	
Panhandle Area Educational Consortium	84.196	PO72484	_	25,000	
East Bloomfield Central School	84.196	—	—	274	
East Bloomfield Central School Graduate Assistance in Areas of National Need	84.196 84.200	—	4,266	11,824	54,
Graduate Assistance in Areas of National Need	84.200	—	3,820	_	
Graduate Assistance in Areas of National Need	84.200		161,255		
Graduate Assistance in Areas of National Need	84.200	_	210,798	_	
Graduate Assistance in Areas of National Need	84.200	—	166,559	—	
Graduate Assistance in Areas of National Need	84.200	—	168,091		714,
Geneseo Migrant Center BOCES Geneseo Migrant Center BOCES	84.213 84.213	0902712	—	6,396	
Geneseo Migrant Center BOCES Geneseo Migrant Center BOCES	84.213 84.213	PO0801771	_	18,064 940	
Geneseo Migrant Center BOCES	84.213		_	34,246	
Geneseo Migrant Center BOCES	84.213	_	_	9,713	
Geneseo Migrant Center BOCES	84.213	—	_	1,965	
Geneseo Migrant Center BOCES	84.213	—	_	10,954	
Geneseo Migrant Center BOCES	84.213	—	_	5,953	
Geneseo Migrant Center BOCES Geneseo Migrant Center BOCES	84.213 84.213	—		2,415 29,127	119,
Geneseo Migrant Center BOCES	84.214			6,303	119,
Schenectady City School District	84.215	_	_	24,964	
Broome Tioga BOCES	84.215	U215X070316	_	265,936	
Albion Central School	84.215	—	_	53,889	
Albion Central School	84.215	—	—	2,464	
Albion Central School Albion Central School	84.215 84.215	—	_	3,780 332	
Holland Central School District	84.215		_	13,999	
Cortland County YMCA	84.215	170 5531 Foley	_	13,499	
Onondaga Cortland Madison Board of Education Servi	84.215		_	101,652	
Jamestown Public Schools	84.215	—	_	1,500	
Ulster County BOCES	84.215	03922	—	12,308	
Syracuse City School District	84.215	PO K044912 Code E	57 200	279	500,9
TRIO – McNair Post-Baccalaureate Achievement TRIO – McNair Post-Baccalaureate Achievement	84.217 84.217	—	57,369 161,444	_	
TRIO – McNair Post-Baccalaureate Achievement	84.217		275,405	_	
TRIO – McNair Post-Baccalaureate Achievement	84.217	_	286,115	_	
TRIO – McNair Post-Baccalaureate Achievement	84.217	_	206,082	_	
TRIO - McNair Post-Baccalaureate Achievement	84.217	_	(1,000)	—	
TRIO – McNair Post-Baccalaureate Achievement	84.217		223,463	0 414	1,208,
NYS Education Department	84.243	C400720 8080080043	-	9,414	
NYS Education Department NYS Education Department	84.243 84.243	C400722 8080080121 8080090001 C401152	_	7,169 178,758	195,
Rehabilitation Training – Continuing Education	84.243 84.264		2,414	1/0,/30	193,.
Rehabilitation Training – Continuing Education	84.264		117,215	_	
Rehabilitation Training - Continuing Education	84.264	_	160,110	_	
Rehabilitation Training - Continuing Education	84.264	—	237,167	—	516,
NYS Education Department	84.282	C001146	-	61	
National Governors Association	84.282	110-250-2941	-	2,740	2,
	84.283	PO36205	—	13,949	
	04 000				
Educational Testing Service Edvantia Incorporated Edvantia Incorporated	84.283 84 283	P006869 \$4500005009	_	3,811 87 128	
	84.283 84.283 84.283	S4500005009 07S31		5,811 87,128 11,454	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditure
epartment of Education (Continued):					
Brentwood Union Free School District	84.287	—	\$	10,862	
Lackawanna City School District Learning Disabilities Association of Western NY	84.287 84.287	—	_	56,655 8	67,525
Council of American Overseas Research Centers	84.293	ECACAORCSUNYLP200922	_	408,864	07,525
Council of American Overseas Research Centers	84.293	ECACAORCSUNYLP200822	_	451,372	
Council of American Overseas Research Centers	84.293	ECACAORCSUNYLP200720	—	9,636	869,872
Education Research, Development and Dissemination	84.305	—	3,119	—	
Education Research, Development and Dissemination	84.305		116,707	-	119,826
NYS Education Department	84.323 84.323	C006608	_	4,694 3,098	7,792
NYS Education Department University of South Florida	84.323	1201100000A	_	26,206	1,192
University of Oregon	84.324	223001B	_	3,195	29,401
Special Education – Personnel Development to Improve				.,	_,,
Services and Results for Children with Disabilities	84.325	_	104,394	_	
Special Education – Personnel Development to Improve					
Services and Results for Children with Disabilities	84.325	_	104,906	_	
Special Education – Personnel Development to Improve	04.005		101 100		
Services and Results for Children with Disabilities	84.325	—	101,180	_	
Special Education – Personnel Development to Improve Services and Results for Children with Disabilities	84.325		127,705		
Special Education – Personnel Development to Improve	64.525	—	127,705	—	
Services and Results for Children with Disabilities	84.325	_	182,398	_	620,583
Gaining Early Awareness and Readiness for Undergraduate	011020		102,000		020,000
Programs	84.334	_	561,825	_	
Gaining Early Awareness and Readiness for Undergraduate					
Programs	84.334	_	400,095	—	
Albany City School District	84.334	—	—	10,276	
Albany City School District	84.334		—	33,468	
D'Youville College	84.334	886743	—	15	
D'Youville College	84.334	GL887743	-	20,613	
NYS Higher Education Services Corporation	84.334	C111872	—	166,785	1 200 04
NYS Higher Education Services Corporation Child Care Access Means Parents in School	84.334 84.335	C111872	67,785	13,563	1,206,64 67,78
NYS Education Department	84.336	0247070021	07,785	(36)	07,78
NYS Education Department	84.336	0247-08-0021	_	125,794	
NYS Education Department	84.336	0247090021	_	112,668	238,42
NYS Department of Labor	84.346	C001826	_	(177,935)	(177,93
Transition to Teaching	84.350	_	510,453	_	510,45
Buffalo Board of Education	84.351	_	_	29,951	29,95
NYS Education Department	84.353	8060082005	_	4,682	4,68
College of Saint Rose	84.363	_	_	32,775	32,77
Alabama State Department of Education	84.365	C800283	-	70,215	
Twin Towers Middle School	84.365	—	—	11,248	
Twin Towers Middle School	84.365	—	-	5,814	87,27
Syracuse City School District	84.366	—	-	25,774	
Syracuse City School District	84.366	—	_	42,878	
Buffalo Public Schools Buffalo Public Schools	84.366 84.366	—	_	18,608 23,246	
Buffalo Public Schools	84.366	—	—	2,203	
Buffalo Public Schools	84.366	_	_	5,229	
Buffalo Public Schools	84.366	_	_	92,325	
Buffalo Public Schools	84.366	_	_	78,000	
Buffalo Public Schools	84.366	_	_	47,742	
Buffalo Public Schools	84.366	_	_	34,174	370,17
NYS Education Department	84.367	0247090030	_	183,532	
NYS Education Department	84.367	0247080030	_	119,564	
NYS Education Department	84.367	0247080020	_	20,610	
NYS Education Department	84.367	C400942 0247090020	—	93,985	
NYS Education Department	84.367	0247080022	_	23,009	
NYS Education Department	84.367	C400944 0247090022	—	50,243	
NYS Education Department	84.367	0247080023		152,505	
NYS Education Department NYS Education Department	84.367 84.367	0247090023 C400945 0247080024		14,439 6,127	
NYS Education Department NYS Education Department	84.367 84.367	0247080024 0247090024	_	6,127 38,716	
NYS Education Department	84.367	0247090024	_	11,385	
NYS Education Department	84.367	0247090026	_	30,890	
NYS Education Department	84.367	C400946 0247090025	_	55,880	
NYS Education Department	84.367	0247080025	_	21,540	
NYS Education Department	84.367	C400947 0247090027	_	133,353	
NYS Education Department	84.367	0247080028	_	16,936	
NYS Education Department	84.367	0247090028 C400948	_	87,894	
NYS Education Department	84.367	0247080029	—	38,003	
NYS Education Department	84.367	0247090029 C400949	—	57,565	1,156,17
National Writing Project Corporation	84.928	04NY10	—	43,300	
National Writing Project Corporation	84.928	08NY14 01NIX00	-	26,208	
National Writing Project Corporation National Writing Project Corporation	84.928	01NY09 01NY00	—	26,010	1.47.11
	84.928	01NY09		51,596	147,11
			15,737,274	15,306,183	31,043,45
Total Department of Education					-
*			(914)	_	
epartment of Health and Human Services:	93	_			
epartment of Health and Human Services: Department of Health and Human Services	93 93	_			
epartment of Health and Human Services:	93		2,000	_	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services		5 U45E5006179-16		7,280	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services	93 93	5 U45E5006179-16 U45ES06179	2,000	7,280 10,631	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance	93 93 93 93 93 93		2,000	10,631 71,242	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance American International Health Alliance	93 93 93 93 93 93 93	U45ES06179	2,000	10,631	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance American International Health Alliance Horizon Care Center	93 93 93 93 93 93 93 93	U45ES06179 HF4SAF08PPTRUFST 	2,000	10,631 71,242 9,155 156,600	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance American International Health Alliance Horizon Care Center New York University Medical Center	93 93 93 93 93 93 93 93 93	U45ES06179 HF4SAF08PPTRUFST	2,000	10,631 71,242 9,155 156,600 2,000	
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance American International Health Alliance Horizon Care Center New York University Medical Center Families First	93 93 93 93 93 93 93 93 93 93.009	U45ES06179 HF4SAF08PPTRUFST 	2,000	10,631 71,242 9,155 156,600 2,000 2,888	2,88
epartment of Health and Human Services: Department of Health and Human Services Department of Health and Human Services Department of Health and Human Services University of Medicine and Dentistry of New Jersey University of Medicine and Dentistry of New Jersey American International Health Alliance American International Health Alliance Horizon Care Center New York University Medical Center	93 93 93 93 93 93 93 93 93	U45ES06179 HF4SAF08PPTRUFST 	2,000	10,631 71,242 9,155 156,600 2,000	294,18 2,88 10,39

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditur
epartment of Health and Human Services (Continued):					
Oswego County Office of Aging	93.044	—	\$ —	1,031 1,478	7.03
Oswego County Office of Aging Albany County Department for the Aging and Handicapped	93.044 93.048	0967720003	_	63,870	7,03
Albany County Department for the Aging and Handicapped	93.048	0967720001	_	27,310	
Albany County Department for the Aging and Handicapped	93.048	0767720015	—	12	
NYS Office for the Aging	93.048	A400170	-	5,410	
NYS Office for the Aging	93.048	A900182	—	12,216	142.11
Oneida County Office for the Aging Continuing Care Alzheimers Disease and Related Disorders Association	93.048 93.051	—	—	34,299 (371)	143,11
Alzheimers Disease and Related Disorders Association	93.051		_	(15)	
Alzheimers Disease and Related Disorders Association	93.051	_	_	739	
Alzheimers Disease and Related Disorders Association	93.051	_	_	18,902	19,25
National Association of County and City Health Off	93.069	2008072802	—	10,149	10,14
Families Together in NYS Incorporated	93.104	—	-	58,543	210.07
Families Together in NYS Incorporated St Charles Hospital and Rehabilitation Center	93.104 93.110	5H02MC026180400	—	152,417 1,272	210,96 1,27
Grants for Preventive Medicine	93.110		4,355	1,272	1,27
Grants for Preventive Medicine	93.117	_	259,013	_	263,30
Oral Diseases and Disorders Research	93.121	_	294,201	_	294,20
Nurse Anesthetist Traineeships	93.124	_	15,006	_	15,00
Health Research Inc	93.127	15031103	-	20,248	20,24
NYS Department of Health	93.136	C018578	—	71,196	
NYS Department of Health	93.136	C018578	—	11,437	82,63
University of Medicine and Dentistry of New Jersey	93.142	PO: 425054 Buffalo HWWT	—	61,598	04.90
University of Medicine and Dentistry of New Jersey Arizona State University	93.142 93.143	PO: 425053 Buffalo HDPT 09065	—	33,300 3,653	94,89
Columbia University	93.145	5H4AHA0007106	_	3,653 10,151	3,65
Columbia University	93.145	5H4AHA0007100	_	194,421	204,5
Coordinated Services and Access to Research for Women,	20.170	511.111.000/10/	_		204,5
Infants, Children, and Youth	93.153	_	729,283	_	
Coordinated Services and Access to Research for Women,			,		
Infants, Children, and Youth	93.153	—	231,611	—	960,8
Geriatric Training for Physicians, Dentists and					
Behavioral/Mental Health Professionals	93.156	—	127,048	—	
Geriatric Training for Physicians, Dentists and	02.156		407.254		(14.4
Behavioral/Mental Health Professionals	93.156 93.186	_	487,354 18,263	_	614,4
National Research Service Award in Primary Care Medicine National Research Service Award in Primary Care Medicine	93.186	—	18,263	_	205,1
NYS Office of Children and Family Services	93.217	C000937	100,005	58,481	58,4
Brown University	93.230	122727322	_	(192)	(19
Mental Health Research Grants	93.242		24,648		(-
Mental Health Research Grants	93.242	_	2,592	_	
Mental Health Research Grants	93.242	—	5,562	—	
Mental Health Research Grants	93.242		26,164		
Health Research Inc	93.242	14033203	-	3,692	62,6
Substance Abuse and Mental Health Services – Projects of	93.243		134,745		
Regional and National Significance Substance Abuse and Mental Health Services – Projects of	93.243	—	154,745	_	
Regional and National Significance	93.243	_	85,049	_	
Substance Abuse and Mental Health Services – Projects of	751215		05,015		
Regional and National Significance	93.243	_	31,770	_	
Substance Abuse and Mental Health Services - Projects of					
Regional and National Significance	93.243	_	151,480	-	
Substance Abuse and Mental Health Services – Projects of	02.242		210.252		
Regional and National Significance	93.243	—	219,363	_	
Substance Abuse and Mental Health Services – Projects of	02 242		96 214		
Regional and National Significance Substance Abuse and Mental Health Services – Projects of	93.243	—	86,214	_	
Regional and National Significance	93.243	_	41,388	_	
County of Albany	93.243	_		27,963	
County of Albany	93.243	_	_	71,758	
NYS Office of Alcoholism Substance Abuse Services	93.243	C003311	_	38,665	
NYS Office of Alcoholism Substance Abuse Services	93.243	C003313	_	39,735	928,1
Advanced Education Nursing Grant Program	93.247	_	245,278	-	
Advanced Education Nursing Grant Program	93.247	—	28,799	—	
Advanced Education Nursing Grant Program	93.247	—	7,977	-	
Advanced Education Nursing Grant Program	93.247	—	265,037	_	744.0
Advanced Education Nursing Grant Program	93.247	531612	197,252		744,3
Columbia University Columbia University	93.249 93.249	531612	_	66,615 18,960	85,5
NYS Developmental Disabilities Planning Council	93.249	C021848	_	21,209	21,2
Poison Control Stabilization and Enhancement Grants	93.252		64,155	21,209	21,2
Poison Control Stabilization and Enhancement Grants	93.253	_	254,391	_	318,5
Occupational Safety and Health Program	93.262	_	109,221	_	.,.
Occupational Safety and Health Program	93.262	_	987,793	_	
Occupational Safety and Health Program	93.262		5,738,910		6,835,9
Onondaga County	93.268	80504R4	—	60,633	
Onondaga County	93.268	80504R4	-	25,242	
Onondaga County Onondaga County	93.268		_	881	00 -
Onondaga County Alcohol National Research Service Awards for Research Training	93.268 93.272		27,002	1,886	88,6
Alcohol National Research Service Awards for Research Training	93.272	_	27,002		
Alcohol National Research Service Awards for Research Training	93.272	Ξ	315.475	_	
Alcohol National Research Service Awards for Research Training	93.272	_	1,311	_	
Alcohol National Research Service Awards for Research Training	93.272	_	42,866	_	
	93.272	_	1,607	_	415,4
Alcohol National Research Service Awards for Research Training		_	41,367	_	
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants	93.276				
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants Drug-Free Communities Support Program Grants	93.276 93.276	_	62,080	_	
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants Drug-Free Communities Support Program Grants Capital Region BOCES	93.276 93.276 93.276	_	—	5,384	108,8
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants Drug-Free Communities Support Program Grants Capital Region BOCES Drug Abuse National Research Service Awards for Research Training	93.276 93.276 93.276 93.278	_ _ _	23,119	5,384	
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants Drug-Free Communities Support Program Grants Capital Region BOCES Drug Abuse National Research Service Awards for Research Training Drug Abuse National Research Service Awards for Research Training	93.276 93.276 93.276 93.278 93.278 93.278	 	23,119 10,750	_	
Alcohol National Research Service Awards for Research Training Drug-Free Communities Support Program Grants Capital Region BOCES Drug Abuse National Research Service Awards for Research Training Drug Abuse National Research Service Awards for Research Training Drug Abuse and Addiction Research Programs Drug Abuse and Addiction Research Programs	93.276 93.276 93.276 93.278		23,119	5,384 	108,8: 33,80

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditur
partment of Health and Human Services (Continued):					
Mental Health National Research Service Awards for Research Training	93.282	—	\$ 14,372	—	
Mental Health National Research Service Awards for Research Training	93.282	—	26,970	_	
Mental Health National Research Service Awards for Research Training Mental Health National Research Service Awards for Research Training	93.282 93.282	—	2,865 27,382	_	
Mental Health National Research Service Awards for Research Training	93.282	_	9,129	_	
Mental Health National Research Service Awards for Research Training	93.282		10,439	_	
Mental Health National Research Service Awards for Research Training	93.282	_	190,472	_	
American Psychiatric Inst for Research and Education	93.282	_	_	7,641	289,27
Centers for Disease Control and Prevention_Investigations and					
Technical Assistance	93.283	_	127,285	_	
Centers for Disease Control and Prevention_Investigations and					
Technical Assistance	93.283	—	24,813	_	
Centers for Disease Control and Prevention_Investigations and	02 202		110.101		
Technical Assistance	93.283	_	448,484	—	
Centers for Disease Control and Prevention_Investigations and Technical Assistance	93.283		42,136		
Health Research Inc	93.283	15011405	42,150	24,840	
University of South Carolina	93.283	081472		16,348	
Western New York Public Health Alliance Inc	93.283		_	39,243	
Western New York Public Health Alliance Inc	93.283	_	_	6,100	
Western New York Public Health Alliance Inc	93.283	_	_	9,762	
Brooklyn Perinatal Network Incorporated	93.283	_		3,347	
Health Research Inc	93.283	357301	_	40,943	783,30
Minority Health and Health Disparities Research	93.307	_	179,308		179,30
Advanced Education Nursing Traineeships	93.358	_	51,282	—	
Advanced Education Nursing Traineeships	93.358	—	57,079	—	
Advanced Education Nursing Traineeships	93.358	—	69,900	—	
Advanced Education Nursing Traineeships	93.358	—	(325)	_	
Advanced Education Nursing Traineeships	93.358	—	44,920	—	
Advanced Education Nursing Traineeships	93.358	—	35,478	—	
Advanced Education Nursing Traineeships	93.358	—	37,605	—	295,9
Nurse Education, Practice and Retention Grants	93.359	—	356,585	—	
Nurse Education, Practice and Retention Grants	93.359	—	526,354	_	
Nurse Education, Practice and Retention Grants	93.359	—	219,065	-	
Nurse Education, Practice and Retention Grants	93.359	—	45,950	-	1 202 0
Nurse Education, Practice and Retention Grants	93.359	_	235,035	—	1,382,9
Minority Biomedical Research Support	93.375	_	165,293	—	165,2
National Center for Research Resources Cancer Research Manpower	93.389 93.398	—	315,917 444,781		315,9 444,7
Cancer Research Manpower	93.398	—	24,274	_	444,7
Cancer Research Manpower	93.398	—	24,274 22,087	_	46,3
NYS Office of Children and Family Services	93.558	—	22,007	602,742	40,5
NYS Office of Children and Family Services	93.558	_	_	32,258	
NYS Office of Children and Family Services	93.558	_		16,216	
NYS Office of Children and Family Services	93.558	C002142		171,372	
NYS Office of Children and Family Services	93.558	_	_	422,872	
NYS Office of Children and Family Services	93.558	_	_	26,350	
NYS Office of Children and Family Services	93.558	_		14,349	
NYS Office of Children and Family Services	93.558	C002148	_	35,061	
NYS Office of Children and Family Services	93.558	C002144	_	471,058	
NYS Office of Children and Family Services	93.558	C002120	_	360,436	
NYS Office of Children and Family Services	93.558	C002118	_	33,497	
NYS Office of Children and Family Services	93.558	C002133	—	100,446	
NYS Office of Children and Family Services	93.558	C002140	—	274,629	
NYS Office of Children and Family Services	93.558	C002138	—	96,555	
NYS Office of Children and Family Services	93.558	C002143	—	147,386	
NYS Office of Children and Family Services	93.558	C002137	—	67,783	
NYS Office of Children and Family Services	93.558	C001009 C020718	_	74,699	
NYS Office of Temporary and Disability Assistance	93.558		_	21,956	
NYS Department of Health SUNY at Stony Brook	93.558 93.558	C019952	—	98,592 50,931	
		—	—	33,477	
SUNY at Stony Brook SUNY at Stony Brook	93.558 93.558	—	—	7,662	
SUNY at Stony Brook	93.558	C025709		81,315	
SUNY at Stony Brook	93.558			99,428	
SUNY at Stony Brook	93.558	C025710	_	78,861	
SUNY at Stony Brook	93.558	T001482	_	156,827	
SUNY at Stony Brook	93.558	T001502	_	104,021	
SUNY at Stony Brook	93.558	T001444		36,299	
SUNY at Stony Brook	93.558	C001439	—	295,937	
SUNY at Stony Brook	93.558	C025453	—	87,769	
SUNY at Stony Brook	93.558	C001402	_	93,332	
SUNY at Stony Brook	93.558	C001329	_	247,467	
SUNY at Stony Brook	93.558	C001330	-	10,556	
SUNY at Stony Brook	93.558	T001331	-	5,495	
CAMBA	93.558	—	_	19,850	
CAMBA	93.558	—	—	3,636	
NYS Office of Children and Family Services	93.558	—	-	14,664	
NYS Office of Children and Family Services	93.558	—	-	97,733	
NYS Office of Children and Family Services	93.558	—	-	290,065	
NYS Office of Children and Family Services	93.558	—	—	32,571	
NYS Office of Children and Family Services	93.558	—	—	101,606	
NYS Office of Children and Family Services	93.558	—	-	403,721	
NYS Office of Children and Family Services	93.558	—	—	1,561,889	
NYS Office of Children and Family Services	93.558	—	-	59,450	
NYS Office of Children and Family Services	93.558	—	—	12,831	
NYS Office of Children and Family Services	93.558	—	—	308,865	
NYS Office of Children and Family Services	93.558	—	—	134,829	
NYS Office of Children and Family Services	93.558	—	—	21,449	
		—	—		
		—	-		
		—	—		
		—	—		
VYS Office of Children and Family Services VYS Office of Children and Family Services	93.558 93.558 93.558 93.558 93.558 93.558	  		48,731 41,282 154,049 50,800 26,473	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Health and Human Services (Continued):					
NYS Office of Children and Family Services	93.558	—	\$ —	26,804	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.558 93.558			21,090 24,168	
NYS Office of Children and Family Services	93.558		_	103,725	
NYS Office of Children and Family Services	93.558	_	_	3,418	
NYS Office of Children and Family Services	93.558	—	_	(12,293)	
NYS Office of Children and Family Services	93.558	—	—	9,810	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.558 93.558		_	(9,227) (20,564)	
NYS Office of Children and Family Services	93.558	_	_	10,496	
NYS Office of Children and Family Services	93.558	_	_	9,670	
NYS Office of Children and Family Services	93.558	—	-	2,451	
NYS Office of Children and Family Services	93.558	—	-	4,682	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.558 93.558	—	_	1,856,234 555,763	
NYS Office of Children and Family Services	93.558		_	33,970	
NYS Office of Children and Family Services	93.558	_	_	389,772	
NYS Office of Children and Family Services	93.558	—	—	115,756	
NYS Office of Children and Family Services	93.558	—	-	30,320	
NYS Office of Children and Family Services	93.558	—	-	55,385	
NYS Office of Children and Family Services	93.558 93.558	—	—	71,825 171,663	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.558		_	506,440	
NYS Office of Children and Family Services	93.558	_		30,992	
NYS Office of Children and Family Services	93.558	_	_	26,771	
NYS Office of Children and Family Services	93.558	_	_	24,232	
NYS Office of Children and Family Services	93.558	—	_	26,938	
NYS Office of Children and Family Services	93.558	C025572	—	12,362	
NYS Office of Children and Family Services	93.558	C025572 C024914	—	13,341	
NYS Office of Children and Family Services NYS Department of Labor	93.558 93.558	C024914 C001404	—	2,599 144	
NYS Office of Children and Family Services	93.558	C001404 C001751	_	285,927	
NYS Office of Temporary and Disability Assistance	93.558		_	109	
NYS Office of Temporary and Disability Assistance	93.558	C001405		12,608	
NYS Office of Temporary and Disability Assistance	93.558	C001790	—	(3,643)	
NYS Office of Temporary and Disability Assistance	93.558	C001790	—	2,262,202	
NYS Office of Temporary and Disability Assistance	93.558			4,407,391	24 51 6 572
NYS Office of Temporary and Disability Assistance NYS Office of Children and Family Services	93.558	C001790	—	5,611,114	24,516,573
NYS Office of Children and Family Services	93.563 93.563	_		7,287 13,311	
NYS Office of Children and Family Services	93.563	_	_	15,250	
NYS Office of Children and Family Services	93.563	_	_	671	
NYS Office of Children and Family Services	93.563	—	_	5,824	
NYS Office of Children and Family Services	93.563	—	—	6,474	
NYS Office of Children and Family Services	93.563	C025572		3,206	
NYS Office of Children and Family Services	93.563 93.563	C002142	—	24,689 5,155	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.563			11,712	
NYS Office of Children and Family Services	93.563	_		13,685	
NYS Office of Children and Family Services	93.563	_	_	548	
NYS Office of Children and Family Services	93.563	—	_	5,069	
NYS Office of Children and Family Services	93.563		-	5,809	
NYS Office of Children and Family Services	93.563	C025572		2,971	
NYS Office of Children and Family Services NYS Office of Temporary and Disability Assistance	93.563 93.563	C002148 C002098	—	40,863 483,315	
NYS Office of Temporary and Disability Assistance	93.563	C002098		383,667	
NYS Office of Temporary and Disability Assistance	93.563	C002095	_	425,889	
NYS Office of Temporary and Disability Assistance	93.563	C002096	_	143,504	
NYS Office of Temporary and Disability Assistance	93.563	C000978	—	1,348,157	
NYS Office of Temporary and Disability Assistance	93.563	C000987	—	584,678	3,531,734
NYS Office of Children and Family Services	93.568	—	_	1,587	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.568 93.568			2,899 4,510	
NYS Office of Children and Family Services	93.568			193	
NYS Office of Children and Family Services	93.568	_	_	4,805	
NYS Office of Children and Family Services	93.568	_		1,268	
NYS Office of Children and Family Services	93.568	—	—	1,410	
NYS Office of Children and Family Services	93.568	C025572		698	
NYS Office of Children and Family Services	93.568	C002142	_	6,963	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.568 93.568			1,123 2,551	
NYS Office of Children and Family Services	93.568			4,047	
NYS Office of Children and Family Services	93.568	_	_	158	
NYS Office of Children and Family Services	93.568	_	_	4,251	
NYS Office of Children and Family Services	93.568	—	—	1,104	
NYS Office of Children and Family Services	93.568		—	1,265	
NYS Office of Children and Family Services	93.568	C002148	_	12,098	51 577
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.568 93.575	C025572 C024624		647 28,666	51,577
NYS Office of Children and Family Services	93.575	C024024		28,000	
NYS Office of Children and Family Services	93.575	C001035		840,295	
NYS Office of Children and Family Services	93.575	C001906	_	3,213,750	4,082,713
NYS Office of Children and Family Services	93.576	—	—	2,575	
NYS Office of Children and Family Services	93.576	_	—	70	
NYS Office of Children and Family Services	93.576	C002142	—	3,608	
NYS Office of Children and Family Services	93.576 93.576		—	2,310 57	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.576 93.576	C002148	-	7,012	15,632
SUNY at Stony Brook	93.596	C002148 C001402	_	9,383	15,052
SUNY at Stony Brook	93.596	C025453	_	8,824	
	93.596	C001439		29,753	
SUNY at Stony Brook					
NYS Office of Children and Family Services	93.596	—	—	186,621	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Health and Human Services (Continued):					
NYS Office of Children and Family Services	93.596	_	\$ —	11,638 1,794	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596		_	3,277	
NYS Office of Children and Family Services	93.596	_	_	34,512	
NYS Office of Children and Family Services	93.596	_	—	104,812	
NYS Office of Children and Family Services	93.596	—	—	14,892	
NYS Office of Children and Family Services	93.596	—	—	5,891 1,434	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596	—	_	1,434	
NYS Office of Children and Family Services	93.596		_	13,555	
NYS Office of Children and Family Services	93.596	_	_	31,053	
NYS Office of Children and Family Services	93.596	C025572	_	789	
SUNY at Stony Brook	93.596	T001444	—	3,649	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596	C002142	_	1,290	
NYS Office of Children and Family Services	93.596	C002142 C002143		96,643 14,818	
NYS Office of Children and Family Services	93.596		_	157.028	
NYS Office of Children and Family Services	93.596	—	_	40,589	
NYS Office of Children and Family Services	93.596	—	_	10,215	
NYS Office of Children and Family Services	93.596	—	_	3,275	
NYS Office of Children and Family Services	93.596	—	—	9,826	
NYS Office of Children and Family Services	93.596	—	—	1,474	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596	—		1,269 2,884	
NYS Office of Children and Family Services	93.596			19,836	
NYS Office of Children and Family Services	93.596	_	_	94,057	
NYS Office of Children and Family Services	93.596	_	_	44,577	
NYS Office of Children and Family Services	93.596	C002138	_	9,707	
NYS Office of Children and Family Services	93.596	—	-	12,720	
NYS Office of Children and Family Services	93.596	—	—	5,898	
NYS Office of Children and Family Services	93.596	—	-	1,248	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596	—	—	1,430 10,428	
NYS Office of Children and Family Services	93.596	_		344	
NYS Office of Children and Family Services	93.596	C002133	_	10,099	
NYS Office of Children and Family Services	93.596	C002118	_	3,368	
SUNY at Stony Brook	93.596	C025710	_	7,928	
SUNY at Stony Brook	93.596	—	_	3,366	
SUNY at Stony Brook	93.596	—	_	9,996	
SUNY at Stony Brook	93.596	C025709	—	8,175	
NYS Office of Children and Family Services	93.596	C002120	_	33,528	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596 93.596	C002148 C025572		7,204 732	
SUNY at Stony Brook	93.596			732	
SUNY at Stony Brook	93.596	_	_	5,120	
NYS Office of Children and Family Services	93.596	C002145	_	4,122,277	
NYS Office of Children and Family Services	93.596	C002141	_	231,682	
NYS Office of Children and Family Services	93.596	C002134	—	164,404	
NYS Office of Children and Family Services	93.596 93.596	C001014 C001010	_	7,764,858 446,014	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.596	C001010 C001004		203,900	
NYS Office of Children and Family Services	93.596	C000993		375,065	
NYS Office of Children and Family Services	93.596	C000909	_	(3)	
NYS Office of Children and Family Services	93.596	—	_	43,064	
NYS Office of Children and Family Services	93.596	—	_	35,176	
NYS Office of Children and Family Services	93.596	C001752	_	(39,980)	
NYS Office of Children and Family Services	93.596	C001773	06 115	635	14,499,695
Head Start Head Start	93.600 93.600		96,445 146,915	_	243,360
NYS Developmental Disabilities Planning Council	93.630	 C021843	140,915	28,214	245,500
NYS Developmental Disabilities Planning Council	93.630	C021843	_	123,806	
NYS Developmental Disabilities Planning Council	93.630	C022037	_	175,806	327,826
NYS Office of Children and Family Services	93.647	C001347	_	(1,690)	
NYS Office of Children and Family Services	93.647	C001350	-	(106)	
NYS Office of Children and Family Services	93.647	C001431	—	(46)	
NYS Office of Temporary and Disability Assistance Child Welfare Services Training Grants	93.647 93.648	C001399	95,029	(2,909)	(4,751)
Child Welfare Services Training Grants Child Welfare Services Training Grants	93.648 93.648	—	120,021	_	
Child Welfare Services Training Grants	93.648	_	678,116	_	
Child Welfare Services Training Grants	93.648		127,410	_	
Child Welfare Services Training Grants	93.648	_	25,865	_	
Nazareth College	93.648	90CTO100/03	-	3,007	
Erie County Department of Social Services	93.648	ED2207	-	445,938	
Erie County Department of Social Services	93.648	ED2206	—	150,693	
Erie County Department of Social Services Erie County Department of Social Services	93.648 93.648	ED1904 ED1908	—	253,015 107,107	
Erie County Department of Social Services Erie County Department of Social Services	93.648	ED1908 ED1670	_	(15,456)	
Erie County Department of Social Services	93.648	ED1670		22,433	
Erie County Department of Social Services	93.648		_	39,839	
Erie County Department of Social Services	93.648	_	_	59,006	2,112,023
SUNY at Stony Brook	93.658	C001402	—	35,920	
SUNY at Stony Brook	93.658	C025453	—	30,102	
SUNY at Stony Brook	93.658	C001439	-	154,970	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.658	—	—	318,171 75,226	
NYS Office of Children and Family Services	93.658 93.658		_	2,996	
NYS Office of Children and Family Services	93.658		_	10,391	
NYS Office of Children and Family Services	93.658	_	_	271,826	
	93.658	_	_	8,971	
NYS Office of Children and Family Services				16,387	
NYS Office of Children and Family Services	93.658	-	_		
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.658 93.658	—	_	35,509	
NYS Office of Children and Family Services NYS Office of Children and Family Services NYS Office of Children and Family Services	93.658 93.658 93.658			35,509 29,551	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.658 93.658	 		35,509	

Schedule of Expenditures of Federal Awards

Unit of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes of the add hand shows to classes	Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
NYN ORG-C (Likkan all Dark Strick       94:05       -       -       1.0.1         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.2         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3         NYN ORG-C (Likkan all Dark Strick       94:05       -       1.0.3<						
			—	\$ —		
ANY ORE of Claiks and Europer Normal     94.56     —     —     44.58       NYY ORE of Claiks and Europer Normal     94.58     —     —     4.58       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.58       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.58       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.57       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.57       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.51       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.51       NYY OR Core of Claiks and Europer Normal     94.58     —     …     4.53       NYY OR Core of Claiks and Europer Normal     94.58     —     …     1.53       NYY OR Core of Claiks and Europer Normal     94.58     —     …     1.54       NYY OR Core of Claiks and Europer Normal     94.58     —     …     1.54       NYY OR Core of Claiks and Europer Normal     94.58     —     …     1.54       NYY OR Core of Claiks and Europer Normal     94.58     —     …     1.54       NYY OR Core of Claiks and Europer Normal     94.58     …     …     1.54			—	—		
NYS Office of Cubic and Fundy Services       94,658				_		
NYN Office of Cubics of Links and Fundy Service         94.65         QUEST2         —         1.67           NYN Office of Cubics of Links and Fundy Service         94.65         QUEST2         —         40.75           NYN Office of Cubics of Links and Fundy Service         94.65         QUEST2         —         40.75           NYN Office of Cubics of Links and Fundy Service         94.65         QUEST2         —         40.75           NYN Office of Cubics of Links and Fundy Service         94.65         —         —         25.75           NYN Office of Cubics of Links and Fundy Service         94.65         —         —         25.75           NYN Office of Cubics of Links and Fundy Service         94.65         —         —         4.56           NYN Office of Cubics of Fundy Service         94.65         —         —         4.56           NYN Office of Cubics of Fundy Service         94.65         —         —         4.56           NYN Office of Cubics of Fundy Service         94.65         —         —         4.56           NYN Office of Cubics of Fundy Service         94.65         —         —         4.56           NYN Office of Cubics of Fundy Service         94.65         —         —         1.56           NYN Office of Cubics of Fundy Service			—	_		
NYY OR, a., Calaba and Pang Service         9169	NYS Office of Children and Family Services	93.658		_	3,947	
NY 0.06:r.d (Laber and Bark) Servers       90.68       C02171       —       40.78         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       207.18         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       207.18         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       207.18         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       207.18         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       20.71         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       10.80         NY 0.06:r.d (Laber and Bark) Servers       90.68       —       —       10.80         NY 0.06:r.d (Laber and Bark) Servers       90.68       C021.71 <td< td=""><td></td><td></td><td>T001444</td><td>-</td><td></td><td></td></td<>			T001444	-		
MYN DUR, J. ("Lable and Jung's views     9,655     C02112     —     3.687       MYN DUR, J. ("Lable and Jung's views     9,655     —     3.643       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     —     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …     …       NYN DUR, J. ("Lable and Jung's views     9,658     …     …     …       NYN				-		
NYN ORE: of Chikana Jam) Servers     94.08     CH0243     40.08       NYN ORE: of Chikana Jam) Servers     94.08     -     -     2.0.35       NYN ORE: of Chikana Jam) Servers     94.08     -     -     2.0.35       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00       NYN ORE: of Chikana Jam) Servers     94.08     -     -     1.00						
NYN ORD: of Calaban at Jamp's Strive     9.858				_		
NYN Offics of Calabra and Samp'stream     91.058       2.3.15       NYN Offics of Calabra and Samp'stream     91.058       3.317       NYN Offics of Calabra and Samp'stream     91.058       1.418       NYN Offics of Calabra and Samp'stream     91.058       1.419       NYN Offics of Calabra and Samp'stream     91.058       1.538       NYN Offics of Calabra and Samp'stream     91.058       1.538 </td <td></td> <td></td> <td>_</td> <td>_</td> <td></td> <td></td>			_	_		
NY 0 OK: of Calabase and Park Service       9.688         1.51         NY 0 OK: of Calabase and Park Service       9.088         1.51         NY 0 OK: of Calabase and Park Service       9.088         1.51         NY 0 OK: of Calabase and Park Service       9.088         2.400         NY 0 OK: of Calabase and Park Service       9.088         2.400         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088         3.600         NY 0 OK: of Calabase and Park Service       9.088			—	—		
NYN Diffie of Chaloma and Pauly Service       91,058       —       —       8,771         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       93,058         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       94,049         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       94,049         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       24,049         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       24,049         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       21,04         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service       92,058       —       —       12,03         NYN Diffie of Chaloma and Pauly Service			—	—		
NYS Differ of Chalters and Family Services       94.08       -       -       1,33         NYS Differ of Chalters and Family Services       94.08       -       -       4.44         NYS Differ of Chalters and Family Services       94.08       -       -       4.44         NYS Differ of Chalters and Family Services       94.08       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       -       1.43         NYS Differ of Chalters and Family Services       94.08       -       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       -       1.40         NYS Differ of Chalters and Family Services       94.08       -       -       2.50         NYS Differ of Chalters and Family Services       94.08       -       -       2.50         NYS Differ of Chalters and Family Services       94.08       -			—	-		
NYS Office of Chaleman and Famply Services       93,658       —       —       199,079         NYS Office of Chaleman and Famply Services       93,658       —       —       2,049         NYS Office of Chaleman and Famply Services       93,658       —       —       2,049         NYS Office of Chaleman and Famply Services       93,658       —       —       2,049         NYS Office of Chaleman and Famply Services       93,658       —       —       2,049         NYS Office of Chaleman and Famply Services       93,658       —       —       2,040         NYS Office of Chaleman and Famply Services       93,658       —       —       1,326         NYS Office of Chaleman and Famply Services       93,658       —       —       2,300         NYS Office of Chaleman and Famply Services       93,658       —       —       2,300         NYS Office of Chaleman and Famply Services       93,658       —       —       2,300         NYS Office of Chaleman and Famply Services       93,658       —       —       2,300         NYS Office of Chaleman and Famply Services       93,658       —       —       1,344         NYS Office of Chaleman and Famply Services       93,658       —       —       1,345         NYS Office				_		
NYN Difke of Challers and Pauly Services       92,858       —       —       6,346         NYN Difke of Challers and Pauly Services       92,658       —       —       20,440         NYN Difke of Challers and Pauly Services       92,658       —       —       20,440         NYN Difke of Challers and Pauly Services       92,658       —       —       20,440         NYN Difke of Challers and Pauly Services       92,658       —       —       20,440         NYN Difke of Challers and Pauly Services       92,658       —       —       12,450         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       —       —       12,550         NYN Difke of Challers and Pauly Services       92,658       OUD1311       —       12,550         NYN Difke of Challers						
NYS Offic of Chalden and Pumb Services       93.63       -       -       20.49         NYS Offic of Chalden and Pumb Services       93.64       COD213       -       72.09         NYS Offic of Chalden and Pumb Services       93.64       COD213       -       72.09         NYS Offic of Chalden and Pumb Services       93.64       COD214       -       72.09         NYS Offic of Chalden and Pumb Services       93.64       -       -       1.34         NYS Offic of Chalden and Pumb Services       93.65       -       -       2.50         NYS Offic of Chalden and Pumb Services       93.65       -       -       2.50         NYS Offic of Chalden and Pumb Services       93.65       -       -       3.134         NYS Offic of Chalden and Pumb Services       93.65       -       -       3.134         NYS Offic of Chalden and Pumb Services       93.65       -       -       3.134         NYS Offic of Chalden and Pumb Services       93.65       -       -       3.134         NYS Offic of Chalden and Pumb Services       93.65       -       -       3.259         NYS Offic of Chalden and Pumb Services       93.65       -       -       2.258         NYS Offic of Chalden and Pumb Services       93.68			_	_		
NYS Office of Challen and Pamb Services       91,658       —       —       12,619         NYS Office of Challen and Pamb Services       91,688       COU2188       —       12,109         NYS Office of Challen and Pamb Services       91,688       —       21,114         NYS Office of Challen and Pamb Services       91,688       —       —       11,108         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       11,208         NYS Office of Challen and Pamb Services       91,688       —       —       12,308         SUVY at Sum Brock       91,688       —       —       12,308         SUVY at Sum Brock       91,688       —	NYS Office of Children and Family Services	93.658	—	-	14,418	
NYS Office of Chalder and Pauls Services       92,083       —       —       11,410         NYS Office of Chalder and Pauls Services       92,083       —       —       245,713         NYS Office of Chalder and Pauls Services       92,083       —       —       12,524         NYS Office of Chalder and Pauls Services       92,083       —       —       12,524         NYS Office of Chalder and Pauls Services       92,083       —       —       2,524         NYS Office of Chalder and Pauls Services       92,083       —       —       2,524         NYS Office of Chalder and Pauls Services       92,083       —       —       3,526         NYS Office of Chalder and Pauls Services       92,083       —       —       3,526         NYS Office of Chalder and Pauls Services       92,083       —       —       3,526         NYS Office of Chalder and Pauls Services       92,083       COU2170       —       3,526         SUNY at Storp Brok       92,083       COU2170       —       3,526         SUNY at Storp Brok       92,083       COU2170       —       12,526         SUNY at Storp Brok       92,083       COU2170       —       12,526         SUNY at Storp Brok       92,083       COU2170			—	—		
NYS Office of Chaldra and Pumily Services       93,088       CO02138       —       75,009         NYS Office of Chaldra and Pumily Services       93,088       —       —       1,349         NYS Office of Chaldra and Pumily Services       93,088       —       —       1,349         NYS Office of Chaldra and Pumily Services       93,088       —       —       2,508         NYS Office of Chaldra and Pumily Services       93,088       —       —       2,300         NYS Office of Chaldra and Pumily Services       93,088       —       —       2,300         NYS Office of Chaldra and Pumily Services       93,088       CO02138       —       3,174         NYS Office of Chaldra and Pumily Services       93,088       CO02138       —       3,174         NYS Office of Chaldra and Pumily Services       93,088       CO02138       —       3,1300         SUPY at Supp Book       93,088       CO02138       —       3,2300         SUPY at Supp Book       93,088       CO02138			—	-		
NYS Office of Childre and Fundy Services       91,688       0.002140       —       72,409         NYS Office of Childre and Fundy Services       91,583       —       —       1,508         NYS Office of Childre and Fundy Services       91,583       —       —       1,508         NYS Office of Childre and Fundy Services       91,583       —       —       1,508         NYS Office of Childre and Fundy Services       91,583       —       —       3,1671         NYS Office of Childre and Fundy Services       91,583       —       —       3,1671         NYS Office of Childre and Fundy Services       91,583       —       —       3,1671         NYS Office of Childre and Fundy Services       91,583       —       —       3,1671         NYS Office of Childre and Fundy Services       91,583       —       —       3,1674         NYS Office of Childre and Fundy Services       91,583       CO0213       —       7,280         SIVN X at Swop Rock       91,583       CO02148       —       7,280         NYS Office of Childre and Fundy Services       91,583       CO02148       —       7,280         NYS Office of Childre and Fundy Services       91,583       CO02148       —       7,280         NYS Office of Childre an			 C002138	—		
NYS Office of Chalema Jami's Serves       91,68       —       —       23,713         NYS Office of Chalema Jami's Serves       92,683       —       —       13,844         NYS Office of Chalema Jami's Serves       92,683       —       —       13,844         NYS Office of Chalema Jami's Serves       92,683       —       —       14,868         NYS Office of Chalema Jami's Serves       92,683       —       —       14,968         NYS Office of Chalema Jami's Serves       92,683       COUTS1       —       13,179         NYS Office of Chalema Jami's Serves       92,683       COUTS1       —       13,159         NYS Office of Chalema Jami's Serves       92,683       COUTS1       —       13,250         SUNY at Sense Brook       92,683       COUTS19       —       2,788         SUNY at Sense Brook       92,683       COUTS19       —       2,788         SUNY at Sense Brook       92,683       COUTS19       —       2,788         SUNY at Sense Brook       92,683       COUTS19       —       2,353         SUNY at Sense Brook       92,683       COUTS19       —       2,353         SUNY at Sense Brook       92,683       COUTS19       —       2,353				_		
NYS Olice of Claken and Pauly Services       98,085       —       —       —       1.346         NYS Olice of Claken and Pauly Services       98,088       —       —       2.506         NYS Olice of Claken and Pauly Services       98,088       —       —       3.201         NYS Olice of Claken and Pauly Services       98,088       —       —       3.201         NYS Olice of Claken and Pauly Services       98,088       —       —       3.201         NYS Olice of Claken and Pauly Services       98,088       CDUI131       —       3.1474         NYS Olice of Claken and Pauly Services       98,088       CDUI131       —       1.360         SUNY a Stomy Brook       92,088       —       —       1.306         SUNY a Stomy Brook       92,088       —       —       7.500         SUNY a Stomy Brook       92,088       —       …       7.500         SUNY a Stomy Brook       92,088       CDUI201       …       7.520         NYS Olice of Claken and Pauly Services       93,088       CDUI201       …       7.530         NYS Olice of Claken and Pauly Services       93,088       CDUI201       …       7.530         NYS Olice of Claken and Pauly Services       93,088       …       … <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td>				_		
NYS Ofice of Chalaran and Family Services       91,688       —       —       13,274         NYS Ofice of Chalaran and Family Services       91,688       —       —       3,138         NYS Ofice of Chalaran and Family Services       91,688       —       —       3,138         NYS Ofice of Chalaran and Family Services       91,688       COR131       —       13,279         NYS Ofice of Chalaran and Family Services       91,688       COR2118       —       13,306         SUVN at Somp Brook       91,688       COR2129       —       13,306         SUVN at Somp Brook       91,688       COR2149       —       13,306         SUVN at Somp Brook       91,688       COR2149       —       74,402         NYS Office of Chalaran and Family Services       91,688       COR2149       —       74,802         NYS Office of Chalaran and Family Services       91,688       COR2149       —       74,902         NYS Office of Chalaran and Family Services       91,688       COR149       —       2,533,973         SUVN at Stomp Brook       91,689       COR149       —       2,338         SUVN at Stomp Brook       91,689       COR149       —       2,338         SUVN at Stomp Brook       91,689       COR149	NYS Office of Children and Family Services		—	-	1,246	
NYS Office of Chalter and Family Services       93,688       —       —       2,506         NYS Office of Chalter and Family Services       93,688       —       —       3,012         NYS Office of Chalter and Family Services       93,688       —       —       1,374         NYS Office of Chalter and Family Services       93,688       C002133       —       1,374         NYS Office of Chalter and Family Services       93,688       C002133       —       1,376         SUVM of Storey Brock       93,688       C002133       —       1,366         SUVM of Storey Brock       93,688       C0021703       —       7,800         SUVM of Storey Brock       93,688       C0021703       —       7,800         NYS Office of Chalter and Family Services       93,688       C002173       —       1,253,817         SUVM of Storey Brock       93,688       C001632       —       1,253,817         SUVM of Storey Brock       93,688       C001632       —       1,253,817         SUVM of Storey Brock       93,688       C001632       —       1,253,817         SUVM of Storey Brock       93,689       C001632       —       1,253,817         SUVM of Storey Brock       93,689       —       … <td< td=""><td></td><td></td><td>_</td><td>_</td><td></td><td></td></td<>			_	_		
NYS Office of Cables and Family Services       91.688       —       —       2.102         NYS Office of Cables and Family Services       91.688       —       3.499         NYS Office of Cables and Family Services       91.688       COU2133       —       31.744         NYS Office of Cables and Family Services       91.688       COU2134       —       31.744         NYS Office of Cables and Family Services       91.688       COU2134       —       31.744         SUNY AT Semy Incol.       91.688       COU2134       —       31.744         SUNY AT Semy Incol.       91.688       COU2130       —       32.166         SUNY AT Semy Incol.       91.688       COU2570       —       32.890         NYS Office of Cables and Family Services       91.688       COU2572       —       3.681         SUNY AT Semy Incol.       91.688       COU3512       —       (.390)         NYS Office of Cables and Family Services       91.688       COU1523       —       (.390)         NYS Office of Cables and Family Services       91.689       —       —       2.25.397         NYS Office of Cables and Family Services       91.699       —       —       2.30.497         NYS Office of Cables and Family Services       91.699			—	_		
NNS Office of Chikem and Family Services       92.638       —       —       93.438         NNS Office of Chikem and Family Services       93.638       CO20133       —       3.539         SUNY of Sixen Brock       93.638       CO20133       —       13.759         SUNY of Sixen Brock       93.638       CO2013       —       13.350         SUNY of Sixen Brock       93.638       CC27100       —       33.530         SUNY of Sixen Brock       93.638       —       —       7.450         SUNY of Sixen Brock       93.638       —       —       7.450         SUNY of Sixen Brock       93.638       CO21790       —       2.253.97         SUNY of Sixen Brock       93.638       —       —       2.369         NY Office of Chikem and Family Services       93.638       —       —       2.353.97         SUNY of Sixen Brock       93.638       —       —       2.353.97         SUNY of Sixen Brock       93.638       —       —       2.353.97         SUNY of Sixen Brock       93.639       —       —       2.353.97         SUNY of Sixen Brock       93.639       —       —       2.353.97         SUNY of Sixen Brock       93.639       —			—	—		
NYS Office of Chiken and Funity Services       91.688       —       —       7.9         NYS Office of Chiken and Funity Services       91.688       C023110       —       11.474         NYS NY at Somy Brock       91.688       C023110       —       13.368         SUNY at Somy Brock       91.688       C02310       —       13.368         SUNY at Somy Brock       91.688       C02120       —       47.422         NYS Office of Chiken and Funity Services       91.685       C02127       —       3.688         NYS Office of Chiken and Funity Services       91.685       C02127       —       3.688         NYS Office of Chiken and Funity Services       91.685       C012572       —       3.688         NYS Office of Chiken and Funity Services       91.685       C012573       —       (2.390)         NYS Office of Chiken and Funity Services       91.686       C01133       —       (2.390)         NYS Office of Chiken and Funity Services       91.696       C02143       —       (2.390)         NYS Office of Chiken and Funity Services       91.696       —       (2.370)       2.788         NYS Office of Chiken and Funity Services       91.696       —       —       2.2788         NYS Office of Chiken and Funity Se				_		
NYS Office of Calabra and Family Services       93.638       C002133       —       31.74         NYS Office of Calabra and Family Services       93.638       C002110       —       31.576         SUNY at Storp Brock       93.638       —       —       31.576         SUNY at Storp Brock       93.638       —       —       23.580         SUNY at Storp Brock       93.638       C002130       —       7.520         SUNY at Storp Brock       93.638       C002130       —       7.520         SUNY at Storp Brock       93.638       C002572       —       3.683         SUNY at Storp Brock       93.638       C002573       —       3.237         SUNY at Storp Brock       93.638       C00123       —       2.237         SUNY at Storp Brock       93.638       C00123       —       2.353         SUNY at Storp Brock       93.639       —       —       2.353         SUNY at Storp Brock       93.639       C001402       —       2.353         SUNY at Storp Brock       93.639       —       —       2.353         SUNY at Storp Brock       93.639       —       —       2.353         SUNY at Storp Brock       93.639       —       —						
SUNY at Somy Brock       93.688       CU2570       —       30.390         SUNY at Somy Brock       93.688       CU2709       —       27.889         NYS Office of Childre and Family Services       93.688       CU2120       —       47.422         NYS Office of Childre and Family Services       93.688       CU2120       —       47.422         NYS Office of Childre and Family Services       93.688       CU2137       —       2.237         SUNY at Somy Brock       93.688       CU1733       —       2.239         SUNY at Somy Brock       93.688       CU1733       —       2.230         NYS Office of Childre and Family Services       93.689       CU21402       —       1.032       2.53.397         SUNY at Somy Brock       93.699       CU23453       —       2.253.047         NYS Office of Childre and Family Services       93.699       —       —       7.344         NYS Office of Childre and Family Services       93.699       —       —       7.340         NYS Office of Childre and Family Services       93.699       —       —       7.344         NYS Office of Childre and Family Services       93.699       —       —       7.344         NYS Office of Childre and Family Services       93.69			C002133	_		
SUNY at Skemp Brock       93.688       —       —       13.306         SUNY at Skemp Brock       93.688       CO07170       —       23.006         BYN NO Skemp Brock       93.688       CO02120       —       7.880         NYS Office of Childran an Finniky Services       93.688       CO02120       —       3.658         SUNY at Skemp Brock       93.688       CO02572       —       3.658         SUNY at Skemp Brock       93.688       CO01632       —       (3.09)         NYS Office of Childran and Finniky Services       93.688       CO01632       —       (3.09)         NYS Office of Childran and Finniky Services       93.688       CO01632       —       (2.37)         SUNY at Skemp Brock       93.699       —       —       22.23,708         NYS Office of Childran and Finniky Services       93.699       —       —       22.23,708         NYS Office of Childran and Finniky Services       93.699       —       —       22.23,708         NYS Office of Childran and Finniky Services       93.699       —       —       22.23,708         NYS Office of Childran and Finniky Services       93.699       —       —       22.21,708         NYS Office of Childran and Finniky Services       93.699 <t< td=""><td></td><td>93.658</td><td>C002118</td><td>—</td><td></td><td></td></t<>		93.658	C002118	—		
SUNY at Somy Brock       93.688       —       —       22.066         SUNY at Somy Brock       93.683       CO25709       —       72.889         NYS Office of Chalter and Family Services       93.683       CO21392       —       36.83         SUNY at Somy Brock       93.683       CO21392       —       36.83         SUNY at Somy Brock       93.683       —       —       2.237         SUNY at Somy Brock       93.683       —       …       2.378         SUNY at Somy Brock       93.685       CO01612       …       10.42         SUNY at Somy Brock       93.669       CO01612       …       12.237.83         SUNY at Somy Brock       93.669       —       …       22.189         SUNY at Somy Brock       93.669       …       …       22.189         SUNY at Somy Brock       93.669       …       …       …       73.34         NYS Office of Chalter and Family Services       93.669       …       …       73.34         NYS Office of Chalter and Family Services       93.669       …       …       73.34         NYS Office of Chalter and Family Services       93.669       …       …       73.34         NYS Office of Chalter and Family Services			C025710	—		
SUNY at Somj Brook       91.688       CU25709        27.889         NYS Office of Childran and Family Services       91.688       CU02140        7.201         SUNY at Somj Brook       91.688       CU02143        7.230         SUNY at Somj Brook       91.688       CU02143        6.230         SUNY at Somj Brook       91.688       CU01733        6.230         NYS Office of Childran and Family Services       91.689       CU01732        7.331         SUNY at Somj Brook       91.689       CU01732        92.2,78         NYS Office of Childran and Family Services       91.689       CU01732        92.2,78         NYS Office of Childran and Family Services       91.689         92.2,78         NYS Office of Childran and Family Services       91.689         92.2,78         NYS Office of Childran and Family Services       91.689         92.478         NYS Office of Childran and Family Services       91.689         92.478         NYS Office of Childran and Family Services       91.689         92.478         NYS Office of Childran and Family Services       <			—	—		
NYS Office of Childran and Family Services       93.688       C002148       —       47.422         NYS Office of Childran and Family Services       93.688       C025572       —       3.689         NYS Office of Childran and Family Services       93.688       C000733       —       (3.309)         NYS Office of Childran and Family Services       93.688       C000733       —       (3.309)         NYS Office of Childran and Family Services       93.689       C001402       —       19.432         Styr as May Phock       93.699       —       —       23.23,788         NYS Office of Childran and Family Services       93.699       —       —       23.23,788         NYS Office of Childran and Family Services       93.699       —       —       75.440         NYS Office of Childran and Family Services       93.699       —       —       75.440         NYS Office of Childran and Family Services       93.699       —       —       75.440         NYS Office of Childran and Family Services       93.699       —       —       75.440         NYS Office of Childran and Family Services       93.699       —       —       76.43         NYS Office of Childran and Family Services       93.699       —       —       7.43			C025709	_		
NYS Office of Childran and Family Services       95.688       C0021572       —       7.800         SUNY Si Skoy Brook       96.688       —       —       2.237         SUNY Si Skoy Brook       96.688       —       —       2.239         NYS Office of Children and Family Services       93.688       C0001733       —       0.300       2.583.957         SUNY Si Skow Brook       95.659       C001402       —       19.432         SUNY Si Skow Brook       95.659       —       —       22.378         SUNY Si Skow Brook       95.659       —       —       22.178         VINY Office of Children and Family Services       93.659       —       —       22.178         VINY Office of Children and Family Services       93.659       —       —       77.04         VINY Office of Children and Family Services       93.659       —       —       77.034         VINY Office of Children and Family Services       93.659       —       —       77.034         VINY Office of Children and Family Services       93.659       —       —       77.034         VINY Office of Children and Family Services       93.659       —       —       7.619         VINY Office of Children and Family Services       93.659				_		
SUNY at Sump Brook       93.658       —       —       2.237         SUNY at Sump Brook       93.658       OU1022       —       0.2390         NYS Office of Children and Family Services       93.669       OU10422       —       19.432         SUNY at Sump Brook       93.659       OU10422       —       19.432         SUNY at Sump Brook       93.659       —       —       23.788         NYS Office of Children and Family Services       93.659       —       —       23.788         NYS Office of Children and Family Services       93.659       —       —       22.189         NYS Office of Children and Family Services       93.659       —       —       22.180         NYS Office of Children and Family Services       93.659       —       —       23.788         NYS Office of Children and Family Services       93.659       —       —       24.52         NYS Office of Children and Family Services       93.659       —       —       35.201         NYS Office of Children and Family Services       93.659       —       —       35.201         NYS Office of Children and Family Services       93.659       —       —       35.611         NYS Office of Children and Family Services       93.659       —				_		
SUNY at Some Brook       93.688        -       5.249         NYS Office of Chakter and Family Services       93.688       C001753       -       (2.399)         SUY at Some Brook       93.688       C001632       -       (30)       2.553.957         SUY at Some Brook       93.689       C0014632       -       (30)       2.553.957         SUY at Some Brook       93.659       -       -       922.478         NYS Office of Chakter and Family Services       93.659       -       -       7.5340         NYS Office of Chakter and Family Services       93.659       -       -       7.5340         NYS Office of Chakter and Family Services       93.659       -       -       7.5340         NYS Office of Chakter and Family Services       93.659       -       -       8.462         NYS Office of Chakter and Family Services       93.659       -       -       8.462         NYS Office of Chakter and Family Services       93.659       -       -       8.462         NYS Office of Chakter and Family Services       93.659       -       -       8.462         NYS Office of Chakter and Family Services       93.659       -       -       6.570         NYS Office of Chakter and Family Services <td>NYS Office of Children and Family Services</td> <td>93.658</td> <td>C025572</td> <td>—</td> <td>3,658</td> <td></td>	NYS Office of Children and Family Services	93.658	C025572	—	3,658	
NYS Office of Children and Family Services       93.658       C001733       —       (3.09)         SUNY at Storp Brook       93.658       C001402       —       19.432         SUNY at Storp Brook       93.659       C0025453       —       23.788         NYS Office of Children and Family Services       93.659       —       —       93.778         NYS Office of Children and Family Services       93.659       —       —       77.034         NYS Office of Children and Family Services       93.659       —       —       77.034         NYS Office of Children and Family Services       93.659       —       —       77.034         NYS Office of Children and Family Services       93.659       —       —       64.82         NYS Office of Children and Family Services       93.659       —       —       64.82         NYS Office of Children and Family Services       93.659       —       —       64.87         NYS Office of Children and Family Services       93.659       —       —       7.034         NYS Office of Children and Family Services       93.659       —       —       7.034         NYS Office of Children and Family Services       93.659       —       —       7.034         NYS Office of Children and Family			—	-		
MYS Office of Chikten and Family Services       93.688       CO01622       —       (30)       2.553.957         SUNY at Storp Brook       93.689       CO01402       —       19.432         SUNY at Storp Brook       93.689       CO01402       —       13.788         NYS Office of Chikten and Family Services       93.699       —       —       223.788         NYS Office of Chikten and Family Services       93.659       —       —       75.340         NYS Office of Chikten and Family Services       93.659       —       —       70.34         NYS Office of Chikten and Family Services       93.659       —       —       70.34         NYS Office of Chikten and Family Services       93.659       —       —       84.32         NYS Office of Chikten and Family Services       93.659       —       —       84.32         NYS Office of Chikten and Family Services       93.659       —       —       74.84         NYS Office of Chikten and Family Services       93.659       —       —       74.84         NYS Office of Chikten and Family Services       93.659       —       —       76.11         NYS Office of Chikten and Family Services       93.659       —       —       76.11         NYS Office of Chikten a				—		
SUNY at Storp Brook       93.659       C02453       —       19.432         SUNY at Storp Brook       93.659       C02453       —       23.788         NYS Office of Children and Family Services       93.659       —       —       23.788         NYS Office of Children and Family Services       93.659       —       —       77.034         NYS Office of Children and Family Services       93.659       —       —       64.35         NYS Office of Children and Family Services       93.659       —       —       64.35         NYS Office of Children and Family Services       93.659       —       —       64.35         NYS Office of Children and Family Services       93.659       —       —       84.42         NYS Office of Children and Family Services       93.659       —       —       63.70         NYS Office of Children and Family Services       93.659       —       —       7.04         NYS Office of Children and Family Services       93.659       —       —       7.04         NYS Office of Children and Family Services       93.659       —       —       7.04         NYS Office of Children and Family Services       93.659       —       —       7.04         NYS Office of Children and Family Services				_		2 553 057
SUNY at Story Brook       93.659       —       23.788         NYS Office of Children and Family Services       93.659       —       22.178         NYS Office of Children and Family Services       93.659       —       22.189         NYS Office of Children and Family Services       93.659       —       22.189         NYS Office of Children and Family Services       93.659       —       20.772         NYS Office of Children and Family Services       93.659       —       6.435         NYS Office of Children and Family Services       93.659       —       6.435         NYS Office of Children and Family Services       93.659       —       6.432         NYS Office of Children and Family Services       93.659       —       6.373         NYS Office of Children and Family Services       93.659       —       6.373         NYS Office of Children and Family Services       93.659       —       6.373         NYS Office of Children and Family Services       93.659       —       2.215.151         NYS Office of Children and Family Services       93.659       —       2.127.90         NYS Office of Children and Family Services       93.659       —       2.127.90         NYS Office of Children and Family Services       93.659       —       2.127.90				_		2,333,937
NYS Office of Children and Pamily Services       93.659				_		
NYS Office of Children and Family Services       93.659			—	—		
NYS Office of Children and Family Services       93.659			—	-		
NYS Office of Children and Family Services       93.659			—	_		
NYS Office of Children and Family Services       93.659         6.435         NYS Office of Children and Family Services       93.659         8.442         NYS Office of Children and Family Services       93.659         8.896         NYS Office of Children and Family Services       93.659         5.520         SUNY at Stomy Brock       93.659         7.498         NYS Office of Children and Family Services       93.659         7.498         NYS Office of Children and Family Services       93.659         7.498         NYS Office of Children and Family Services       93.659         2.5111         NYS Office of Children and Family Services       93.659         2.5111         NYS Office of Children and Family Services       93.659         2.5116         NYS Office of Children and Family Services       93.659         6.309         NYS Office of Children and Family Services       93.659         6.309         NYS Office of Children and Family Services       93.659         6.309 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
NYS Office of Children and Family Services       93.659         8,442         NYS Office of Children and Family Services       93.659         38.896         NYS Office of Children and Family Services       93.659         38.896         NYS Office of Children and Family Services       93.659         7.498         NYS Office of Children and Family Services       93.659         7.498         NYS Office of Children and Family Services       93.659         7.498         NYS Office of Children and Family Services       93.659         7.619         NYS Office of Children and Family Services       93.659         18.165         NYS Office of Children and Family Services       93.659         63.009         NYS Office of Children and Family Services       93.659         63.009         NYS Office of Children and Family Services       93.659         63.009         NYS Office of Children and Family Services       93.659         63.009         NYS Office of Children and Family Services       93.659         63.009 <td></td> <td></td> <td>—</td> <td>_</td> <td></td> <td></td>			—	_		
NYS Office of Children and Family Services       93.659       —       —       —       58.896         NYS Office of Children and Family Services       93.659       T001444       —       6.870         NYS Office of Children and Family Services       93.659       —       —       7.498         NYS Office of Children and Family Services       93.659       C002137       —       62.305         NYS Office of Children and Family Services       93.659       —       —       776,199         NYS Office of Children and Family Services       93.659       —       —       235,151         NYS Office of Children and Family Services       93.659       —       —       232,151         NYS Office of Children and Family Services       93.659       —       —       23,610         NYS Office of Children and Family Services       93.659       —       —       23,611         NYS Office of Children and Family Services       93.659       —       —       23,221         NYS Office of Children and Family Services       93.659       —       —       43,44         NYS Office of Children and Family Services       93.659       —       —       44,4         NYS Office of Children and Family Services       93.659       —       —       107,082	NYS Office of Children and Family Services		—	—		
NYS Office of Children and Family Services       93.659       —       —       55.220         NYS Office of Children and Family Services       93.659       —       —       7.498         NYS Office of Children and Family Services       93.659       CO02143       —       62.305         NYS Office of Children and Family Services       93.659       —       —       76.19         NYS Office of Children and Family Services       93.659       —       —       76.19         NYS Office of Children and Family Services       93.659       —       —       76.19         NYS Office of Children and Family Services       93.659       —       —       78.10         NYS Office of Children and Family Services       93.659       —       —       63.609         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       6.61         NYS Office of Children and Family Services       93.659       —       —       6.61         NYS			—	—		
SUNY at Stony Brook       93,659       —       6,870         NYS Office of Children and Family Services       93,659       —       62,305         NYS Office of Children and Family Services       93,659       —       62,305         NYS Office of Children and Family Services       93,659       —       —       76,199         NYS Office of Children and Family Services       93,659       —       —       23,515         NYS Office of Children and Family Services       93,659       —       —       23,515         NYS Office of Children and Family Services       93,659       —       —       21,275         NYS Office of Children and Family Services       93,659       —       —       9,522         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       49,130         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       16,951         NYS Office of Children and Family Services       93,659       — <td></td> <td></td> <td>—</td> <td>-</td> <td></td> <td></td>			—	-		
NYS Office of Children and Family Services       93.659       —       —       7.498         NYS Office of Children and Family Services       93.659       C002137       —       62.305         NYS Office of Children and Family Services       93.659       —       —       776.199         NYS Office of Children and Family Services       93.659       —       —       225.151         NYS Office of Children and Family Services       93.659       —       —       212.75         NYS Office of Children and Family Services       93.659       —       —       63.609         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       69.130         NYS Office of Children and Family Services       93.659       —       —       16.951         NYS Office of Children and Family Services       93.659       —       —       16.951			 T001444	_		
NYS Office of Children and Family Services       93,659       C002137       —       62,305         NYS Office of Children and Family Services       93,659       —       —       776,199         NYS Office of Children and Family Services       93,659       —       —       786,101         NYS Office of Children and Family Services       93,659       —       —       181,65         NYS Office of Children and Family Services       93,659       —       —       63,609         NYS Office of Children and Family Services       93,659       —       —       63,609         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       23,330         NYS Office of Children and Family Services       93,659       —       —       107,082         NYS Office of Children and Family Services       93,659       —       —       107,082         NYS Office of Children and Family Services       93,659       —       —       107,082         NYS Office of Children and Family Services       93,659       —       —       108,08				_		
NYS Office of Children and Family Services       93,659       —       —       776,199         NYS Office of Children and Family Services       93,659       —       —       235,51         NYS Office of Children and Family Services       93,659       —       —       21,275         NYS Office of Children and Family Services       93,659       —       —       63,609         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       484         NYS Office of Children and Family Services       93,659       —       —       6,013         NYS Office of Children and Family Services       93,659       —       —       107,082         NYS Office of Children and Family Services       93,659       —       —       107,082         NYS Office of Children and Family Services       93,659       —       —       7,574         NYS Office of Children and Family Services       93,659       —       —       1,998         NYS Offic	NYS Office of Children and Family Services		C002137	_		
NYS Office of Children and Family Services       93,659       —       —       255,151         NYS Office of Children and Family Services       93,659       —       —       21,275         NYS Office of Children and Family Services       93,659       —       —       63,609         NYS Office of Children and Family Services       93,659       —       —       63,609         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       69,130         NYS Office of Children and Family Services       93,659       —       —       1444         NYS Office of Children and Family Services       93,659       —       —       16,951         NYS Office of Children and Family Services       93,659       —       —       16,951         NYS Office of Children and Family Services       93,659       —       —       16,951         NYS Office of Children and Family Services       93,659       —       —       16,951         NYS Office of Children and Family Services       93,659       —       —       1,988         NY		93.659	C002143	—	55,611	
NYS Office of Children and Family Services       93,659       —       18,165         NYS Office of Children and Family Services       93,659       —       63,609         NYS Office of Children and Family Services       93,659       —       63,609         NYS Office of Children and Family Services       93,659       —       9,522         NYS Office of Children and Family Services       93,659       —       9,522         NYS Office of Children and Family Services       93,659       —       484         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       107,082         NYS Office of Children and Family Services       93,659       —       10,017         NYS Office of Children and Family Services       93,659       —			—	—		
NYS Office of Children and Family Services       93,659        21,275         NYS Office of Children and Family Services       93,659        63,609         NYS Office of Children and Family Services       93,659        69,130         NYS Office of Children and Family Services       93,659        69,130         NYS Office of Children and Family Services       93,659        484         NYS Office of Children and Family Services       93,659       C002138        23,930         NYS Office of Children and Family Services       93,659       C002140        107,082         NYS Office of Children and Family Services       93,659         5,601         NYS Office of Children and Family Services       93,659         29,923         NYS Office of Children and Family Services       93,659         29,923         NYS Office of Children and Family Services       93,659         29,923         NYS Office of Children and Family Services       93,659         10,98         NYS Office of Children and Family Services       93,659       C002118        6,419         SUNY at Stony Brook       93,659       <			—	—		
NYS Office of Children and Family Services       93.659         63.609         NYS Office of Children and Family Services       93.659         69.130         NYS Office of Children and Family Services       93.659         484         NYS Office of Children and Family Services       93.659         484         NYS Office of Children and Family Services       93.659       C002138        107.082         NYS Office of Children and Family Services       93.659         16.951         NYS Office of Children and Family Services       93.659         5.601         NYS Office of Children and Family Services       93.659         7.574         NYS Office of Children and Family Services       93.659         2.9.923         NYS Office of Children and Family Services       93.659         1.998         NYS Office of Children and Family Services       93.659       C002133        3.681         NYS Office of Children and Family Services       93.659       C002110        16.419         SUNY at Stomy Brook       93.659       C002709       -       2.2.039				_		
NYS Office of Children and Family Services       93.659       —       9.522         NYS Office of Children and Family Services       93.659       —       61.30         NYS Office of Children and Family Services       93.659       —       484         NYS Office of Children and Family Services       93.659       C002138       —       23.930         NYS Office of Children and Family Services       93.659       C002140       —       107.082         NYS Office of Children and Family Services       93.659       —       —       5.601         NYS Office of Children and Family Services       93.659       —       —       7.574         NYS Office of Children and Family Services       93.659       —       —       7.574         NYS Office of Children and Family Services       93.659       —       —       29.923         NYS Office of Children and Family Services       93.659       —       —       31.688         NYS Office of Children and Family Services       93.659       C002133       —       1.998         NYS Office of Children and Family Services       93.659       C025710       —       16.419         SUNY at Stony Brook       93.659       C002120       —       22.039         NYS Office of Children and Family Services				_		
NYS Office of Children and Family Services       93.659       —       —       484         NYS Office of Children and Family Services       93.659       C002138       —       2107,082         NYS Office of Children and Family Services       93.659       —       —       16,951         NYS Office of Children and Family Services       93.659       —       —       601         NYS Office of Children and Family Services       93.659       —       —       7,574         NYS Office of Children and Family Services       93.659       —       —       29,923         NYS Office of Children and Family Services       93.659       —       —       29,923         NYS Office of Children and Family Services       93.659       —       —       29,923         NYS Office of Children and Family Services       93.659       —       —       29,923         NYS Office of Children and Family Services       93.659       C0021133       —       31,688         NYS Office of Children and Family Services       93.659       C025710       —       16,419         SUNY at Stony Brook       93.659       C025709       —       22,039         NYS Office of Children and Family Services       93.659       —       —       2,663         SUNY	NYS Office of Children and Family Services		_	_		
NYS Office of Children and Family Services       93.659       C002138        23.930         NYS Office of Children and Family Services       93.659         16.951         NYS Office of Children and Family Services       93.659         5.601         NYS Office of Children and Family Services       93.659         7.754         NYS Office of Children and Family Services       93.659         29.923         NYS Office of Children and Family Services       93.659         1.998         NYS Office of Children and Family Services       93.659         1.998         NYS Office of Children and Family Services       93.659       C002133        1.6,417         SUNY at Stong Brook       93.659       C0025710        6,336         SUNY at Stong Brook       93.659       C002120        20,923         NYS Office of Children and Family Services       93.659         6,336         SUNY at Stong Brook       93.659       C002120        109.817         SUNY at Stong Brook       93.659         2,663         SUNY at Stong Brook       93.659 <td>NYS Office of Children and Family Services</td> <td></td> <td>—</td> <td>—</td> <td></td> <td></td>	NYS Office of Children and Family Services		—	—		
NYS Office of Children and Family Services93.659C002140107.082NYS Office of Children and Family Services93.65916.951NYS Office of Children and Family Services93.6597.574NYS Office of Children and Family Services93.65929.923NYS Office of Children and Family Services93.6591.998NYS Office of Children and Family Services93.6591.998NYS Office of Children and Family Services93.6591.6,419SUNY at Story Brook93.659C00211316.419SUNY at Story Brook93.6596,336SUNY at Story Brook93.659C02570022.039NYS Office of Children and Family Services93.6592.663SUNY at Story Brook93.6592.0,87SUNY at Story Brook93.6592.0,63SUNY at Story Brook93.659				—		
NYS Office of Children and Family Services       93.659         16,951         NYS Office of Children and Family Services       93.659         5.01         NYS Office of Children and Family Services       93.659         29.923         NYS Office of Children and Family Services       93.659         29.923         NYS Office of Children and Family Services       93.659         19.98         NYS Office of Children and Family Services       93.659       C002113        31.688         NYS Office of Children and Family Services       93.659       C002118        16,419         SUNY at Stony Brook       93.659       C025700        16,419         SUNY at Stony Brook       93.659       C02120        190,817         SUNY at Stony Brook       93.659        2,633         SUNY at Stony Brook       93.659        2,2,039         NYS Office of Children and Family Services       93.659        2,613         SUNY at Stony Brook       93.659        2,613         SUNY at Stony Brook       93.659        2,613         NYS Office of Children and Fami	NYS Office of Children and Family Services			-		
NYS Office of Children and Family Services       93.659        5.601         NYS Office of Children and Family Services       93.659        7.574         NYS Office of Children and Family Services       93.659        7.29,923         NYS Office of Children and Family Services       93.659        1.998         NYS Office of Children and Family Services       93.659        1.91,688         NYS Office of Children and Family Services       93.659       C002133        5.617         SUNY at Stony Brook       93.659       C0025710        6.336         SUNY at Stony Brook       93.659       C002120        0.6336         SUNY at Stony Brook       93.659       C002120        0.6336         SUNY at Stony Brook       93.659         2.0037         SUNY at Stony Brook       93.659         2.038         SUNY at Stony Brook       93.659         2.039         SUNY at Stony Brook       93.659         2.039         SUNY at Stony Brook       93.659         2.033         NYS Office of Children and Family Services       93.659	NYS Office of Children and Family Services		C002140	_		
NYS Office of Children and Family Services       93.659       —       7,574         NYS Office of Children and Family Services       93.659       —       29,993         NYS Office of Children and Family Services       93.659       —       1,998         NYS Office of Children and Family Services       93.659       C002133       —       31,688         NYS Office of Children and Family Services       93.659       C002118       —       5,617         SUNY at Stony Brook       93.659       C025710       —       16,419         SUNY at Stony Brook       93.659       C025709       —       22,039         NYS Office of Children and Family Services       93.659       —       —       2,663         SUNY at Stony Brook       93.659       —       —       2,663         SUNY at Stony Brook       93.659       —       —       2,633         NYS Office of Children and Family Services       93.659       —       —       2,633         NYS Office of Children and Family Services<			_	_		
NYS Office of Children and Family Services       93.659        29.923         NYS Office of Children and Family Services       93.659        1,988         NYS Office of Children and Family Services       93.659       C002133        31.688         NYS Office of Children and Family Services       93.659       C002118        5.617         SUNY at Stong Brook       93.659       C025710        6.336         SUNY at Stong Brook       93.659         6.336         SUNY at Stong Brook       93.659         6.336         SUNY at Stong Brook       93.659       C002120        190.817         SUNY at Stong Brook       93.659         2.663         SUNY at Stong Brook       93.659         2.663         SUNY at Stong Brook       93.659         2.07.270         NYS Office of Children and Family Services       93.659         8.87.47         NYS Office of Children and Family Services       93.659         8.87.47         NYS Office of Children and Family Services       93.659         8.87.47			_	_		
NYS Office of Children and Family Services       93.659       C002133        31.688         NYS Office of Children and Family Services       93.659       C002118        16,419         SUNY at Stony Brook       93.659       C025710        6,336         SUNY at Stony Brook       93.659         6,336         SUNY at Stony Brook       93.659       C025709        2,039         NYS Office of Children and Family Services       93.659       C002120        190,817         SUNY at Stony Brook       93.659         2,663         NYS Office of Children and Family Services       93.659         2,672         NYS Office of Children and Family Services       93.659         2,673         NYS Office of Children and Family Services       93.659         689,510         NYS Office of Children and Family Services       93.667         2			—	—		
NYS Office of Children and Family Services       93.659       C002118        5.617         SUNY at Stony Brook       93.659       C025710        16.419         SUNY at Stony Brook       93.659        6.336         SUNY at Stony Brook       93.659       C025709        29.039         NYS Office of Children and Family Services       93.659       C002120        29.0817         SUNY at Stony Brook       93.659         2.653         SUNY at Stony Brook       93.659         2.653         SUNY at Stony Brook       93.659         2.02,70         NYS Office of Children and Family Services       93.659         689.510         NYS Office of Children and Family Services       93.659         689.510         NYS Office of Children and Family Services       93.659         689.510         NYS Office of Children and Family Services       93.659         244.319       5,045,150         SUNY at Stong Brook       93.667       C001402        244.319       5,045,150         SUNY at Stong Brook       93.667       C001402				-		
SUNY at Stony Brook       93.659       C025710        16.419         SUNY at Stony Brook       93.659         6.336         SUNY at Stony Brook       93.659       C025709        22.039         NYS Office of Children and Family Services       93.659       C002100        190.817         SUNY at Stony Brook       93.659         2.633         SUNY at Stony Brook       93.659         2.039         SUNY at Stony Brook       93.659         2.633         SUNY at Stony Brook       93.659         2.673         NYS Office of Children and Family Services       93.659         2.679         NYS Office of Children and Family Services       93.659         2.673         NYS Office of Children and Family Services       93.659         483.747         NYS Office of Children and Family Services       93.667        -       244.319       5.045.150         SUNY at Stony Brook       93.667       C001402        46.578         SUNY at Stony Brook       93.667        -       95.612				-		
SUNY at Stony Brook       93.659       —       —       6.336         SUNY at Stony Brook       93.659       C025709       —       29.037         NYS Office of Children and Family Services       93.659       C002120       —       190.817         SUNY at Stony Brook       93.659       —       —       2.663         SUNY at Stony Brook       93.659       —       —       3.2,133         NYS Office of Children and Family Services       93.659       —       —       207.270         NYS Office of Children and Family Services       93.659       —       —       689.510         NYS Office of Children and Family Services       93.659       —       —       483.747         NYS Office of Children and Family Services       93.659       —       —       244.319       5,045,150         SUNY at Stony Brook       93.667       C001402       —       46,578         SUNY at Stony Brook       93.667       —       46,578         SUNY at Stony Brook       93.667       —       95.612         SUNY at Stony Brook       93.667       —       46,578         NYS Office of Children and Family Services       93.667       —       95.612         SUNY at Stony Brook       93.667				_		
SUNY at Stony Brook       93.659       C025709        22,039         NYS Office of Children and Family Services       93.659       C002120        190,817         SUNY at Stony Brook       93.659         2,663         SUNY at Stony Brook       93.659         32,133         NYS Office of Children and Family Services       93.659         689,510         NYS Office of Children and Family Services       93.659         483,747         NYS Office of Children and Family Services       93.659         483,747         NYS Office of Children and Family Services       93.659         244,319       5,045,150         SUNY at Stony Brook       93.667       C001402        63,412        5,045,150         SUNY at Stony Brook       93.667       C025453        46,578        46,578         NYS Office of Children and Family Services       93.667        95,612        5,042,150         NYS Office of Children and Family Services       93.667         63,412          SUNY at Stony Brook       93.667				_		
NYS Office of Children and Family Services       93.659       C002120        190.817         SUNY at Stony Brook       93.659        2,663         SUNY at Stony Brook       93.659        32,133         NYS Office of Children and Family Services       93.659        207,270         NYS Office of Children and Family Services       93.659        689,510         NYS Office of Children and Family Services       93.659        483,747         NYS Office of Children and Family Services       93.659        483,747         NYS Office of Children and Family Services       93.667       C001402       -       63,412         SUNY at Stony Brook       93.667       C025453        46,578         NYS Office of Children and Family Services       93.667        95.612         SUNY at Stony Brook       93.667        46,578         NYS Office of Children and Family Services       93.667        95.612			C025709	_		
SUNY at Stony Brook       93.659       —       2,663         SUNY at Stony Brook       93.659       —       32.133         NYS Office of Children and Family Services       93.659       C001003       —       207,270         NYS Office of Children and Family Services       93.659       —       —       689,510         NYS Office of Children and Family Services       93.659       —       —       689,510         NYS Office of Children and Family Services       93.659       —       —       244,319       5,045,150         SUNY at Stony Brook       93.667       C001402       —       63.412       5045,150         SUNY at Stony Brook       93.667       C0025453       —       46,578         NYS Office of Children and Family Services       93.667       —       955,612         NYS Office of Children and Family Services       93.667       —       955,612		93.659		_		
NYS Office of Children and Family Services         93.659         C001003          207.270           NYS Office of Children and Family Services         93.659          689.510           NYS Office of Children and Family Services         93.659          483,747           NYS Office of Children and Family Services         93.659          244,319         5,045,150           SUNY at Stony Brook         93.667         C001402          63.412           SUNY at Stony Brook         93.667         C0025453          46.578           NYS Office of Children and Family Services         93.667          95.612           NYS Office of Children and Family Services         93.667          327.30	SUNY at Stony Brook	93.659	—		2,663	
NYS Office of Children and Family Services         93.659         —         —         689,510           NYS Office of Children and Family Services         93.659         —         —         483,747           NYS Office of Children and Family Services         93.659         —         —         483,747           SUNY at Stony Brook         93.667         C001402         —         63,412           SUNY at Stony Brook         93.667         C025453         —         46,578           NYS Office of Children and Family Services         93.667         —         955,612           NYS Office of Children and Family Services         93.667         —         327,330				-		
NYS Office of Children and Family Services         93.659         —         —         483.747           NYS Office of Children and Family Services         93.659         —         —         244.319         5,045,150           SUNY at Stony Brook         93.667         C001402         —         63,412           SUNY at Stony Brook         93.667         C025453         —         46,578           NYS Office of Children and Family Services         93.667         —         955,612           NYS Office of Children and Family Services         93.667         —         327,330			C001003	—		
NYS Office of Children and Family Services         93.659         —         244.919         5,045,150           SUNY at Stong Brook         93.667         C001402         —         63.412           SUNY at Stong Brook         93.667         C001402         —         64.578           NYS Office of Children and Family Services         93.667         —         —         46.578           NYS Office of Children and Family Services         93.667         —         —         955.612			—	—		
SUNY at Stony Brook         93.667         C001402         —         63.412           SUNY at Stony Brook         93.667         C025433         —         46.578           NYS Office of Children and Family Services         93.667         —         —         955.612           NYS Office of Children and Family Services         93.667         —         —         955.612				_	244.319	5,045.150
SUNY at Stony Brook         93.667         C025453         —         46.578           NYS Office of Children and Family Services         93.667         —         —         95.612           NYS Office of Children and Family Services         93.667         —         —         95.612			C001402	_		-,- 10,100
NYS Office of Children and Family Services93.667——955.612NYS Office of Children and Family Services93.667——327.330	SUNY at Stony Brook	93.667		_	46,578	
	NYS Office of Children and Family Services		—	—	955,612	
N 15 Office of University Services $95.007$ — $-16,170$			—	—		
	IN I S Office of Unildren and Family Services	93.667	—	_	16,170	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditures
Department of Health and Human Services (Continued);					
NYS Office of Children and Family Services	93.667	_	\$ —	81,134	
NYS Office of Children and Family Services	93.667	—	-	81,714	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667		_	23,180 6,922	
NYS Office of Children and Family Services	93.667	_	_	9,558	
NYS Office of Children and Family Services	93.667	_	_	63,661	
NYS Office of Children and Family Services	93.667	—	_	145,693	
NYS Office of Children and Family Services	93.667		—	8,972	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667	C002143	_	103,255 804,079	
NYS Office of Children and Family Services	93.667	_	_	237,782	
NYS Office of Children and Family Services	93.667	_	_	47,928	
NYS Office of Children and Family Services	93.667	—	-	15,504	
NYS Office of Children and Family Services	93.667	—	-	68,501	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667	—	—	10,254 73,330	
NYS Office of Children and Family Services	93.667		_	416	
NYS Office of Children and Family Services	93.667	C002138	_	67,816	
NYS Office of Children and Family Services	93.667	C002140	—	196,641	
NYS Office of Children and Family Services	93.667	—	-	18,935	
NYS Office of Children and Family Services	93.667	—	-	6,025	
NYS Office of Children and Family Services	93.667	—	—	8,575 48,975	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667		_	2,390	
NYS Office of Children and Family Services	93.667	C002133	_	62,046	
NYS Office of Children and Family Services	93.667	C0021155 C002118	_	6,049	
SUNY at Stony Brook	93.667	C025710	—	53,580	
SUNY at Stony Brook	93.667	C025709	—	43,153	
NYS Office of Children and Family Services	93.667	C002120	-	245,587	
SUNY at Stony Brook	93.667	—	_	5,975	
SUNY at Stony Brook NYS Office of Children and Family Services	93.667 93.667	C001006		34,604 86,446	
NYS Office of Children and Family Services	93.667	C001005		74,327	
NYS Office of Children and Family Services	93.667	_	_	(31,265)	
NYS Office of Children and Family Services	93.667	C001008	_	294,504	
NYS Office of Children and Family Services	93.667	C001013	—	244,856	
NYS Office of Children and Family Services	93.667	C001018	_	680,122	
NYS Office of Children and Family Services	93.667	C001007	—	268,688	
NYS Office of Children and Family Services	93.667	C001029	-	761,251	
NYS Office of Children and Family Services	93.667 93.667		_	51,598 142,942	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667	C002122 C002125	—	91,791	
NYS Office of Children and Family Services	93.667	C002125 C002135	_	14,536	
NYS Office of Children and Family Services	93.667		_	587,228	
NYS Office of Children and Family Services	93.667	_	_	140,115	
NYS Office of Children and Family Services	93.667	C002136	—	101,291	
NYS Office of Children and Family Services	93.667	C000540	—	(1)	
NYS Office of Children and Family Services	93.667	C000774	—	(1)	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667	C000772 C000886		(49) 2,378	
NYS Office of Children and Family Services	93.667	C000910	_	21,957	
NYS Office of Children and Family Services	93.667	C000898	_	83,200	
NYS Office of Children and Family Services	93.667	C000905	_	49,113	
NYS Office of Children and Family Services	93.667	C000908	_	26,104	
NYS Office of Children and Family Services	93.667	C000907	—	(425)	
NYS Office of Children and Family Services	93.667	C000995	—	23,141	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.667 93.667	C000996 C000994	_	1,030,375 470,335	
NYS Office of Children and Family Services	93.667	C001012	_	836,888	
NYS Office of Children and Family Services	93.667	C000981	_	1,129,386	
NYS Office of Temporary and Disability Assistance	93.667	C000976	_	539,791	
NYS Office of Temporary and Disability Assistance	93.667	C000866	_	(62,167)	
NYS Office of Temporary and Disability Assistance	93.667	C000678	-	(20)	
NYS Office of Temporary and Disability Assistance	93.667	C000553	-	(3,944)	
NYS Office of Temporary and Disability Assistance NYS Office of Temporary and Disability Assistance	93.667 93.667	C000178 C000196		11,031 626,125	
NYS Office of Temporary and Disability Assistance	93.667	C000196	_	(2) 201	
NYS Office of Temporary and Disability Assistance	93.667		_	4,429	
Herkimer County Department of Social Services	93.667	_	_	91,178	
Herkimer County Department of Social Services	93.667	_	_	95,315	
Erie County Department of Social Services	93.667	ED1907	_	41,556	
Erie County Department of Social Services	93.667	ED1906	-	65,317	
Erie County Department of Social Services	93.667	ED2202	—	311,850	
Erie County Department of Social Services	93.667	ED2201	—	214,500	
Ontario County Department of Social Services Ontario County Department of Social Services	93.667 93.667		—	27,031 22,766	
Otsego County Department of Social Services	93.667		_	48,671	
Otsego County Department of Social Services	93.667	_	_	30,401	
Rockland County Department of Social Services	93.667	_	_	7,881	
Rockland County Department of Social Services	93.667	—	_	18,763	13,325,962
NYS Department of Health	93.767	—	—	1,255,546	
NYS Department of Health	93.767	—	—	756,653	2,012,199
NYS Office of Children and Family Services	93.778	—	—	14,440	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778	—	—	26,377 7,384	
NYS Office of Children and Family Services	93.778		_	14,988	
		_	_	1,157	
NYS Office of Children and Family Services	93.778				
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778	_		3,186	
NYS Office of Children and Family Services NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778	—	_	99	
NYS Office of Children and Family Services NYS Office of Children and Family Services NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778 93.778			99 11,540	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778 93.778 93.778 93.778			99 11,540 12,829	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778 93.778 93.778 93.778 93.778	  C025572		99 11,540 12,829 6,354	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778 93.778 93.778 93.778 93.778			99 11,540 12,829	

Schedule of Expenditures of Federal Awards

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
epartment of Health and Human Services (Continued):					
NYS Office of Children and Family Services	93.778	—	\$ —	23,208	
NYS Office of Children and Family Services	93.778	—	_	4,244	
NYS Office of Children and Family Services	93.778	—	—	13,450	
NYS Office of Children and Family Services NYS Office of Children and Family Services	93.778	—	—	1,888 945	
NYS Office of Children and Family Services	93.778 93.778	—		2,722	
NYS Office of Children and Family Services	93.778	_		2,722	
NYS Office of Children and Family Services	93.778	_	_	10,044	
NYS Office of Children and Family Services	93.778	_	_	11,510	
NYS Office of Children and Family Services	93.778	C002148	_	1,813	
NYS Office of Children and Family Services	93.778	C025572	_	5,887	
NYS Department of Health	93.778	C022160	—	(31,286)	
NYS Department of Health	93.778	C022160	—	(31,533)	
NYS Department of Health	93.778	—	—	1,731,191	
NYS Department of Health	93.778	_	_	1,619,319	
NYS Department of Health	93.778	—	—	319,254	
NYS Department of Health	93.778	—	—	367,284	
NYS Department of Health	93.778	—	—	157,485 1,029,627	
NYS Department of Health NYS Department of Health	93.778 93.778			154,354	
NYS Department of Health	93.778			6,797,101	
NYS Department of Health	93.778	—	—	924,201	
NYS Department of Health	93.778	_	_	3,228,965	
NYS Department of Health	93.778		_	486,446	
NYS Department of Health	93.778	_	_	366,658	
NYS Department of Health	93.778	_	_	180,315	
NYS Department of Health	93.778	_	_	657	
NYS Department of Health	93.778	—	_	1,482,567	
NYS Department of Health	93.778	_	_	(43)	
NYS Department of Health	93.778	_	_	1,088	
NYS Department of Health	93.778	_	_	10,051	
NYS Department of Health	93.778	_	_	2,220	
NYS Office of Children and Family Services	93.778	—		140,413	
NYS Office of Children and Family Services	93.778	—	—	158,690	19,300,2
NYS Department of Social Services	93.779	01687970		426,135	
NYS Office of Mental Retardation & Dev Dis	93.779	_	_	289,070	715,2
NYS Department of Health	93.791	_	_	166,146	166,
Basic/Core Area Health Education Centers	93.824	—	678,497	—	
Basic/Core Area Health Education Centers	93.824	—	839,664	—	1,518,
Cardiovascular Diseases Research	93.837	—	270,221	_	270,2
Lung Diseases Research	93.838	—	120,160	_	120,
Arthritis, Musculoskeletal and Skin Diseases Research	93.846	—	30,090	-	30,0
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	—	25,778	_	
Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	—	6,978	_	
Diabetes, Digestive, and Kidney Diseases Extramural Research Diabetes, Digestive, and Kidney Diseases Extramural Research	93.847	—	244,308	_	204
	93.847 93.848	—	27,207	_	304,
Digestive Diseases and Nutrition Research		—	146,447	_	146,4
Kidney Diseases, Urology and Hematology Research Kidney Diseases, Urology and Hematology Research	93.849	—	228,536	_	216
Extramural Research Programs in the Neurosciences and Neurological	93.849	—	88,019	_	316,
Disorders	93.853		(16,412)		
Extramural Research Programs in the Neurosciences and Neurological	95.855	—	(10,412)	_	
Disorders	93.853	_	25,080	_	
Extramural Research Programs in the Neurosciences and Neurological	221022		20,000	_	
Disorders	93.853	_	10,676	_	19,
Allergy, Immunology and Transplantation Research	93.855	_	119,576	_	
Allergy, Immunology and Transplantation Research	93.855	_	24,119	_	143,
Biomedical Research and Research Training	93.859	_	43,033	_	
Biomedical Research and Research Training	93.859	_	129,992	_	
Biomedical Research and Research Training	93.859	_	5,796	_	
Biomedical Research and Research Training	93.859	—	107,101	_	
Biomedical Research and Research Training	93.859	—	179,579	_	
Biomedical Research and Research Training	93.859	—	181,483	_	
Biomedical Research and Research Training	93.859	—	112,932	-	
Biomedical Research and Research Training	93.859	—	84,547	-	
Biomedical Research and Research Training	93.859	—	103,666	_	
Biomedical Research and Research Training	93.859	—	5,358	—	
Biomedical Research and Research Training	93.859	—	(21,207)	_	
Biomedical Research and Research Training	93.859	—	3,093	—	
Biomedical Research and Research Training	93.859	_	(586)	_	
Biomedical Research and Research Training	93.859	—	2,773	_	
Biomedical Research and Research Training	93.859	_	(62)	_	
Biomedical Research and Research Training	93.859	_	(37)	—	
Biomedical Research and Research Training	93.859	_	(54)	—	
Biomedical Research and Research Training Biomedical Research and Research Training	93.859 93.859	—	4,283 224,799	_	1,166,4
Child Health and Human Development Extramural Research	93.859	—	55,379	_	1,100,4
Child Health and Human Development Extramural Research	93.865	_	55,379 34,108	_	
University of California at San Francisco	93.865		54,100	459	89,9
Aging Research	93.866		46,169	457	09,
Aging Research	93.866	_	139,825	_	185,9
Vision Research	93.867	_	139,825	_	100,
Vision Research	93.867		38,047	_	
Vision Research	93.867	_	36,269	_	88.
Medical Library Assistance	93.879	_	81,434	_	81,
Grants for Training in Primary Care Medicine and Dentistry	93.884	_	2,617	_	01,
Grants for Training in Primary Care Medicine and Dentistry	93.884		2,629	_	
Grants for Training in Primary Care Medicine and Dentistry	93.884	_	248,733	_	
Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry	93.884	_	170,073	_	
Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry	93.884	_	153,801	_	
Grand for framing in Frinany Care incurcine and Defitistly		—	148,015	_	
Grants for Training in Primary Care Medicine and Dentistry					
Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry	93.884 93.884	_		_	
Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry	93.884 93.884 93.884	_	162,339 530	_	

Schedule of Expenditures of Federal Awards

Year ended June 30, 2009

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number	Direct expenditures	Pass- through expenditures	Total expenditu
epartment of Health and Human Services (Continued):					
Grants for Training in Primary Care Medicine and Dentistry	93.884 93.884	—	\$ 53,375 50,998	_	
Grants for Training in Primary Care Medicine and Dentistry Grants for Training in Primary Care Medicine and Dentistry	93.884		196,766	_	1,262,73
Fund for Public Health in New York	93.889	11607400		23,282	1,202,75
Fund for Public Health in New York	93.889	39707400	—	27,827	
Fund for Public Health in New York	93.889	316074001	-	4,406	
Fund for Public Health in New York	93.889	11707400	—	89,894	
Fund for Public Health in New York Fund for Public Health in New York	93.889 93.889	12707400 31607400	_	831 26,385	
Fund for Public Health in New York	93.889	113074001	_	2,919	
Fund for Public Health in New York	93.889	12607400	_	50,368	
Fund for Public Health in New York	93.889	11307400	_	2,779	
Health Research Inc	93.889	285603	-	204,768	
Health Research Inc	93.889	285703	_	23,345	
Health Research Inc	93.889	285704	-	10,535	
Health Research Inc Health Research Inc	93.889 93.889	285604 334801	_	188,182 32,694	
Health Research Inc	93.889	334802	_	24,003	712,2
United Way of Long Island	93.914	_	_	26,863	,-
United Way of Long Island	93.914	_	_	30,238	
United Way of Long Island	93.914	8725	_	23,387	
United Way of Long Island	93.914	9418 8MAI6	—	10,317	
United Way of Long Island	93.914	8041	—	390,926	
United Way of Long Island	93.914	8724	—	89,146	
United Way of Long Island United Way of Long Island	93.914 93.914	8331 8725	_	84,876 62,659	
United Way of Long Island	93.914	7MAI6	_	1,103	
United Way of Long Island	93.914	7724	_	(260)	
Health Research Inc	93.914	233407	_	77,495	
Health Research Inc	93.914	233406	—	220,168	
Medical and Health Research Association of NYC	93.914	07ESC364A	-	(6,411)	
Public Health Solutions	93.914	00HSC364	—	97,523	
Public Health Solutions	93.914	04OMC364	—	200,746	
Public Health Solutions Public Health Solutions	93.914 93.914	06SCF364 07ESC364A	_	176,753 222,796	
Public Health Solutions	93.914	07ESC364A 00HCS364	_	42,083	
Public Health Solutions	93.914	040MC364	_	71,032	
Public Health Solutions	93.914	06SCF364	_	73,247	1,894,6
Health Research Inc	93.917	15335718	-	173,806	
Health Research Inc	93.917	—	_	26,304	
Health Research Inc	93.917	302103	—	20,259	
Health Research Inc	93.917	H00224106	_	23,118	
Health Research Inc Health Research Inc	93.917 93.917	H00224105 302103	_	100,144 91,950	
Health Research Inc	93.917	353401	_	199,999	
Health Research Inc	93.917	357302	_	28,360	
Health Research Inc	93.917	245405	_	190,745	
Health Research Inc	93.917	347101	_	178,119	
Health Research Inc	93.917	347102	_	18,600	
Health Research Inc	93.917	—	—	9,125	1,060,5
Grants to Provide Outpatient Early Intervention Services with Respect to HIV Disease	02.019		472 471	_	
Grants to Provide Outpatient Early Intervention Services with Respect	93.918	—	473,471	_	
to HIV Disease	93.918	_	668,005	_	
Grants to Provide Outpatient Early Intervention Services with Respect	55.510		000,005		
to HIV Disease	93.918	_	53,843	_	1,195,3
Health Research Inc	93.940	_	·	20,319	
Health Research Inc	93.940	—	-	11,551	
Health Research Inc	93.940	117010	—	173,619	
Health Research Inc	93.940	128308	79 242	186,500	391,9
HIV Demonstration, Research, Public and Professional Education Projects HIV Demonstration, Research, Public and Professional Education Projects	93.941 93.941	—	78,343 57,698	_	136,0
NYS Office of Alcoholism Substance Abuse Services	93.959	C003308	57,098	18,215	130,0
Public Health Traineeships	93.964	_	20,176		20,1
Geriatric Education Centers	93.969	_	74,300	_	_0,
Geriatric Education Centers	93.969	_	357,779	_	
University of Rochester	93.969	414370G	_	54,729	
Clinton County Office for the Aging	93.969	—	—	2,783	
Clinton County Office for the Aging	93.969	4140000	—	480	
University of Rochester University of Rochester	93.969	414069G 414372G	—	5,814 62,915	558,8
University of Rochester Preventive Health Services – Sexually Transmitted Diseases Research,	93.969	414372G	_	02,915	338,8
Demonstrations, and Public Information and Education Grants	93.978	_	121,088	_	121,0
International Research and Research Training	93.989	_	47,070	_	,
International Research and Research Training	93.989	—	498,464	—	
International Research and Research Training	93.989		8,982		
Health Research Inc	93.989	15029201	—	6,830	
Health Research Inc Northwestern University	93.989	15029201	-	18,786	
Northwestern University University of California Berkeley	93.989 93.989	60020829 SA5335 32119	_	11,904 55	
Vniversity of California Berkeley Yale University	93.989	A07147 M04A00002	_	17,735	609,8
NYS Department of Health	93.994	C019081	_	(840)	009,0
NYS Department of Health	93.994	C021664		18,144	
NYS Department of Health	93.994	C019081	_	15,069	
NYS Department of Health	93.994	C020211	_	618,126	
NYS Department of Health	93.994	C021664	-	41,375	
NYS Department of Health	93.994	C020211	—	35,228	
NYN Lionartmant at Haalth	93.994	C019083 C019083	—	21,094	705
NVC Department of Health				47,214	795,4
NYS Department of Health	93.994	015085			
NYS Department of Health NYS Department of Health Lourdes Hospital	93.995	—	—	20,539	19 6
NYS Department of Health		530640			48,9 186,4

Schedule of Expenditures of Federal Awards

Year ended June 30, 2009

Federal grantor/pass-through grantor or program name	CFDA number	Pass-through number		Direct expenditures	Pass- through expenditures	Total expenditures
Corporation for National and Community Service:						
Retired and Senior Volunteer Program	94.002	_	\$	64,810	_	
Retired and Senior Volunteer Program	94.002	_	+	50,440	_	
Retired and Senior Volunteer Program	94.002	_		2,328	_	
Retired and Senior Volunteer Program	94.002	_		72,442	_	190.020
Foundation for Long Term Care	94.005	_			5,618	
Foundation for Long Term Care	94.005	_		_	1.854	
Daemen College	94.005	_		_	2.000	9.472
NYS Office of Children and Family Services	94.006	C025138		_	5,962	.,
NYS Office of Children and Family Services	94.006	C025138		_	1.233	
NYS Office of Children and Family Services	94.006	C024796		_	(2,427)	
NYS Office of Children and Family Services	94.006	C025606		_	85,193	89,961
NYS Office of Children and Family Services	94.009	_		_	(955)	
NYS Office of Children and Family Services	94.009	C000906		_	250	
NYS Office of Children and Family Services	94.009	C000895		_	(32)	(737)
Total Corporation for National and Community Service	,,		-	190,020	98,696	288,716
Casial Committee A durinistantions			-			
Social Security Administration: NYS Office of Children and Family Services	96.001				1,550	
NYS Office of Children and Family Services	96.001	—		_	1,330	
		—		_	1,210	
NYS Office of Children and Family Services NYS Office of Children and Family Services	96.001 96.001	—		_	988	
		C002148		_	1,169	
NYS Office of Children and Family Services NYS Office of Children and Family Services	96.001			_	295.040	
NYS Office of Temporary and Disability Assistance	96.001 96.001	C002142 C000982		_	295,040 47.041	
		C000982 C002102		_		389,200
NYS Office of Temporary and Disability Assistance Total Social Security Administration	96.001	C002102	-		40,811 389,200	389,200
2			-		389,200	389,200
Department of Homeland Security:						
National District Attorneys Association	97.068	-		_	30,668	30,668
Degrees at a Distance Program	97.103	—		9,547	_	
Degrees at a Distance Program	97.103	—	-	3,900		13,447
Total Department of Homeland Security			-	13,447	30,668	44,115
Agency for International Development:	00.001			4 202 002		
USAID Foreign Assistance for Programs Overseas	98.001	_		4,382,093	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		3,666,150	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		1,188,755	_	
USAID Foreign Assistance for Programs Overseas	98.001	—		2,388,679	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		1,189,010	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		226,582	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		743,269	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		102,784		
USAID Foreign Assistance for Programs Overseas	98.001	—		1,659,590	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		107,339	_	
USAID Foreign Assistance for Programs Overseas	98.001	_		505,916	_	
USAID Foreign Assistance for Programs Overseas	98.001 98.001	—		120,797	_	
USAID Foreign Assistance for Programs Overseas				205,298		
ARD Inc	98.001	1693000HAITITELGSUNY001		_	80	
American Council on Education	98.001	21250202000		_	215,030	
Asia Foundation	98.001	31350203000		_	357	
Chemonics International Incorporated	98.001			_	67,118	
Chemonics International Incorporated	98.001	DFDI0005002190005217SUNY		_	6,548	16 064 752
East-West Management Institute Incorporated	98.001	—	-		189,357	16,964,752
Total Agency for International Development			-	16,486,262	478,490	16,964,752
Total Other Programs			- -	77,740,652	127,619,612	205,360,264
Total Expenditures of Federal Awards			\$	339,788,709	169,522,396	509,311,105

See accompanying notes to schedule of expenditures of federal awards.

Notes to Schedule of Expenditures of Federal Awards

June 30, 2009

#### (1) **Basis of Presentation**

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 of State University of New York (the RF) an entity defined in the financial statements.

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 of Expenditures of Federal Awards 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 CFDA number, as indicated on the schedule. CFDA and pass-through numbers are presented where available. Except for awards under the American Recovery and Reinvestment Act, direct research and development awards are displayed in the Schedule in the aggregate by their federal agency subdivision.

#### (2) Matching Costs

Matching costs, i.e., the nonfederal share of program costs, are not included in the accompanying Schedule.

#### (3) Relationship to Federal Financial Reports

The regulations and guidelines governing preparation of federal financial reports do not match the accounting principles used by the RF to present amounts in the Schedule. Accordingly, the amounts reported in the federal financial reports do not necessarily agree with the amounts reported in the accompanying Schedule which is prepared on the basis, as explained in note 1.

#### (4) Direct and Indirect Federal Award Expenditures

Federal award expenditures consist of direct and indirect costs which are commonly referred to as facilities and administrative (F&A) costs. Direct costs are those that can be easily identified with an individual federally sponsored project. The salary of a principal investigator of a sponsored research project and the materials consumed by the project are examples of direct costs.

Unlike direct costs, indirect costs cannot be easily identified with an individual federally sponsored project. Indirect costs are the costs of services and resources that benefit both sponsored and nonsponsored projects and activities. Indirect costs consist of expenses incurred for administration, library, plant maintenance, and building and equipment depreciation.

The RF and federal agencies use an indirect cost rate to charge indirect costs to individual federally sponsored projects. The rate is a result of a number of complex cost allocation procedures that the RF uses to allocate its indirect costs to both sponsored and nonsponsored activities. Rates are negotiated with and approved by the RF's cognizant audit agency, the U.S. Department of Health and Human Services.

Notes to Schedule of Expenditures of Federal Awards

June 30, 2009

Indirect cost charges to federal awards for the year ended June 30, 2009 were as follows:

Research and development Other	\$ 83,024,751 23,889,711
Total	\$ 106,914,462

#### (5) Clusters of Programs

Part 5 of the OMB Circular A-133 Compliance Supplement identifies those programs that are considered to be clusters of programs as defined by OMB Circular A-133 (§\_\_\_\_.105). A cluster of programs means Federal programs with different CFDA numbers that are defined as a cluster of programs because they are closely related programs that share common compliance requirements. In addition to the Research and Development Cluster identified in the Schedule of Expenditures of Federal Awards the RF had the following additional clusters:

	-	Program expenditures
SNAP Cluster:		
Supplemental Nutrition Assistance Program (10.551) State Administrative Matching Grants for the Supplemental Nutrition	\$	7,853,653
Assistance Program (10.561)	-	108,220
Total SNAP Cluster	\$	7,961,873
Public Works and Economic Development Cluster:		
Investments for Public Works and Economic Development Facilities (11.300)	\$	180,759
Total Public Works and Economic Development Cluster	\$	180,759
Workforce Investment Act (WIA) Cluster: WIA Adult Program (17.258) WIA Youth Activities (17.259) WIA Dislocated Workers (17.260)	\$	291,616 92,834 6,426
Total WIA Cluster	\$	390,876
Highway Safety Cluster: State and Community Highway Safety (20.600) Occupant Protection Incentive Grants (20.602)	\$	1,497,529 23,829
Total Highway Safety Cluster	\$	1,521,358
Special Education Cluster: Special Education – Grants to States (84.027) Special Education – Preschool Grants (84.173)	\$	806,768 40,690
Total Special Education Cluster	\$	847,458

Notes to Schedule of Expenditures of Federal Awards

	-	Program expenditures
TRIO Cluster:		
TRIO – Student Support Services (84.042)	\$	2,911,462
TRIO – Talent Search (84.044)		1,552,563
TRIO – Upward Bound (84.047)		3,794,301
TRIO – McNair Post-Baccalaureate Achievement (84.217)	_	1,208,878
Total TRIO Cluster	\$	9,467,204
Aging Cluster:		
Special Programs for the Aging – Title III, Part B – Grants for Supportive		
Services and Senior Centers (93.044)	\$	7,034
Total Aging Cluster	\$	7,034
Child Care Cluster:	-	
Child Care and Development Block Grant (93.575)	\$	4,082,713
Child Care Mandatory and Matching Funds of the Child Care and	+	.,,
Development Fund (93.596)		14,499,695
Total Child Care Cluster	\$	18,582,408
	Ψ	10,502,100
Medicaid Cluster:	¢	10 000 001
Medical Assistance Program (93.778)	\$	19,300,294
Total Medicaid Cluster	\$	19,300,294
Disability Insurance/SSI Cluster:		
Social Security – Disability Insurance (96.001)	\$	389,200
Total Disability Insurance/SSI Cluster	\$	389,200
	-	

Notes to Schedule of Expenditures of Federal Awards

June 30, 2009

## (6) Subrecipients

Of the federal expenditures presented in the schedule, the RF provided the federal awards to subrecipients as follows (for both Research and Development and Other Programs) for the year ended June 30, 2009:

Program title	Federal CFDA number		Research and development	Other programs
	11.417	- \$	909,772	programs
Sea Grant Support Special Oceanic and Atmospheric Projects	11.417	Ф	7,394	
Coastal Services Center	11.400		49,426	
Center for Sponsored Coastal Ocean	11.475		49,420	
Research Coastal Ocean Program	11.478		193,491	
Measurement and Engineering Research	11.7/0		175,771	
and Standards	11.609		318,819	
Department of Defense	12.000		372,174	
Collaborative Research and Development	12.114		125,472	
Basic and Applied Scientific Research	12.300		134,481	
Military Medical Research and Development	12.420		13,971	327,627
Basic Scientific Research	12.431		194,040	
Air Force Defense Research			- )	
Sciences Program	12.800		143,526	
Central Intelligence Agency	13.000		89,155	
Community Development Block			,	
Grants/Brownfields Economic				
Development Initiative	14.246			7,500
Lead Outreach Grants	14.904		—	39,406
Department of the Interior	15.000		9,677	
U.S. Geological Survey Research and				
Data Collection	15.808		26,676	
Cooperative Research Units Program	15.812		4,995	
National Institute of Justice Research,				
Evaluation, and Development				
Project Grants	16.560		38,815	
WIA Adult Program	17.258		15,000	158,353
Occupational Safety and Health –				
Susan Harwood Training Grants	17.502		—	49,319
Department of Transportation Federal	• • • • • •		25.014	
Aviation Administration (FAA)	20.000		35,814	
State and Community Highway Safety	20.600		67,492	—
National Aeronautics and Space	12 000		02.054	
Administration	43.000		93,954	—

## Notes to Schedule of Expenditures of Federal Awards

Program title	Federal CFDA number		Research and development	Other programs
Aerospace Education Services Program	43.001	- \$	57,375	
Engineering Grants	47.041	Ψ	449,467	
Mathematical and Physical Sciences	47.049		37,333	
Geosciences	47.050		1,330,497	(1,779)
Computer and Information Science and	17.020		1,550,157	(1,77)
Engineering	47.070		334,811	86,169
Biological Sciences	47.074		293,574	
Social, Behavioral, and Economic Sciences	47.075		(1,805)	_
Education and Human Resources	47.076		152,348	98,750
International Science and Engineering (OISE)	47.079		187,627	
Small Business Development Center	59.037			2,893,643
Surveys, Studies, Research, Investigations,	09.001			2,000,010
Demonstrations, and Special Purpose				
Activities Relating to the Clean Air Act	66.034		199,088	
Water Quality Cooperative Agreements	66.463		64,280	
Great Lakes Program	66.469		7,092	
Science To Achieve Results (STAR)	001103		,,,,=	
Research Program	66.509		17,866	
Surveys, Studies, Investigations and	00.009		17,000	
Special Purpose Grants	66.606		75,267	
Pollution Prevention Grants Program	66.708			63,919
Department of Energy	81.000			77,512
Office of Science Financial Assistance				
Program	81.049		1,320,181	_
Renewable Energy Research and			, ,	
Development	81.087		382,545	_
Stewardship Science Grant Program	81.112		67,780	_
Energy Efficiency and Renewable Energy			,	
Information Dissemination, Outreach,				
Training and Technical				
Analysis/Assistance	81.117		17,500	_
Migrant Education State Grant Program	84.011			22,996
Fund for the Improvement of				·
Postsecondary Education	84.116		—	21,583
National Institute on Disability and				
Rehabilitation Research	84.133		648,313	
Safe and Drug-Free Schools and				
Communities National Programs	84.184		2,569	—
Education Research, Development				
and Dissemination	84.305		440,486	
Research in Special Education	84.324		216,987	

## Notes to Schedule of Expenditures of Federal Awards

Program title	Federal CFDA number		Research and development	Other
	number	-	uevelopment	programs
Gaining Early Awareness and Readiness				
for Undergraduate Programs	84.334	\$		38,916
Improving Teacher Quality State Grants	84.367			93,687
Department of Health and Human Services	93.000		257,875	14,656
Environmental Health	93.113		190,790	—
Oral Diseases and Disorders Research	93.121		493,365	—
Grants to Increase Organ Donations	93.134		129,945	—
Centers for Research and Demonstration				
for Health Promotion and Disease				
Prevention	93.135		23,084	_
Coordinated Services and Access to				
Research for Women, Infants, Children,				
and Youth	93.153		633,779	—
Human Genome Research	93.172		223,919	—
Research Related to Deafness and				
Communication Disorders	93.173		387,989	
Research on Healthcare Costs, Quality				
and Outcomes	93.226		43,864	—
National Center on Sleep Disorders				
Research	93.233		65,721	—
Mental Health Research Grants	93.242		1,021,463	—
Substance Abuse and Mental Health				
Services Projects of Regional and				
National Significance	93.243		—	12,000
Occupational Safety and Health Program	93.262		89,226	259,939
Alcohol Research Programs	93.273		5,254,721	—
Drug Abuse Research Programs	93.279		576,758	
Centers for Disease Control and Prevention				
Investigations and Technical Assistance	93.283		—	14,036
Discovery and Applied Research for				
Technological Innovations to Improve				
Human Health	93.286		41,692	—
Trans-NIH Research Support	93.310		45,166	—
Nursing Research	93.361		7,202	—
National Center for Research Resources	93.389		504,269	—
Cancer Cause and Prevention Research	93.393		694,645	
Cancer Detection and Diagnosis Research	93.394		113,019	
Cancer Treatment Research	93.395		244,440	
Cancer Biology Research	93.396		72,400	
Cancer Control	93.399		124,999	—

## Notes to Schedule of Expenditures of Federal Awards

Program title	Federal CFDA number		Research and development	Other programs
		-	ueverspinent	
Temporary Assistance for Needy Families	93.558	\$		2,394,713
Child Care and Development Block Grant	93.575			3,821,981
Child Care Mandatory and Matching Funds	00.506			
of the Child Care and Development Fund	93.596			250,000
Child Welfare Services Training Grants	93.648			541,737
Adoption Assistance	93.659			193,141
Social Services Block Grant	93.667			25,000
Medical Assistance Program	93.778			218,069
Basic/Core Area Health Education Centers	93.824			1,242,583
Heart and Vascular Diseases Research	93.837		321,836	
Blood Diseases and Resources Research	93.839		85,443	—
Arthritis, Musculoskeletal and Skin				
Diseases Research	93.846		679,329	—
Diabetes, Endocrinology and	00.045		45 101	
Metabolism Research	93.847		47,131	—
Digestive Diseases and Nutrition Research	93.848		205,160	—
Kidney Diseases, Urology and			<b>a</b> ( <b>a</b> a) <b>-</b>	
Hematology Research	93.849		363,917	—
Extramural Research Programs in the				
Neurosciences and Neurological Disorders	93.853		219,673	—
Allergy, Immunology and Transplantation				
Research	93.855		317,653	—
Microbiology and Infectious Diseases			<b>AF</b> (1) (	
Research	93.856		25,616	
Biomedical Research and Research	00.050		100 110	=1.000
Training	93.859		402,112	71,889
Child Health and Human Development	<b></b>			
Extramural Research	93.865		240,731	—
Aging Research	93.866		241,835	—
Vision Research	93.867		255,042	—
Grants for Training in Primary Care				40.000
Medicine and Dentistry	93.884		—	40,000
HIV Emergency Relief Project Grants	93.914		_	292,612
HIV Demonstration, Research, Public and	00.041			(1.0.1.5
Professional Education Projects	93.941		—	61,045
Geriatric Education Centers	93.969		—	32,836
International Research and Research			0.640	
Training	93.989		8,640	52,791
Maternal and Child Health Services Block	<b>62</b> 66 <i>i</i>			000 444
Grant to the States	93.994		—	398,466

Notes to Schedule of Expenditures of Federal Awards

	Federal CFDA number		Research and development	Other programs
Homeland Security Preparedness Technical Assistance Program USAID Foreign Assistance for	97.077	\$	152,383	_
Programs Overseas	98.001	_		2,411,670
Total amount provided to subrecipients		\$	23,952,157	16,326,765



**KPMG LLP** 515 Broadway Albany, NY 12207

## 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 of State University of New York:

We have audited the financial statements of The Research Foundation of State University of New York (the RF) as of and for the year ended June 30, 2009, and have issued our report thereon dated August 25, 2009. We conducted our audit 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.

#### **Internal Control over Financial Reporting**

In planning and performing our audit, we considered the RF's internal control over financial reporting as a basis for designing our auditing procedures 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 over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the RF's internal control over financial reporting.

A deficiency in internal control over financial reporting 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 over financial reporting, 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.

Our consideration of internal control over financial reporting 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 financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.



#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the RF's financial statements are free of 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*.

We noted certain matters that we reported to the RF in a separate letter dated August 25, 2009.

This report is intended solely for the information and use of the Board of Directors and management, federal agencies, and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

KPMG LIP

August 25, 2009



**KPMG LLP** 515 Broadway Albany, NY 12207

### Report on Compliance with Requirements Applicable to Each Major Program and on Internal Control over Compliance in Accordance with OMB Circular A-133

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

## Compliance

We have audited the compliance of The Research Foundation of State University of New York (the RF) with the types of compliance requirements described in the U.S. Office of Management and Budget (OMB) *Circular A-133 Compliance Supplement* that are applicable to its major federal programs for the year ended June 30, 2009, except for the Medical Assistance Program (CFDA No. 93.778). We were engaged to audit the compliance of the Medical Assistance program (CFDA No. 93. 778). The RF's major federal programs are identified in the summary of auditors' results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to its major federal programs is the responsibility of the RF's management. Our responsibility is to express an opinion on the RF's compliance based on our audit except for the Medical Assistance Program (CFDA No. 93.778).

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 OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 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 consider necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination on the RF's compliance with those requirements.

As described in item 2009-01 in the accompanying schedule of findings and questioned costs, because of the lack of information regarding the federal investigation of the PERM/MEQC program contained in the RF's Medical Assistance Program (CFDA No. 93.778), the scope of our work was not sufficient to enable us to express and, we do not express, an opinion on the RF's compliance with the requirements referred to above that are applicable to this major federal program.

In our opinion, the RF complied, in all material respects, with the requirements referred to above that are applicable to its other major federal programs for the year ended June 30, 2009. However, the results of our auditing procedures disclosed instances of noncompliance with those requirements, which are required to be reported in accordance with OMB Circular A-133 and which are described in the accompanying schedule of findings and questioned costs as items 2009-02 and 2009-03.



#### **Internal Control over Compliance**

The management of the RF is responsible for establishing and maintaining effective internal control over compliance with requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered the RF's internal control over compliance with requirements that could have a direct and material effect on a major federal program in order to determine our auditing procedures for the purpose of expressing our opinion on compliance, 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 control deficiency in an entity's internal control over compliance 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 noncompliance with a type of compliance requirement of a federal program on a timely basis. A significant deficiency is a control deficiency, or combination of control deficiencies, that adversely affects the entity's ability to administer a federal program such that there is more than a remote likelihood that noncompliance with a type of compliance requirement of a federal program that is more than inconsequential will not be prevented or detected by the entity's internal control.

A material weakness is a significant deficiency, or combination of significant deficiencies, that results in more than a remote likelihood that material noncompliance with a type of compliance requirement of a federal program will not be prevented or detected by the entity's internal control.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and would not necessarily identify all deficiencies in the entity's internal control that might be significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

The RF's responses to the findings identified in our audit are described in the accompanying schedule of findings and questioned costs. We did not audit the RF's responses and, accordingly, we express no opinion on them.

This report is intended solely for the information of the Board of Directors and management of the RF, federal awarding agencies and pass-through entities and is not intended to be and should not be used by anyone other than these specified parties.

KPMG LIP

March 16, 2010

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

#### (1) Summary of Auditors' Results

#### **Financial Statements**

- a) An unqualified opinion based on our audit was issued on the financial statements of the Research Foundation of State University of New York (the RF) as of and for the year ended June 30, 2009.
- b) The audit reported no significant deficiencies or material weaknesses in connection with the financial statements of the RF as of and for the year ended June 30, 2009.
- c) The audit reported no instances of noncompliance which are material to the basic financial statements of the RF as of and for the year ended June 30, 2009.

#### Single Audit

- d) The audit reported no significant deficiencies or material weaknesses in connection with the major federal programs of the RF for the year ended June 30, 2009.
- e) An unqualified opinion was issued on the RF's compliance with each of its major federal programs for the year ended June 30, 2009, except for the Medical Assistance Program for which the opinion was disclaimed.
- f) There are findings which are required to be reported under Section 510(a) of OMB Circular A-133 for the year ended June 30, 2009.
- g) The dollar threshold to determine Type A programs was \$3 million. The major federal programs of the RF for the year ended June 30, 2009 are as follows:

Name of federal program	CFDA number
Research and Development Cluster	Various
Education and Human Resources	47.076
Migrant Education – State Grant Program	84.011
Trio Cluster	84.042/84.044/84.047/84.217
Occupational Safety and Health Program	93.262
Temporary Assistance for Needy Families	93.558
Child Support Enforcement	93.563
Child Care Cluster	93.575/93.596
Adoption Assistance	93.659
Social Services Block Grant	93.667
Medical Assistance Program	93.778

h) The RF is considered to be a low risk auditee for the year ended June 30, 2009.

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

(2) Findings Relating to the Financial Statements Reported in Accordance with *Government Auditing Standards* 

None

(3) Findings and Questioned Costs Relating to Federal Awards

See pages 67 to 73.

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

**Research Foundation of State University of New York** 

Medical Assistance Program (93.778)

State Contract Number:	C-290565	<b>State Contract Period:</b>	Jan. 1, 2009 to Dec. 31, 2009
	C-270469		March 1, 2007 to Dec. 31, 2008

U.S. Department of Health and Human Services

**Responsible campus: Buffalo State College** 

Finding Reference: 2009-01

#### Finding

In July 2009, The Research Foundation for State University of New York (the RF) received a grand jury subpoena related to a sponsored program doing business as The Center for the Development of Human Services (CDHS) at Buffalo State College from the United States Attorney for the Northern District of New York (US Attorney) in connection with a federal investigation into possible violations of various federal criminal laws (Federal Investigation)<sup>1</sup>. The subpoena required the production of all documents related to the Payment Error Rate Measurement (PERM) and Medicaid Eligibility Quality Control (MEQC) projects (PERM/MEQC Projects) sponsored by the New York State Department of Health (NYSDOH) with pass-through funding from the U.S. Department of Health and Human Services (DHHS). In September 2009, another grand jury subpoena for additional records was issued to CDHS (collectively, Subpoenas).

In addition, in October 2009, the RF became aware that eight of its employees working in CDHS had received letters from the US Attorney notifying these employees that they were "targets" of the Federal Investigation.

The RF has stated its belief that the Federal Investigation is centered on allegations that RF employees working on the PERM/MEQC Projects acting on their own and/or at the direction of NYSDOH employees, manipulated data so that the error rate for New York's PERM program was not correctly reported to DHHS. To date, however, the Federal Investigation has not concluded, and the information available to the RF regarding data submitted through these projects to the NYSDOH has been limited. Accordingly, the RF has represented that it cannot conclude as to the existence of any violations of applicable laws or whether any of its employees have been engaged in any wrongdoing.

Because the RF cannot at this time conclude as to the existence of any violations of applicable laws or whether any of its employees have been engaged in any wrongdoing, or to provide further information that provides

<sup>&</sup>lt;sup>1</sup> Originally this subpoena was issued in the name of "CDHS" and not RF SUNY. At the request of RF SUNY the US Attorney issued a new subpoena in the name of The Research Foundation of State University of New York on September 1, 2009 and received on September 2, 2009.

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

clarity to KPMG regarding events at issue in the Federal Investigation of the PERM/MEQC Project contained in the RF Medical Assistance Program – CFDA No. 93.778, we cannot express an opinion on the RF's compliance.

#### Views of Responsible Officials and Corrective Actions

The position of RF management is that the above finding is related to subpoenas concerning alleged improper programmatic actions at one sponsored program located at one of the RF's multiple locations. Management's position is that this matter is isolated and that it does not, at this time, appear to create material liability and will not have repercussions on the RF's continued ability to fully comply with federal regulations governing sponsored programs.

Contact: Sherry Holland, Senior Vice President and General Counsel

**Implementation Date:** Not applicable

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

The Research Foundation of State University of New York

**Research and Development Cluster (Various CFDA numbers)** 

**Federal Award Number:** Various Award Year: Various **Environmental Protection Agency National Aeronautics and Space Administration National Science Foundation U.S. Department of Agriculture U.S. Department of Commerce U.S. Department of Defense U.S. Department of Education U.S. Department of Energy U.S. Department of Health and Human Services U.S. Department of Housing and Urban Development U.S. Department of Interior U.S. Department of Justice U.S. Department of Transportation Responsible Campus: State University at Buffalo** 

> State University at Stony Brook State University College at Oneonta

Finding Reference: 2009-02

#### Requirement

The recipient's property management standards for equipment acquired with Federal funds and federally-owned equipment shall include all of the following: (1) Equipment records shall be maintained accurately and shall include the following information. (i) A description of the equipment. (ii) Manufacturer's serial number, model number, Federal stock number, national stock number, or other identification number. (iii) Source of the equipment, including the award number. (iv) Whether title vests in the recipient or the Federal Government. (v) Acquisition date (or date received, if the equipment was furnished by the Federal Government) and cost. (vi) Information from which one can calculate the percentage of Federal participation in the cost of the equipment (not applicable to equipment furnished by the Federal Government). (vii) Location and condition of the equipment and the date the information was reported. (viii) Unit acquisition cost. (ix) Ultimate disposition data, including date of disposal and sales price or the method used to determine current fair market value where a recipient compensates the Federal awarding agency for its share. (3) A physical inventory of equipment shall be taken and the results reconciled with the equipment records at least once every two years. Any differences between quantities determined by the physical inspection and those shown in the accounting records shall be

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

investigated to determine the causes of the difference. The recipient shall, in connection with the inventory, verify the existence, current utilization, and continued need for the equipment. (2CFR 215.34 (f) (1) and (3))

#### **Finding and Recommendation**

The Research Foundation of State University of New York (the RF) has established policies and procedures to ensure that equipment purchased and used in Federal programs follows the appropriate Federal regulations. The RF uses a central property control system to manage the equipment records at each of its campus locations.

During our audit procedures related to the RF's compliance with Federal equipment requirements for its research and development programs we noted the following:

- The University at Buffalo Campus had not performed physical inventories once every two years for 11 campus departments receiving Federal research and development funds. Subsequent to our audit procedures and prior to June 30, 2009, these 11 campus departments had completed physical inventories of their equipment and made any necessary adjustments.
- In our sample of ten equipment items used in research and development programs at the University at Stony Brook campus, we noted that two items were not at the location indicated by the property control system.
- In our sample of one equipment item used in research and development programs at the Oneonta campus, we noted that the item had not been placed into the inventory records of the property control system.

We recommend that all campuses of the RF follow its established policies and procedure to ensure compliance.

#### **Questioned Costs**

None.

#### Views of Responsible Officials and Corrective Actions

We agree. The report conclusion, 11 campus departments had not performed physical equipment inventories in the time frame required by Federal policy, and that all 11 units subsequently completed the required inventories, is accurate. This oversight occurred as a result of changes in the management of our Property Control Department. Procedures have been instituted to ensure that annual inventories are completed by all of our campus units as required by campus policy.

The remaining two locations with property exceptions were also the result of oversight. Campus management is sending a reminder to the various research departments of the need to notify property control when property has been moved. In addition, the RF has implemented a system enhancement to ensure all property items are included in their property reconciliation reports which assist campus in monitoring property.

**Contact:** Christopher Wade, Vice President for Finance

**Implementation Date:** April 2010

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

The Research Foundation of State University of New York

Research and Development Cluster (93.859, 12.500, 93.273 and 12.300) Social Services Block Grant (93.667)

Federal Award Number:		Award Year:	May 1, 2006 to June 30, 2009
	N00014021-0836		July 15, 2002 to Jan. 31, 2009
	5R01AA014514-05		Sept. 1, 2003 to Aug. 31, 2009
	5R37AA009922-14		April 10, 2005 to March 31, 2010
	5R01AA016527-02		Sept. 10, 2007 to May 31, 2011
	N000140710869		April 18, 2007 to Nov. 30, 2008

U.S. Department of Defense U.S. Department of Health and Human Services

<b>Responsible Campus:</b>	State University at Albany
	State University at Buffalo
	<b>State University at Stony Brook</b>

Finding Reference: 2009-03

#### Requirement

Compensation for personal services covers all amounts paid currently or accrued by the institution for services of employees rendered during the period of performance under sponsored agreements. Such amounts include salaries, wages, and fringe benefits (see subsection f). These costs are allowable to the extent that the total compensation to individual employees conforms to the established policies of the institution, consistently applied, and provided that the charges for work performed directly on sponsored agreements and for other work allocable as Facility and Administrative (F&A) costs are determined and supported (2CFR 220 Appendix A, Section J Item 10).

#### Finding and Recommendation

The Research Foundation of State University of New York (the RF) has established policies and procedures to ensure that payroll charged to Federal programs is in accordance with Federal requirements.

During our audit procedures related to the RF's compliance with payroll charges and related effort reporting we noted the following:

• In our sample of 120 research and development payroll charges across five campuses, we noted that at the University at Stony Brook campus, one Income Fund Reimbursable (IFR) amount reimbursed from the State University of New York exceeded the amount approved on the IFR appointment/change form by \$876.

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

- In our sample of 120 research and development payroll charges across five campuses, we noted that at the University of Buffalo, time reporting documents were not completed for one payroll charge. This was due to the fact that the employee had moved to a foreign country and the campus was unable to contact the individual to complete the time reporting document.
- In our sample of 120 research and development effort reports across five campuses, we noted that at the University of Buffalo there was inaccurate effort reporting for three individuals. The three employees' time was properly charged to the awards, their effort reports were inaccurately prepared.
- In our sample of 120 research and development effort reports across five campuses we noted that at the University of Albany there was one employee who certified their time to the wrong award. We noted that the employee's time and salary was charged to the correct award.
- In our sample of 30 payroll charges for the Social Services Block Grant Program (93.667) across three campuses, we noted that at the University of Albany the IFR Appointment / Change Form did not include the percentage of effort information for one employee.

We recommend that the RF continue to follow established policies and procedures to ensure compliance.

#### **Questioned Costs**

\$876 (93.859)

#### Views of Responsible Officials and Corrective Actions

We agree. The \$876 charge related to the exception involving the excessive IFR amount was the result of an oversight by the campus regarding the appropriate method to process the transaction. The charge has been removed from the grant.

The report conclusion that one employee terminated from the payroll and moved to a foreign country without submitting the required timesheet, and attempts to contact the employee were not successful, is accurate. Departments (and employees as well at their benefits orientation) are made aware of the fact that final timesheets are necessary by the time an employee actually terminates. This directive is also given whenever a department communicates a termination to Human Resources beforehand. In addition, we send a memo out to the employee and the department when a final timesheet has not been received on a timely basis. This appears to be an isolated incident where the employee moved out of the country shortly after terminating and the department did not attempt to get the final timesheet before the last day of employment. We will continue to reinforce this requirement with our project investigators.

Schedule of Findings and Questioned Costs

Year ended June 30, 2009

The report conclusion that three part-time individuals were properly charged to awards, but inaccurately filled out their effort reports is accurate. All three individuals work in one of our Research Centers and the exceptions resulted from a misunderstanding in the Center of how part-time employees should complete their time sheets. The Center's HR staff has been instructed in the proper way to complete the timesheets and will provide training to all part-time employees going forward.

The campus concurs with the finding that one employee certified time to the wrong award. The individual in question is a nonexempt employee who certifies effort via biweekly timesheets. While the employee mistakenly included the wrong account on the timesheet, the correct account was indicated on the appointment form and in the RF Oracle system. The campus will continue to examine its process to ensure certifications are accurate.

The campus concurs with the finding regarding the IFR/Appointment Change Form not including the percentage of effort information for one employee. While the percent of effort was not listed on the IFR Appointment/Change Form, it was included on the supporting documentation attached to the form. That documentation included a calculation representing the amount to be charged and the corresponding percentage of effort. In the future, we will ensure that the percent of effort is included on the IFR Appointment/Change Forms in addition to the attached supporting documentation.

In December 2009, the RF Central Office implemented a web based training program for Project Directors regarding their effort reporting responsibilities.

Contact: Lynn Manning, Vice President Administration and Human Resources

Implementation Date: Already Implemented

## SUMMARY OF PRIOR YEAR'S FINDINGS AND QUESTIONED COSTS

Prepared by Management of the Research Foundation of State University of New York

(Not Covered by Auditors' Reports)

Summary of Prior Year's Findings and Questioned Costs

Year ended June 30, 2009

#### Finding 08-01 - Reporting

For 19 out of 137 reports tested, required technical reports and/or progress reports were not submitted timely, in accordance with Circular A-110, Section 51. Section 51 states that "the federal awarding agency shall prescribe the frequency with which the performance reports shall be submitted. Except as provided in paragraph 51(f), performance reports shall not be required more frequently than quarterly or, less frequently than annually. Annual reports shall be due 90 calendar days after the grant year; quarterly or semi-annual reports shall be due 30 days after the reporting period. The Federal awarding agency may require annual reports before the anniversary dates of multiple year awards in lieu of these requirements. The final performance reports are due 90 calendar days after the expiration or termination of the award." The delinquencies ranged from 4 days to 86 days, with 1 report not submitted as of the date of our testing.

#### Cause

Program personnel have not always complied in a timely manner with reporting requirements. Some of the *aforementioned* late reports may have been approved informally by the sponsor; however, no such supporting documentation was retained.

#### Effect

The sponsor may not be current with program developments. Furthermore, severe instances of *noncompliance* could lead to changes in future funding levels.

#### Recommendation

The RF has implemented monitoring controls to track report submissions in 2008; however, further reinforcement is recommended. We recommend enhanced monitoring controls be implemented to ensure *compliance* with filing requirements. The RF may consider identifying reports in advance that will be late in order to communicate the rationale to the sponsor and request approval. The RF should retain such correspondence with the sponsor.

#### Status

The Research Foundation (RF) continues to emphasize the importance of monitoring and tracking *technical* and/or progress report submissions utilizing the RF business system.

#### Summary of Prior Year's Findings and Questioned Costs

Year ended June 30, 2009

#### Finding 08-02 - Effort Reporting

The RF internal controls, policies and procedures surrounding payroll and labor distribution are designed to comply with A-21 and A-110. Specifically, Circular A-21, Section J-8(2)(c)(1)(e) states that "At least annually a statement will be signed by the employee, principal investigator, or responsible official(s) using suitable means of verification that the work was performed, stating that salaries and wages charged to sponsored agreements as direct charges, and to residual, F&A cost or other categories are reasonable in relation to work performed." The following exceptions to the RF's internal controls, policies and procedures related to payroll were noted:

a) For 29 out of 360 transactions tested, effort reports were not submitted within the RF's required timeframes. Delinquencies ranged from 3 to 235 days, with an average delinquency of 72 days.

#### Cause

In certain circumstances, some programmatic personnel do not consistently adhere to RF policies and procedures with regard to the timeliness of their related effort certifications.

#### Effect

Timeliness is important to the overall accuracy of the effort certification process. Untimely, effort certifications could lead to inappropriate charges to awards. This could also lead to late cost transfers as charges are adjusted in the system.

#### Recommendation

We recommend that the monitoring and follow-up procedures surrounding effort reporting compliance be enhanced to ensure compliance with RF policy regarding timeliness of submission.

#### Status

The Research Foundation continues to remind Principle Investigators of the importance of timely effort certification.

b) For 10 out of 360 transactions tested, the award time allocation on an employee's effort report did not agree with the allocation noted in the employee assignment change form. In each of these instances, a change in effort took place, which was properly reflected in the labor distribution module. The effort certification, however, was not updated timely to reflect the authorized change in effort, which caused inaccurate effort certifications.

#### Cause

In certain cases, programmatic personnel did not exercise due care when filling out their timesheets. Furthermore, certain campus's sponsored programs offices monitoring controls failed to compare the effort certification to the labor distribution module and therefore did not detect these discrepancies.

#### Effect

Failure of the RF monitoring controls in such instances could lead to inaccurate and inappropriate charges to federal awards.

Summary of Prior Year's Findings and Questioned Costs

Year ended June 30, 2009

#### Recommendation

We recommend that the RF reinforce the importance of reconciling effort certifications to the labor distribution modules to ensure compliance with Federal regulations. In addition, we recommend that the RF re-certify the inaccurate effort certifications noted above.

#### Status

See response to current year finding 2009-03.

c) For 2 of the 360 transactions tested, employees did not certify superseded effort reports.

## Cause

Each of these employees had errors in original effort reports. The reports were subsequently updated; however, the superseded effort reports were not certified.

## Effect

Timeliness is important to the overall accuracy of the effort certification process. Untimely effort certifications could lead to inappropriate charges to awards. This could also lead to late cost transfers as charges are adjusted in the system.

#### Recommendation

We recommend that the monitoring and follow-up procedures surrounding effort reporting compliance be enhanced to ensure compliance with RF policy regarding certification and submission and re-submission of reports.

#### Status

See response to current year finding 2009-03.

## Finding 08-03 - Equipment Inventory

Circular A-110 states that equipment records shall be maintained, a physical inventory of equipment shall be taken at least once every two years and reconciled to the equipment records, an appropriate control system shall be used to safeguard equipment, and equipment shall be adequately maintained. Per our review, the most recent inventory had not been conducted in 2 years for 6 of the 75 departments in total that were tested.

#### Cause

Staff members at this campus were not aware that physical inventories were not performed in the past two years and there exists no monitoring controls for physical inventory of equipment.

## Effect

Outdated equipment records could lead to inaccurate financial reporting and misappropriation of assets.

Summary of Prior Year's Findings and Questioned Costs

Year ended June 30, 2009

#### Recommendation

We recommend that enhanced monitoring procedures be implemented at all campuses in order to ensure that physical inventory observations are performed within the timeframe required by Circular A-110.

#### Status

See response to current year finding 2009-02.

#### Finding 08-04 - Record Retention

In our review of eligibility for CFDA #84.047-TRIO Cluster, at one campus, we noted that files were destroyed for the Math and Science Upward Bound program for the award period January 1, 2003 to October 31, 2007 after the program ended in FY 2008. Federal requirements state that records must be maintained for at least three years and RF policy requires records to be retained for seven years.

#### Cause

The campus destroyed files in good faith as they did not want students' personal information to be compromised.

#### Effect

Without original records, subsequent reviews and audits are challenging. Alternative methods of proving eligibility and participation become necessary.

#### Recommendation

We recommend that the RF enforce their policy and Federal requirements and retain records for at least seven years. As privacy is an important issue, the RF should implement an electronic process for retaining students' records.

#### Status

As previously noted the campus has taken steps to ensure program records in the custody of project directors are properly retained. Campus management held a meeting with all TRIO project directors at the campus. The project directors were reminded of the importance of proper record retention including retaining records for the appropriate period after their award terminates. In addition, campus management has offered to scan and retain documents if space constraints become problematic for project directors.

#### Finding 08-05 - Program Income

OMB Circular A-110, Subpart C.24(b) discusses the proper treatment of program income on research and other awards. In our review of the Research and Development Cluster and the HIV Emergency Relief Project Grants (CFDA #93.914) at one campus, we noted that the RF is not accounting for program income in accordance with federal requirements. We noted 8 out of 14 awards tested at this campus produce program income via patient care related functions conducted at an affiliate hospital that are eligible to be billed to qualified 3rd parties. Any income generated by these programs should be allocated between the RF and the hospital. However, in certain cases, the hospital retains the revenue and therefore, the RF can not quantify the amount of program income that is owed to them.

Summary of Prior Year's Findings and Questioned Costs

Year ended June 30, 2009

#### Cause

The RF has not retro-actively adjusted the allocation of program income to ongoing programs.

## Effect

Errors in program income retention could lead to inaccurate financial reporting.

#### Recommendation

We recommend that the RF enforce their program income policy.

#### Status

Based on review of the HIV/AIDS program annual progress report provided to the Federal Public Health Services by the campus, program income funds and their use to support the HIV/AIDS Program, are being reported to the sponsor. We have recommended to the campus that they ensure appropriate documentation is in place to support both the generation and use of program funds to support the HIV/AIDS Program. For all other programs, the campus has instituted a policy that accounts for program income.

#### Finding 08-06 - Earmarking

Earmarking requirements of the Student Support Services program (CFDA #84.042-TRIO Cluster) requires that not less than one-third of the individuals with disabilities must also be low-income individuals. In testing the Student Support System Program Award at 1 campus, which covers the period of September 1, 2005 to August 31, 2009, out of the 33 disabled students in the student support services program, only 10 also met low-income thresholds.

## Cause

Project Director was not monitoring intake of students to ensure all earmarking requirements were met.

## Effect

The program's funding may not be used as specified by TRIO requirements.

#### Recommendation

We recommend that the RF continuously track student's eligibility requirements in order to ensure all earmarking requirements are met.

#### Status

As previously noted, project staff have developed procedures to monitor the eligibility status of SSS program participants on a more timely basis. It should be noted that there were no eligibility findings cited during the RF FYE 2009 A-133 audit.