MASSACHUSETTS INSTITUTE OF TECHNOLOGY

REPORTS ON THE AUDIT OF FEDERAL FINANCIAL ASSISTANCE PROGRAMS IN ACCORDANCE WITH OMB CIRCULAR A-133

FOR THE YEAR ENDED JUNE 30, 2012

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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For the Year Ended June 30, 2012

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SECTION I

FINANCIAL REPORTS

Report of Independent Auditors

To the Audit Committee of the
Massachusetts Institute of Technology

In our opinion, the accompanying consolidated statement of financial position and the related statement of activities and cash flows present fairly, in all material respects, the financial position of the Massachusetts Institute of Technology (the "Institute") as of June 30, 2012, and the changes in its net assets and its cash flows for the years then ended, in conformity with accounting principles generally accepted in the United States of America. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the Institute's 2011 financial statements, and in our report dated September 15, 2011, we expressed an unqualified opinion on those financial statements. We conducted our audit of these statements 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 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, and evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In accordance with Government Auditing Standards, we have also issued our report dated September 14, 2012 on our consideration of the Institute'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 for the year ended June 30, 2012. 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 financial statements taken as a whole. The accompanying Schedule of Expenditures of Federal Awards, including the related Appendices A, B, and C, is presented for purposes of additional analysis as required by 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 financial statements. The information is the responsibility of management and was

derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The Schedule of Expenditures of Federal Awards, including the related Appendices A, B, and C, have been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or the financial statements themselves and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedule of Expenditures of Federal Awards, including the related Appendices A, B, and C, is fairly stated, in all material respects, in relation to the financial statements taken as a whole.

PricewaterhouseCoopers LLP

September 14, 2012

Massachusetts Institute of Technology

Statements of Financial Position

at June 30, 2012 and 2011

(in thousands of dollars)

	2012	2011
Assets		
Cash	$ 239,377	$ 131,471
Accounts receivable, net	208,297	261,206
Pledges receivable, net, at fair value	479,659	385,885
Contracts in progress, principally U.S. Government	66,724	68,411
Deferred charges, inventories and other assets	93,499	71,735
Student notes receivable, net	49,529	49,757
Investments, at fair value	12,847,866	12,236,531
Noncontrolling interests	304,436	282,041
Retirement plan asset-overfunded status	–	113,715
Land, buildings & equipment (at cost of $3,546,351 for June 2012; $3,406,169 for June 2011), net of accumulated depreciation	2,497,711	2,451,479
Total assets	$ 16,787,098	$ 16,052,231
Liabilities and Net Assets		
Liabilities:		
Accounts payable, accruals and other liabilities	$ 378,369	$ 366,161
Liabilities due under life income fund agreements, at fair value	87,899	84,225
Deferred revenue and other credits	155,476	124,848
Advance payments	428,507	389,478
Borrowings	2,460,002	2,467,825
Government advances for student loans	34,103	33,754
Accrued benefit liabilities	443,398	198,209
Total liabilities	3,987,754	3,664,500
Net Assets:		
Unrestricted net assets controlled by the Institute	$ 4,584,516	$ 4,603,280
Unrestricted net assets attributable to noncontrolling interests	304,436	282,041
Total unrestricted net assets	4,888,952	4,885,321
Temporarily restricted	5,297,554	5,044,519
Permanently restricted	2,612,838	2,457,891
Total net assets	12,799,344	12,387,731
Total liabilities and net assets	$ 16,787,098	$16,052,231

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

Massachusetts Institute of Technology

Statement of Activities

for the year ended June 30, 2012

(with summarized financial information for the year ended June 30, 2011)

(in thousands of dollars)

	2012				Total
	Unrestricted	Temporarily Restricted	Permanently Restricted	2012	2011
Operating Activities					
Operating Revenues:					
Tuition and similar revenues, net of discount of $251,709 in 2012 and $240,299 in 2011	$ 275,993	$ –	$ –	$ 275,993	$ 253,478
Research revenues:					
Direct	1,319,112	–	–	1,319,112	1,250,388
Indirect	208,738	–	–	208,738	196,818
Total research revenues	$ 1,527,850	$ –	$ –	$ 1,527,850	$ 1,447,206
Gifts and bequests for current use	156,172	–	–	156,172	111,114
Fees and services	219,391	–	–	219,391	198,971
Other programs	104,556	–	–	104,556	87,133
Support from investments:					
Endowment	468,604	–	–	468,604	444,836
Other investments	78,681	–	–	78,681	51,961
Total support from investments	547,285	–	–	547,285	496,797
Auxiliary enterprises	108,868	–	–	108,868	100,135
Net asset reclassifications and transfers	50,181	–	–	50,181	55,813
Total operating revenue	$ 2,990,296	$ –	$ –	$ 2,990,296	$ 2,750,647
Operating Expenses:					
Salaries and wages	$ 1,065,529	$ –	$ –	$ 1,065,529	$ 1,006,458
Employee benefits	233,343	–	–	233,343	223,568
Supplies and services	926,760	–	–	926,760	898,284
Subrecipient agreements	121,892	–	–	121,892	120,977
Utilities, rent, and repairs	164,273	–	–	164,273	131,539
Depreciation	125,100	–	–	125,100	116,385
Interest expense	107,689	–	–	107,689	73,936
Total operating expenses	2,744,586	–	–	2,744,586	2,571,147
Results of operations	$ 245,710	$ –	$ –	$ 245,710	$ 179,500
Non-Operating Activities					
Pledge revenue	$ –	$ 135,879	$ 46,869	$ 182,748	$ 110,577
Gifts and bequests	–	–	94,504	94,504	300,718
Investment income	–	489	6,853	7,342	8,706
Net gain on investments and other assets	275,868	447,241	15,199	738,308	1,483,669
Distribution of accumulated investment gains	(155,527)	(285,789)	–	(441,316)	(379,793)
Net change in life income funds	(1,478)	3,766	4,284	6,572	28,413
Pension-related charges other than net periodic pension benefit income	(394,469)	–	–	(394,469)	105,408
Net asset reclassifications and transfers	11,132	(48,551)	(12,762)	(50,181)	(55,813)
Total non-operating activities	(264,474)	253,035	154,947	143,508	1,601,885
Increase in net assets controlled by Institute	(18,764)	253,035	154,947	389,218	1,781,385
Change in net assets attributable to noncontrolling interests	22,395	–	–	22,395	51,608
Net assets at the beginning of the year	4,885,321	5,044,519	2,457,891	12,387,731	10,554,738
Net assets at the end of the year	$ 4,888,952	$ 5,297,554	$ 2,612,838	$12,799,344	$12,387,731

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

Massachusetts Institute of Technology

Statements of Cash Flows

for the years ended June 30, 2012 and 2011

(in thousands of dollars)

	2012	2011
Cash Flow from Operating Activities:		
Increase in net assets	$ 411,613	$ 1,832,993
Adjustments to reconcile change in net assets to net cash used in operating activities:		
Net gain on investments	(734,374)	(1,483,669)
Change in retirement plan asset, net of change in accrued benefit liability	358,904	(134,300)
Depreciation	125,100	116,385
Gifts of securities	(2,978)	(1,921)
Net gain on life income funds	(2,442)	(25,383)
Change in noncontrolling interests	(22,395)	(51,608)
Amortization of bond premiums and discounts and other adjustments	(2,431)	(7,949)
Change in operating assets and liabilities:		
Pledges receivable	(93,774)	(10,655)
Accounts receivable	52,909	(58,090)
Contracts in progress	1,687	(67)
Deferred charges, inventories and other assets	(21,764)	(15,821)
Accounts payable, accruals and other liabilities, excluding building and equipment accruals	21,970	68,948
Liabilities due under life income fund agreements	3,674	9,969
Deferred revenue and other credits	30,628	10,699
Advance payments	39,029	27,106
Reclassify investment income	(7,342)	(8,706)
Contributed securities received as payment on pledges	(37,302)	(27,380)
Contributions restricted for long-term investment	(94,504)	(300,718)
Net cash provided by (used in) operating activities	26,208	(60,167)
Cash Flow from Investing Activities:		
Purchase of land, buildings and equipment	(183,958)	(251,932)
Purchases of investments	(52,463,972)	(41,050,404)
Proceeds from sale of investments, including contributed securities	52,638,753	40,570,574
Student notes issued	(20,013)	(9,967)
Collections from student notes	20,198	9,282
Net cash used in investing activities	(8,992)	(732,447)
Cash Flow from Financing Activities:		
Proceeds from contributions restricted for:		
Investment in endowment	94,504	293,317
Investment in plant and other	–	7,401
Less: contributed securities, gifts for endowment, plant and other	(9,015)	(267,356)
Total proceeds from contributions	85,489	33,362
Increase in investment income for restricted purposes	7,342	8,706
Proceeds from borrowings	–	750,000
Repayment of borrowings	(2,490)	(2,370)
Increase in government advances for student loans	349	164
Net cash provided by financing activities	90,690	789,862
Net increase (decrease) in cash	107,906	(2,752)
Cash at the beginning of the year	131,471	134,223
Cash at the end of the year	$ 239,377	$ 131,471

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

Notes to Financial Statements

A. Accounting Policies

Basis of Presentation

The accompanying financial statements have been prepared in accordance with generally accepted accounting principles (GAAP) in the United States of America. The financial statements include MIT and its wholly-owned subsidiaries.

Net assets, revenues, expenses, gains and losses are classified into three categories based on the existence or absence of donor-imposed restrictions. The categories are permanently restricted, temporarily restricted, and unrestricted net assets. Unconditional promises to give (pledges) are recorded as receivables and revenues within the appropriate net asset category.

Permanently restricted net assets include gifts, pledges, trusts and remainder interests, and income and gains that are required by donors to be permanently retained. Pledges, trusts, and remainder interests are reported at their estimated fair values.

Temporarily restricted net assets include gifts, pledges, trusts and remainder interests, and income and gains that can be expended but for which restrictions have not yet been met. Such restrictions include purpose restrictions where donors have specified the purpose for which the net assets are to be spent, or time restrictions imposed by donors or implied by the nature of the gift (capital projects, pledges to be paid in the future, life income funds), or by interpretations of law (net gains on permanently restricted gifts that have not been appropriated for spending). Gifts specified for the acquisition or construction of long-lived assets are reported as temporarily restricted net assets until the monies are expended and the buildings are put into use, at which point they are reclassified to unrestricted net assets. Net unrealized losses on permanently restricted endowment funds for which the book value exceeds market value are recorded as a reduction to unrestricted net assets.

Unrestricted net assets are all the remaining net assets of MIT. Donor-restricted gifts and unexpended restricted endowment income that are received and either spent, or the restriction is otherwise met within the same year, are reported as unrestricted revenue. Gifts of long-lived assets are reported as unrestricted revenue.

Net asset reclassifications and transfers consist primarily of payments on unrestricted pledges and use of building funds in accordance with donor restrictions for buildings put into use during the year. Expirations of temporary restrictions on net assets, release of permanent restrictions by a donor, and change of restrictions imposed by donors are also reported as reclassifications of net assets among unrestricted, temporarily and permanently restricted net assets.

MIT administers its various funds, including endowments, funds functioning as endowments, school or departmental funds, and related accumulated gains in accordance with the principles of "Fund Accounting." Gifts are recorded in fund accounts and investment income is distributed to funds annually. Income distributed to funds may be a combination of capital appreciation and yield pursuant to MIT's total return investment and spending policies. Each year, the Executive Committee of the Corporation approves the rates of distribution of investment return to the funds from MIT's investment pools. See Note K for further information on income distributed to funds.

MIT's operations include tuition, research revenues, unrestricted gifts and bequests for current use, fees and services, other programs, endowment distribution and income from other investments, auxiliary revenues, payments on pledges for unrestricted gifts, and operating expenditures. Results of operations are displayed in the Statement of Activities.

MIT is a nonprofit organization that is tax-exempt under Section 501(c)(3) of the Internal Revenue Code, originally recognized in October 1926, with the most recent affirmation letter dated July 2001.

Restricted Cash

Certain cash balances, totaling $60.3 million and $42.5 million at June 30, 2012 and 2011, respectively, are restricted for use under certain sponsored research agreements.

The Institute had approximately $238.1 million and $129.8 million at June 30, 2012 and 2011, respectively, of its cash and cash equivalents accounts with a single institution. The Institute has not experienced any losses associated with deposits at this institution.

Sponsored Research

Revenue associated with contracts and grants is recognized as related costs are incurred. The capital costs of buildings and equipment are depreciated over their estimated life cycle and the sponsored research recovery allowance for depreciation is treated as indirect research revenue. MIT has recorded reimbursement of indirect costs relating to sponsored research at negotiated fixed billing rates. The income generated by the negotiated rates is adjusted each fiscal year to reflect any variance between the negotiated fixed rates and rates based on actual cost. The actual cost rate is audited by the Defense Contract Audit Agency (DCAA) and a final fixed-rate agreement is signed by the U.S. Government and MIT. The variance between the negotiated fixed rate and the final audited rate results in a

A. Accounting Policies (continued)

carry forward (over or under-recovery). The carry forward is included in the calculation of negotiated fixed billing rates in future years. Any adjustment in the rate is charged or credited to unrestricted net assets.

Land, Buildings and Equipment

Land, buildings and equipment are shown at cost when purchased or fair value as of the date of a gift when received as gifts, net of accumulated depreciation. When expended, costs associated with the construction of new facilities are shown as construction in progress until such projects are completed. Depreciation is computed on a straight-line basis over the estimated useful lives of 25 to 50 years for buildings, 3 to 25 years for equipment, and 4 to 6 years for software. Fully depreciated assets were removed from the financial statements in the amount of $27.2 million and $37.5 million during 2012 and 2011, respectively. Land, buildings and equipment at June 30, 2012 and 2011 are shown in Table 1 below.

Table 1. Land, Buildings and Equipment

(in thousands of dollars)	2012	2011
Land	$ 65,198	$ 59,598
Land improvements	64,299	60,795
Educational buildings	3,106,569	2,936,816
Equipment	175,046	164,909
Software	31,933	29,938
Total	**3,443,045**	**3,252,056**
Less: accumulated depreciation	(1,048,640)	(954,690)
Construction in progress	87,177	142,788
Software projects in progress	16,129	11,325
Land, buildings and equipment	**$ 2,497,711**	**$2,451,479**

Depreciation expense was $125.1 million in 2012 and $116.4 million in 2011. Net interest expense of $3.8 million and $6.6 million was capitalized during 2012 and 2011, respectively, in connection with MIT's construction projects.

Tuition and Financial Aid

Tuition and similar revenues, shown in Table 2 below, include tuition and fees in degree programs as well as tuition and fees for executive and continuing education programs at MIT.

Table 2. Tuition and Similar Revenues

(in thousands of dollars)	2012	2011
Tuition revenue	$ 491,046	$ 457,494
Executive and continuing education revenues	36,656	36,283
Total	**527,702**	**493,777**
Less: tuition discount	(251,709)	(240,299)
Net tuition & similar revenue	**$ 275,993**	**$ 253,478**

Tuition support is awarded to undergraduate students by MIT based on need. Graduate students are provided with tuition support in connection with research assistance, teaching assistance, and fellowship appointments. Total student support granted to students was $441.2 million and $409.8 million in 2012 and 2011, respectively. Of that amount, $144.5 million in 2012 and $125.8 million in 2011 was aid from sponsors. Tuition support from MIT sources is displayed as tuition discount. Components of student support are detailed in Table 3 below.

Table 3. Student Support

	2012			2011		
(in thousands of dollars)	Institute sources	External sponsors	Total financial aid	Institute sources	External sponsors	Total financial aid
Tuition support	$ 251,709	$ 66,074	$ 317,783	$ 240,299	$ 53,756	$ 294,055
Stipends	18,203	15,060	33,263	17,680	12,755	30,435
Student salaries	26,723	63,412	90,135	26,051	59,284	85,335
Total	**$ 296,635**	**$ 144,546**	**$ 441,181**	**$ 284,030**	**$ 125,795**	**$ 409,825**

A. Accounting Policies (continued)

Gifts and Pledges

Gifts and pledges are recognized when received. Gifts of securities are recorded at their fair value at the date of contribution. Gifts of equipment received from manufacturers and other donors are put into use and recorded by MIT at fair value. Gifts of equipment totaled $0.4 million in 2012 and 2011. Pledges in the amount of $479.7 million and $385.9 million were recorded as receivables at June 30, 2012 and 2011, respectively, with the revenue assigned to the appropriate classification of restriction. Pledges consist of unconditional written promises to contribute to MIT in the future and are recorded after discounting the future cash flows to the present value.

MIT records items of collections as gifts at nominal value. They are received for educational purposes and most are displayed throughout MIT. In general, collections are not disposed of for financial gain or otherwise encumbered in any manner.

Advance Payments

Amounts received by MIT from the U.S. Government, corporations, industrial sources, foundations, and other non-MIT sponsors under the terms of agreements that generally require the exchange of assets, rights, or privileges between MIT and the sponsor are recorded as advance payments. Revenue is recognized as MIT fulfills the terms of the agreement.

Life Income Funds

MIT's life income fund agreements with donors consist primarily of irrevocable charitable gift annuities, pooled income funds, and charitable remainder trusts for which MIT serves as trustee. Assets are invested and payments are made to donors and other beneficiaries in accordance with the respective agreements. MIT records the assets that are associated with each life income fund at fair value and records as liabilities the present value of the estimated future payments at current interest rates to be made to the donors and beneficiaries under these agreements. A rollforward of liabilities due under life income fund agreements is presented in Table 4.

Revised Classifications

On July 1, 2011, MIT adopted the accounting standard, *Not-for-Profit Entities: Mergers and Acquisitions*. This standard specifies that noncontrolling interests (formerly known as minority interests, classified as a liability) be reported within unrestricted net assets on the Statements of Financial Position and the change in net assets attributable to noncontrolling interests be reported separately within the Statement of Activities. The standard had an effective date of June 30, 2011, but was not adopted until fiscal year 2012, and as a result, the Institute has revised the prior year presentation of its noncontrolling interests to conform to the correct current year presentation and generally accepted accounting principles. The impact of this revision to the prior year financial statements decreased total liabilities from $3,994.7 million to $3,664.5 million and increased total net assets from $12,105.7 million to $12,387.7 million. As a result, the Institute reported net assets attributable to non-controlling interests in the amount of approximately $282.0 million. In addition, the increase in net assets on the Statement of Activities and Statements of Cash Flows changed from $1,781.4 million to $1,833.0 million. Management does not believe that the impact of the prior year revision is material.

Recently Adopted Accounting Standards

On July 1, 2011, MIT adopted new guidance enhancing the *Fair Value Measurement* standard. This standard requires further disclosure on the activity in the Level 3 rollforward to be reported on a gross, rather than net, basis.

On July 1, 2010, MIT adopted new guidance enhancing the *Fair Value Measurement* standard. This standard requires further disclosure of significant transfers in and out of Level 1 and Level 2 fair value measurements, including the reasons for the transfers, and requires discussions of their fair value measurement disclosures on a disaggregated basis. Refer to Note B for further details.

On July 1, 2010, MIT adopted the accounting standard, *Credit Quality*. This standard requires the disclosure about the credit quality of financing receivables and the related allowance for credit losses. The disclosures are included in Note E.

Table 4. Liabilities Due Under Life Income Funds

(in thousands of dollars)	2012	2011
Balance at beginning of year	$ 84,225	$ 74,256
Additions for new gifts	7,389	8,907
Terminations and payments to beneficiaries	(12,200)	(12,164)
Net investment and actuarial gain	8,485	13,226
Balance at end of year	**$ 87,899**	**$ 84,225**

A. Accounting Policies (continued)

Noncontrolling Interests

MIT is the general partner for several private equity funds and has displayed the noncontrolling interests on the Statements of Financial Position.

Non-Cash Items

Non-cash transactions excluded from the Statements of Cash Flows include $12.9 million and $23.2 million of accrued liabilities related to plant and equipment purchases for 2012 and 2011, respectively.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Reclassifications

Certain June 30, 2011 balances and amounts previously reported have been reclassified to conform to the June 30, 2012 presentation.

Subsequent Events

MIT has evaluated subsequent events through September 14, 2012, the date the financial statements were issued. There were no subsequent events that occurred after the balance sheet date that have a material impact on MIT's financial statements.

B. Investments

Investment transactions are accounted for on the trade date. Dividend income is recorded on the ex-dividend date. Realized gains and losses are recorded by MIT using the average cost basis.

MIT values its investments in accordance with the principles of accounting standards which establish a hierarchy of valuation inputs based on the extent to which the inputs are observable in the marketplace. Observable inputs reflect market data obtained from sources independent of the reporting entity. Unobservable inputs reflect the entity's own assumptions about how market participants would value an asset or liability based on the best information available. Valuation techniques used to measure fair value must maximize the use of observable inputs and minimize the use of unobservable inputs. MIT follows a fair value hierarchy based on three levels of inputs, of which the first two are considered observable and the last is unobservable.

The following describes the hierarchy of inputs used to measure fair value and the primary valuation methodologies used by MIT for financial instruments measured at fair value on a recurring basis. The three levels of inputs are as follows:

• Level 1 – Quoted prices in active markets for identical assets or liabilities. Market price data is generally obtained from relevant exchanges or dealer markets.

• Level 2 – Inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the same term of the assets or liabilities. Inputs are obtained from various sources including market participants, dealers, and brokers.

• Level 3 – Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

A financial instrument's categorization within the valuation hierarchy is based upon the lowest level of input that is significant to the fair value measurement. Investments may be classified as Level 2 when market information (including observable net asset values) is available, yet the investment is not traded in an active market. Market information, including observable net asset values, subscription and redemption activity, if applicable, and the length of time until the investment will become redeemable are

B. Investments (continued)

Table 5. Investments

(in thousands of dollars)	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant un-observable inputs (Level 3)	Total fair value
Fiscal year 2012				
Cash and cash equivalents	$ 1,599,874	$ –	$ –	$ 1,599,874
US treasury	462,111	–	–	462,111
US government agency	–	84,625	–	84,625
Domestic bonds**	23,243	229,872	78,961	332,076
Foreign bonds**	–	15,043	–	15,043
Common equity				
Long domestic equity	933,902	1,559	279,521	1,214,982
Long foreign equity	290,853	5,891	–	296,744
Short domestic equity	(570,076)	(609)	(3)	(570,688)
Short foreign equity	(76,711)	–	–	(76,711)
Equity**				
Absolute return	–	393,396	1,283,490	1,676,886
Domestic	69,625	27,701	1,038,537	1,135,863
Foreign	8,124	281,523	1,070,981	1,360,628
Private	–	–	2,610,024	2,610,024
Real estate*	–	–	1,964,901	1,964,901
Real assets**	1,648	75,377	536,266	613,291
Split interest agreements	–	–	121,816	121,816
Other	–	–	2,638	2,638
Derivatives	(1,239)	5,002	–	3,763
Total investments	**$ 2,741,354**	**$ 1,119,380**	**$ 8,987,132**	**$ 12,847,866**
Fiscal year 2011				
Cash and cash equivalents	$ 1,175,781	$ –	$ –	$ 1,175,781
US treasury	588,650	–	–	588,650
US government agency	–	63,153	–	63,153
Domestic bonds**	22,075	243,806	75,644	341,525
Foreign bonds**	–	12,074	3	12,077
Common equity				
Long domestic equity	902,225	5,359	273,148	1,180,732
Long foreign equity	318,089	7,916	–	326,005
Short domestic equity	(358,283)	(122)	–	(358,405)
Short foreign equity	(88,108)	–	–	(88,108)
Equity**				
Absolute return	–	470,086	1,408,152	1,878,238
Domestic	201,117	33,093	564,360	798,570
Foreign	51,766	110,055	1,112,986	1,274,807
Private	–	–	2,479,017	2,479,017
Real estate*	–	–	1,691,704	1,691,704
Real assets**	–	–	699,098	699,098
Split interest agreements	–	–	101,125	101,125
Other	–	–	2,592	2,592
Derivatives	(1,757)	71,727	–	69,970
Total investments	**$ 2,811,555**	**$ 1,017,147**	**$ 8,407,829**	**$ 12,236,531**

**Real estate includes direct investments and investments held through commingled vehicles.*
***Real assets, Equity, Domestic bonds and Foreign bonds categories include commingled vehicles that invest in these types of investments.*

considered when determining the proper categorization of the investment's fair value measurement within the fair valuation hierarchy. Fund investments that have observable market inputs (such as net asset values) and from which MIT has the ability to redeem within twelve months of June 30 are classified in the fair value hierarchy as Level 2.

Investment funds that have unobservable inputs or from which MIT does not have the ability to redeem within twelve months are classified in the fair value hierarchy as Level 3.

Table 5 on the previous page presents MIT's investments at fair value as of June 30, 2012 and 2011, grouped by the valuation hierarchy as defined in this note. Transfers between levels are recognized at the beginning of the reporting period. There were no significant transfers in and out of Level 1 and Level 2 fair value measurements in 2012 and 2011. Significant transfers out of level three and into level two in 2012 and 2011 resulted from the expiration of lockups which had prevented MIT from exiting the fund within twelve months.

Cash and cash equivalents include cash, money market funds, repurchase agreements and negotiable certificates of deposit and are valued at cost, which approximates fair value. Instruments listed or traded on a securities exchange are valued at the last quoted price on the primary exchange where the security is traded. Investments in non-exchange traded debt are primarily valued using independent pricing sources that use broker quotes or models using market observable inputs. Investments managed by external advisors include investments in absolute return, domestic, foreign and private equity, real estate and real asset commingled vehicles. The majority of these investments are not readily marketable and are reported at fair value utilizing the most current information provided by the external advisors. Securities held in these external investment vehicles that do not have readily determinable fair values are determined by the external managers and are based on appraisals or other estimates that require varying degrees of judgment. If no public market exists for the investment securities, the fair value is determined by the external managers taking into consideration, among other things, the cost of the securities, prices of recent significant placements of securities of the same issuer, and subsequent developments concerning the companies to which the securities relate. Using these valuations, most of these external managers calculate MIT's capital account or net asset value (NAV) in accordance with, or in a manner consistent with, GAAP. As a practical expedient, MIT is permitted under GAAP to estimate the fair value of its investments with external managers using the external managers' reported NAV without further adjustment unless MIT expects to sell the investment at a value other than NAV or the NAV is not calculated in accordance with GAAP. Direct real estate holdings are valued at fair market value based on external appraisals. Other direct investments that are not readily marketable are valued by MIT based upon valuation information received from the entity which may include last trade information or valuations prepared in connection with the administration of an employee stock ownership plan. MIT may also utilize industry standard valuation techniques. Split-interest agreements are generally valued at the present value of the future distributions expected to be received over the term of the agreement. Over-the-counter positions such as interest rate and total return swaps, credit default swaps, options, exchange agreements, and interest rate cap and floor agreements are valued using broker quotes or models using market observable inputs. Because the swaps and other over-the-counter derivative instruments have inputs that can generally be corroborated by observable market data, they are generally classified within Level 2.

The methods described above may produce a fair value that may not be indicative of net realizable value or reflective of future fair values. MIT performs ongoing due diligence around its non-public investments to determine that fair value is reasonable as of June 30, 2012 and 2011.

Furthermore, while MIT believes its valuation methods are appropriate and consistent with those of other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different estimate of fair value at the reporting date.

Table 6 is a rollforward of the investments classified by MIT within Level 3 of the fair value hierarchy defined on page 19 at June 30, 2012 and 2011.

All net realized and unrealized gains and losses relating to financial instruments held by MIT and shown in Table 5 are reflected in the Statement of Activities. Cumulative unrealized gains related to Level 3 investments totaled $2,476.9 million and $2,012.9 million for the years ended June 30, 2012 and 2011, respectively. The net change in unrealized gains (losses) related to these financial instruments held by MIT at June 30, 2012 are disclosed in Table 6.

MIT enters into short sales whereby it sells securities which may or may not be owned by MIT in anticipation of a decline in the price of such securities or in order to hedge portfolio positions. Cash collateral and certain securities owned by MIT were held at counterparty brokers to

B. Investments (continued)

collateralize these positions and are included in investments on the Statements of Financial Position.

Certain investments in real estate, equities, and private investments may be subject to restrictions that (i) limit MIT's ability to withdraw capital after such investment and (ii) may be subject to limitations that limit the amount that may be withdrawn as of a given redemption date. Most absolute return, domestic equity and foreign equity commingled funds limit withdrawal to monthly, quarterly, or other periods, and may require notice periods. In addition, certain of these funds are able to designate a portion of the investments as "illiquid" in "side-pockets," and these funds may not be available for withdrawal until liquidated by the investing fund. Generally, MIT has no discretion as to withdrawal with respect to its investment in private equity and real estate funds. Distributions are made when sales of assets are made within these funds and the investment cycle for these funds can be as long as fifteen to twenty years. These restrictions may limit MIT's ability to respond quickly to changes in market conditions. MIT does have various sources of liquidity at its disposal, including cash, cash equivalents, marketable debt and equity securities, and lines of credit.

Table 6. Rollforward of Level 3 Investments

(in thousands of dollars)	Fair Value Beginning	Realized Gains (Losses)	Unrealized Gains (Losses)	Purchases	Sales	Transfer of Assets between Levels	Fair Value Ending
Fiscal Year 2012							
Domestic bonds	$ 75,644	$ –	$ 1	$ 11,550	$ (7,879)	$ (355)	$ 78,961
Foreign bonds	3	–	–	–	(2)	(1)	–
Common equity							
Long domestic equity	273,148	8	5,379	7,716	(6,730)	–	279,521
Short domestic equity	–	–	(3)	–	–	–	(3)
Equity							
Absolute return	1,408,152	(7,750)	13,925	39,161	(169,998)	–	1,283,490
Domestic	564,360	(10,918)	143,115	400,257	(58,277)	–	1,038,537
Foreign	1,112,986	(24,375)	(19,476)	181,410	(166,705)	(12,859)	1,070,981
Private	2,479,017	(6,185)	125,079	319,630	(307,517)	–	2,610,024
Real estate	1,691,704	5,149	142,723	441,466	(316,141)	–	1,964,901
Real assets	699,098	–	(6,189)	12,094	(78,326)	(90,411)	536,266
Split interest agreements	101,125	–	2,319	18,478	(106)	–	121,816
Other	2,592	167	124	30	(275)	–	2,638
Total investments	**$ 8,407,829**	**$ (43,904)**	**$ 406,997**	**$ 1,431,792**	**$(1,111,956)**	**$ (103,626)**	**$ 8,987,132**
Fiscal Year 2011							
Domestic bonds	$ 73,310	$ –	$ –	$ 10,680	$ (8,346)	$ –	$ 75,644
Foreign bonds	2	–	–	–	–	1	3
Common equity							
Long domestic equity	12,163	–	1,005	273,982	(14,002)	–	273,148
Equity							
Absolute return	1,452,998	(1)	164,512	21,394	(182,525)	(48,226)	1,408,152
Domestic	393,870	–	103,227	132,000	(64,737)	–	564,360
Foreign	887,667	12,378	75,121	492,852	(355,032)	–	1,112,986
Private	2,092,094	(2,433)	335,577	374,407	(320,628)	–	2,479,017
Real estate	1,401,896	12	157,997	225,899	(94,100)	–	1,691,704
Real assets	639,663	–	66,748	24,786	(32,099)	–	699,098
Split interest agreements	90,214	–	10,911	–	–	–	101,125
Other	1,713	–	373	575	(69)	–	2,592
Total investments	**$ 7,045,590**	**$ 9,956**	**$ 915,471**	**$ 1,556,575**	**$(1,071,538)**	**$ (48,225)**	**$ 8,407,829**

B. Investments (continued)

Details on the estimated remaining life, current redemption terms and restrictions by asset class and type of investment are provided below.

Table 7. Unfunded Commitments

Asset Class *(in thousands of dollars)*	2012 Unfunded Commitments	2012 Fair Value	2011 Unfunded Commitments	2011 Fair Value	Redemption Terms	Redemption Restrictions
Equity:						
Domestic	$ 26,941	$ 1,135,863	$ 21,000	$ 798,570	Redemption terms range from daily to annually with 90 days notice	Lock-up provisions range none to 4 years
Foreign	209,245	1,360,628	106,226	1,274,807	Redemption terms range from daily to quarterly with 90 days notice	Lock-up provisions range from none to 8 years
Absolute return	37,762	1,676,886	66,410	1,878,238	Redemption terms range from monthly with 3 business days notice to closed end structures not available for redemption	Lock-up provisions range from none to not redeemable
Private	1,261,309	2,610,024	1,047,183	2,479,017	Closed end funds not eligible for redemption	Not redeemable
Real estate	531,904	757,715	510,321	648,677	Closed end funds not eligible for redemption	Not redeemable
Real assets	135,516	613,083	101,168	698,948	Redemption terms range from 1 fund annually with 90 days notice to all other funds are closed end funds not eligible for redemption	Not redeemable except for 1 fund with a lock-up provision of 4 years
Totals	**$ 2,202,677**	**$ 8,154,198**	**$ 1,852,308**	**$ 7,778,257**		

C. Derivative Financial Instruments

During the year ended June 30, 2011, MIT maintained two interest rate swap agreements to manage the interest cost and risk associated with its variable rate debt, further described in Note G. On June 5, 2011, one of these swap agreements expired. Under the terms of the expired agreement, MIT paid a fixed rate of 4.46% on a notional amount of $125 million and received a payment indexed to the Securities Industry and Financial Market Association (SIFMA) municipal swap index rate. Under the remaining agreement, MIT pays a fixed rate of 4.91% and receives a payment indexed to SIFMA on a notional amount of $125 million. At June 30, 2012, the remaining swap agreement had a total fair value of ($58.6) million and at June 30, 2011 had a fair value of ($32.8) million. This swap portfolio had a total net loss for 2012 of $25.8 million and a total net gain of $7.7 million for 2011. The notional amounts of these derivatives are not recorded on MIT's Statements of Financial Position.

For its investment management, MIT uses a variety of financial instruments with off-balance sheet risk involving contractual or optional commitments for future settlement. MIT uses these instruments primarily to manage its exposure to extreme market events and fluctuations in asset classes or currencies. Instruments utilized include futures, total return and credit default swaps, and interest rate cap and swaption agreements. The futures are exchange-traded and the swap, swaptions, and cap agreements are executed over the counter.

Total return swaps involve commitments to pay interest in exchange for a market-linked return, both based on notional amounts. To the extent the total return of the security or index underlying the tranaction exceeds or falls short of the offsetting interest rate obligation, MIT will receive a payment from or make a payment to the counterparty.

MIT's portfolio of interest rate caps and swaptions is designed for protection from significant increases in interest rates. An interest rate swaption is an option to enter into an interest rate swap agreement on pre-set terms at a future date. The purchaser and seller of the swaption agree on the expiration date, option type, exercise style, the terms of the underlying swap and the type of settlement. As the expiration date approaches, the swaption holder can either notify the seller of its intention to exercise or let the option expire. An interest rate cap places a ceiling on a floating rate of interest on a specified notional principal amount for a specific term. The buyer of the cap uses the cap contract to limit its maximum interest rate exposure. If the buyer's floating rate rises above the cap strike, the cap contract provides for payments from the seller to the buyer of the cap for the difference between the floating rate and the cap strike. If the floating rate remains below the cap strike, no payments are required. The cap buyer is required to pay an upfront fee or premium for the cap. The cap premium charged by the seller depends upon the market's assessment of the probability that rates will move through the cap strike over the time horizon of the deal. The payoff is expected to occur in extreme market conditions that would negatively impact other of MIT's assets.

Table 8 summarizes the notional exposure and net ending fair value relative to the financial instruments with off-balance sheet risk as of June 30, 2012 and 2011 related to MIT's investment management. Derivatives held by limited partnerships and commingled investment vehicles pose no off-balance sheet risk to MIT due to the limited liability structure of these investments. To manage the counterparty credit exposure of MIT's direct off-balance sheet financial instruments, MIT requires collateral to the maximum extent possible under normal trading practices. Collateral is moved on a daily basis as required by fluctuations in the market. The collateral is generally in the form of debt obligations issued by the U.S. Treasury or cash. In the event of counterparty default, MIT has the right to use the collateral to offset the loss associated with the replacement of the agreements. MIT enters into arrangements only with counterparties believed to be creditworthy. On June 30, 2012, cash collateral and certain securities owned by MIT were held at counterparty brokers to collateralize these positions and are included in investments on the Statements of Financial Position.

C. Derivative Financial Instruments (continued)

Table 8. Derivative Financial Instruments

(in thousands of dollars)	Notional exposure Long	Notional exposure Short	Net ending fair value *	Net gain (loss)**
Fiscal year 2012				
Fixed income instruments				
Fixed income futures	$ 8,900	$ (14,400)	$ (29)	$ 38
Options on interest rate exchange agreements	2,577,777	(55,000)	32,292	(37,142)
Interest rate caps and floors	2,250,000	–	3,592	(6,361)
Interest rate swaps	–	(11,900)	(270)	(321)
Total fixed income instruments	4,836,677	(81,300)	35,585	(43,786)
Currency instruments				
Currency forwards	–	–	(148)	1,306
Total currency instruments	–	–	(148)	1,306
Commodity instruments				
Commodity futures	2,072	–	(1,062)	(952)
Equity index futures	–	–	–	1,449
Equity index swaps	–	(60,036)	–	–
IOS index swaps	–	(18,889)	12	603
Total commodity and index futures	2,072	(78,925)	(1,050)	1,100
Credit instruments	410,358	(1,629,309)	28,024	20,975
2012 Total	**$ 5,249,107**	**$ (1,789,534)**	**$ 62,411**	**$ (20,405)**
Fiscal year 2011				
Fixed income instruments				
Fixed income futures	$ 2,500	$ (19,400)	$ (67)	$ 459
Options on interest rate exchange agreements	1,884,777	(55,000)	57,946	9,119
Interest rate caps and floors	2,250,000	(2,808,000)	(4,221)	(4,091)
Interest rate swaps	–	(34,436)	(63)	2,997
Total fixed income instruments	4,137,277	(2,916,836)	53,595	8,484
Currency instruments				
Currency forwards	61,541	(17,956)	(131)	(836)
Total currency instruments	61,541	(17,956)	(131)	(836)
Commodity instruments				
Commodity futures	15,993	–	(110)	(379)
Equity index future	–	(29,159)	(1,449)	(1,449)
Total commodity futures	15,993	(29,159)	(1,559)	(1,828)
Credit instruments	732,533	(2,617,037)	50,873	(5,561)
2011 Total	**$ 4,947,344**	**$ (5,580,988)**	**$ 102,778**	**$ 259**

**The fair value of all derivative financial instruments is reflected in investments at fair value in the Statements of Financial Position.*
***Net gain (loss) from the derivative financial instruments is located in the non-operating section as net gain on investments and other assets in the Statement of Activities.*

C. Derivative Financial Instruments (continued)

Table 9 provides further details related to MIT's credit instruments. The act of entering into a credit default swap contract is often referred to as "buying protection" or "selling protection" on an underlying reference obligation. The buyer is obligated to make premium payments to the seller over the term of the contract in return for a contingent payment upon the occurrence of a credit event with respect to the underlying obligation. The seller bears the obligation to "protect" the buyer in the event of default of the underlying issuer. Upon this event, the cash payment which the buyer receives is equal to the clearing price established by an auction of credit default swap claims, which is designed to approximate the recovery value of an unsecured claim on the issuer in default. The swap will last for a predetermined amount of time, typically five years. Upon termination of the swap, the buyer is no longer obligated to make any premium payments and there is no other exchange of capital.

The following table summarizes the notional amounts and fair value of the purchased and written credit derivatives, classified by the expiration terms and the external credit ratings of the reference obligations at June 30, 2012 and 2011.

Table 9. Credit Derivatives

	Purchased protection				Written protection notional amount			
(in thousands of dollars)	Purchased notional amounts	Purchased fair value*	Years to maturity < 5 years	Years to maturity 5-10 years	Written notional amounts	Offsetting purchased credit protection**	Net written credit protection	Net written credit protection fair value
Fiscal year 2012								
Credit rating on underlying or index								
A- to AAA	$ 605,184	$ (1,652)	$ 61,150	$ 544,034	$ 410,358	$ (410,358)	$ _	$ 17,783
BBB- to BBB+	541,181	(5,703)	45,000	496,181	–	–	_	–
Non-investment grade	5,000	(576)	–	5,000	–	–	–	–
Non-rated	35,381	728	5,000	30,381	–	–	–	–
ABX - AA index	32,205	17,444	–	32,205	–	–	–	–
2012 Total	**$ 1,218,951**	**$ 10,241**	**$ 111,150**	**$1,107,801**	**$ 410,358**	**$ (410,358)**	**$**	**– $ 17,783**
Fiscal year 2011								
Credit rating on underlying or index								
A- to AAA	$ 861,248	$ (7,213)	$ 270,653	$ 590,595	$732,533	$ (732,533)	$ _	$ 30,348
BBB- to BBB+	917,741	(7,363)	187,098	730,643	–	–	_	–
Non-investment grade	25,000	914	–	25,000	–	–	–	–
Non-rated	20,000	(180)	–	20,000	–	–	–	–
ABX - AA index	60,515	34,367	–	60,515	–	–	–	–
2011 Total	**$ 1,884,504**	**$ 20,525**	**$ 457,751**	**$1,426,753**	**$ 732,533**	**$ (732,533)**	**$**	**– $ 30,348**

** The fair value of all credit derivative instruments is reflected in investments, at fair value in the Statements of Financial Position.*
***Net gain (loss) of the credit derivative instruments is located in the non-operating section as net gain on investments and other assets in the Statement of Activities.*

D. Pledges Receivable

Table 10 below shows the time periods in which pledges receivable at June 30, 2012 and 2011 are expected to be realized.

Table 10. Pledges Receivable

(in thousands of dollars)	2012	2011
In one year or less	$ 158,236	$ 109,181
Between one year and five years	232,983	187,608
More than five years	141,780	136,696
Less: allowance for unfulfilled pledges	(53,340)	(47,600)
Pledges receivable, net	**$ 479,659**	**$ 385,885**

A review of pledges is periodically made with regard to collectability. As a result, the allowance for pledges that may not be fulfilled is adjusted, and some pledges have been canceled and are no longer recorded in the financial statements. In addition, pledges are discounted in the amount of $30.9 million and $55.0 million in 2012 and 2011, respectively. MIT has gross conditional pledges, not recorded, for the promotion of education and research in the amount of $118.2 million and $26.9 million as of June 30, 2012 and 2011, respectively. MIT has pledges relating to research in the amount of $25.4 million and $8.0 million as of June 30, 2012 and 2011, respectively.

Pledges receivable are classified as Level 3 under the valuation hierarchy described in Note B.

Table 11 below is a rollforward of the pledges receivable for 2012 and 2011.

Table 11. Rollforward of Pledges Receivable

(in thousands of dollars)	2012	2011
Balance at beginning of year	$ 385,885	$ 375,230
New pledges	164,333	107,830
Pledge payments received	(88,975)	(99,922)
Decrease in pledge discount	24,156	3,937
Increase in allowance for unfulfilled pledges	(5,740)	(1,190)
Balance at end of year	**$ 479,659**	**$ 385,885**

E. Student Notes Receivable

Table 12 below details the components of student notes receivable at June 30, 2012 and 2011.

Table 12. Student Notes Receivable

(in thousands of dollars)	2012	2011
Institute-funded student notes receivable	$ 14,112	$ 15,191
Perkins student notes receivable	38,417	37,566
Total student notes receivable	**52,529**	**52,757**
Less: allowance for doubtful accounts	(3,000)	(3,000)
Student notes receivable, net	**$ 49,529**	**$ 49,757**

E. Student Notes Receivable (continued)

Perkins student notes receivable are funded by the U.S. Government and by MIT to the extent required by the Perkins National Direct Student Loan Program. Funds advanced by the U.S. Government for this program, $34.1 million and $33.8 million at June 30, 2012 and 2011, respectively, are ultimately refundable to the U.S. Government and are classified as liabilities. Due to the nature and terms of the student loans, which are subject to significant restrictions, it is not feasible to determine the fair value of such loans.

Allowance for Credit Losses

Management regularly assesses the adequacy of the allowance for credit losses by performing ongoing evaluations of the student loan portfolio, including such factors as the differing economic risks associated with each loan category, the financial condition of specific borrowers, the economic environment in which the borrowers operate, the level of delinquent loans, the value of any collateral and, where applicable, the existence of any guarantees or indemnifications. MIT's Perkins receivable represents the amounts due from current and former students under the Federal Perkins Loan Program. Loans disbursed under the Federal Perkins Loan program are able to be assigned to the U.S. Government in certain non-repayment situations. In these situations the Federal portion of the loan balance is guaranteed.

Factors also considered by management when performing its assessment, in addition to general economic conditions and the other factors described above, included, but were not limited to, a detailed review of the aging of the student loan receivable and a review of the default rate by loan category in comparison to prior years. The level of the allowance is adjusted based on the results of management's analysis.

Loans less than 120 days delinquent are deemed to have a minimal delay in payment and are generally not written off but are reserved in accordance with the terms discussed above. Loans more than 120 days delinquent are subject to standard collection practices including litigation. Only loans that are deemed uncollectible are written off and this only occurs after several years of unsuccessful collection, including placement at more than one external collection agency.

Considering the other factors already discussed herein, management considers the allowance for credit losses at June 30, 2012 and 2011 to be prudent and reasonable. Furthermore, MIT's allowance is general in nature and is available to absorb losses from any loan category. Management believes that the allowance for credit losses at June 30, 2012 and 2011 is adequate to absorb credit losses inherent in the portfolio as of that date.

Changes in the allowance for credit losses for the year ended June 30, 2012 and 2011 were as shown in the following table.

Table 13. Rollforward of Allowance for Credit Losses

(in thousands of dollars)	2012	2011
Balance at beginning of year	$ 3,000	$ 3,000
Provision for credit losses	41	171
Net charge-offs	(41)	(171)
Balance at end of year	**$ 3,000**	**$ 3,000**

F. Accounts Payable, Accruals and Other Liabilities

MIT's accounts payable, accruals and other liabilities at June 30, 2012 and 2011 are shown in Table 14 below.

Table 14. Accounts Payable, Accruals and Other Liabilities

(in thousands of dollars)	2012	2011
Accounts payable and accruals	$ 320,902	$ 310,476
Accrued vacation	57,467	55,685
Total	**$ 378,369**	**$ 366,161**

G. Borrowings

Table 15. Borrowings

(in thousands of dollars / due dates are calendar based)	2012	2011
EDUCATIONAL PLANT		
Massachusetts Health and Educational Facilities Authority (MHEFA)		
Series I, 4.75%–5.20%, due 2028, par value $59,200	$ 59,588	$ 59,613
Series J-1, variable rate, due 2031, par value	125,000	125,000
Series J-2, variable rate, due 2031, par value	125,000	125,000
Series K, 5.25%–5.50%, due 2012–2032, par value $230,000	241,405	242,242
Series L, 3.0%–5.25%, due 2004–2033, par value $170,160	178,635	182,072
Series M, 5.25%, due 2014–2030, par value $131,110	142,787	143,897
Series N, 3.5%–5.0%, due 2014–2038, par value $325,195	330,327	331,594
Series O, 4.0%–6.0%, due 2016–2036, par value $266,460	271,022	272,218
Total MHEFA	**1,473,764**	**1,481,636**
Medium Term Notes Series A, 7.125%, due 2026	17,359	17,355
Medium Term Notes Series A, 7.25%, due 2096	45,445	45,443
Notes payable to bank, variable rate, due 2014	83,033	83,033
Taxable Bonds, Series B, 5.60%, due 2111, par value $750,000 [1]	746,924	746,881
Total educational plant	**2,366,525**	**2,374,348**
OTHER		
Notes payable to bank, variable rate, due 2014	93,477	93,477
Total borrowings	**$ 2,460,002**	**$ 2,467,825**

[1] *The proceeds of Taxable Bonds, Series B were held as liquid investments as of June 30, 2012 and 2011 and have not yet been invested in physical assets.*

Fair value of the outstanding debt is approximately 22.0% and 5.0% greater than the carrying value in 2012 and 2011, respectively. Carrying value is based on estimates using current interest rates available for similarly rated debt of the same remaining maturities.

G. Borrowings (continued)

The aggregate amounts of debt payments and sinking fund requirements for each of the next five fiscal years are shown in Table 16 below.

Table 16. Debt Obligations
(in thousands of dollars)

2013	$ 26,500
2014	202,509
2015	59,110
2016	9,585
2017	98,090

MIT maintains a line of credit with a major financial institution for an aggregate commitment of $500.0 million. As of June 30, 2012, $323.5 million was available under this line of credit. The line of credit expires on March 28, 2014.

Cash paid for interest on long-term debt in 2012 and 2011 was $101.0 million and $78.7 million, respectively.

Variable interest rates at June 30, 2012 are shown in Table 17 below.

Table 17. Variable Interest Rates

(in thousands of dollars)	Amount	Rate
MHEFA Series J-1	$ 125,000	0.14%
MHEFA Series J-2	125,000	0.15%
Notes payable to bank	176,509	0.84%

In the event that MIT receives notice of any optional tender on its Series J-1 and Series J-2 variable-rate bonds, or if these bonds become subject to mandatory tender, the purchase price of the bonds will be paid from the remarketing of such bonds. However, if the remarketing proceeds are insufficient, MIT will be obligated to purchase the bonds tendered at 100 percent of par on the tender date.

H. Commitments and Contingencies

Federal Government Funding

MIT receives funding or reimbursement from Federal agencies for sponsored research under Government grants and contracts. These grants and contracts provide for reimbursement of indirect costs based on rates negotiated with the Office of Naval Research (ONR), MIT's cognizant Federal agency. MIT's indirect cost reimbursements have been based on fixed rates with carry forward of under or over-recoveries. At June 30, 2012 and 2011, MIT recorded a net over-recovery of $56.7 million and $48.1 million, respectively.

The DCAA is responsible for auditing indirect charges to grants and contracts in support of ONR's negotiating responsibility. MIT has final audited rates through 2009. MIT's 2012 research revenues of $1,527.9 million include reimbursement of indirect costs of $208.7 million, which includes the adjustment for the variance between the indirect cost income determined by the fixed rates and actual costs for 2012. In 2011, research revenues were $1,447.2 million, which included reimbursement of indirect costs of $196.8 million.

Leases

At June 30, 2012, there were no capital lease obligations. MIT is committed under certain operating (rental) leases. Rent expense incurred under operating lease obligations was $37.1 million and $33.3 million in 2012 and 2011, respectively. Future minimum payments under operating leases are shown in Table 18 below.

Table 18. Lease Obligations
(in thousands of dollars)

2013	$ 38,755
2014	37,311
2015	22,804
2016	19,280
2017	14,774

Investments

As of June 30, 2012, $9.9 million of investments were pledged as collateral to various supplier and government agencies.

H. Commitments and Contingencies (continued)

Future Construction

MIT has contracted for educational plant in the amount of $51.5 million at June 30, 2012. It is expected that the resources to satisfy these commitments will be provided from unexpended plant funds, anticipated gifts, and unrestricted funds. MIT will be committing additional resources to planned major construction projects and improvements to the current infrastructure over the next several years.

Related Entities

MIT has entered into agreements, including collaborations with third-party not-for-profit and for-profit entities, for education, research, and technology transfers. Some of these agreements involve funding from foreign governments. These agreements subject MIT to greater financial risk than do its normal operations. In the opinion of management, the likelihood of realization of increased financial risks by MIT under these agreements is remote.

General

MIT is subject to certain other legal proceedings and claims that arise in the normal course of operations. In the opinion of management, the ultimate outcome of these actions will not have a material effect on MIT's financial position.

I. Functional Expense Classification

MIT's expenditures on a functional basis are shown in Table 19 below.

Table 19. Expenditures by Functional Classification

(in thousands of dollars)	2012	2011
General and administrative	$ 586,268	$ 523,676
Instruction and unsponsored research	691,903	659,839
Sponsored research	1,335,638	1,265,776
Auxiliary enterprises	120,137	110,631
Operation of Alumni Association	10,640	11,225
Total operating expense	**$ 2,744,586**	**$2,571,147**

J. Retirement Benefits

MIT offers a defined benefit plan and a defined contribution plan to its employees. The plans cover substantially all of MIT's employees.

MIT also provides retiree welfare benefits (certain health care and life insurance benefits) for retired employees. Substantially all of MIT's employees may become eligible for those benefits if they reach a qualifying retirement age while working for MIT. Retiree health plans are paid for in part by retirees, their covered dependents, and beneficiaries. Benefits are provided through various insurance companies whose charges are based either on the claims and administrative expenses paid during the year or annual insured premiums. The basic retiree life insurance plan is non-contributory and covers the retiree only. The supplemental life insurance plan is paid for by the retiree. MIT maintains a trust to pay for retiree welfare benefits.

MIT contributes to the defined benefit plan amounts that are actuarially determined to provide the retirement plan with sufficient assets to meet future benefit requirements. There were no contributions to the defined benefit plan in 2012 or 2011.

For purposes of calculating net periodic pension cost for the defined benefit plan, plan amendments are amortized on a straight-line basis over the average future service to expected retirement of active participants at the date of the amendment. Cumulative gains and losses (including changes in assumptions) in excess of 10 percent of the greater of the projected benefit obligation or the market-related value of assets are amortized over the average future service of active participants. The annual amortization shall not be less than the total amount of unrecognized gains and losses up to $1 million.

J. Retirement Benefits (continued)

The amount contributed and expenses recognized during 2012 and 2011 related to the defined contribution plan were $43.5 million and $40.8 million, respectively.

For purposes of calculating net periodic postretirement welfare benefit cost, a portion of the current obligation, related to the transition to the accounting standard *Employers' Accounting for Postretirement Benefits Other than Pensions*, is being amortized on a straight-line basis over 20 years from the date of adoption of that statement in 1994. Plan changes resulted in a reduction of the remaining transition obligation this fiscal year so 2012 is the final year of amortization. Plan amendments are amortized on a straight-line basis over the average future service to full eligibility of active participants at the date of amendment. Cumulative gains and losses (including changes in assumptions) in excess of 10 percent of the greater of the plan's obligation or the market-related value of assets are amortized over the average future service of active participants. The annual amortization shall not be less than the total amount of unrecognized gains and losses up to $1 million.

Components of Net Periodic Benefit (Income) Cost

Table 20 summarizes the components of net periodic benefit (income) cost recognized in operating activity and other amounts recognized in non-operating activity in unrestricted net assets for the years ended June 30, 2012 and 2011.

Table 20. Components of Net Periodic Benefit (Income) Cost

	Defined benefit plan		Postretirement welfare benefit plan	
(in thousands of dollars)	2012	2011	2012	2011
Components of net periodic benefit (income) cost				
Service cost	$ 61,431	$ 59,892	$ 20,599	$ 19,957
Interest cost	138,858	134,756	26,207	27,380
Expected return on plan assets	(217,979)	(221,135)	(23,399)	(20,142)
Amortization of transition amount	–	–	1,194	4,776
Amortization of net actuarial (gain) loss	(1,000)	(2,323)	9,314	10,266
Amortization of prior service cost	1,970	2,180	(2,100)	3,556
Net periodic benefit (income) cost recognized in operating activity	**(16,720)**	**(26,630)**	**31,815**	**45,793**
Other amounts recognized in non-operating activity in unrestricted net assets				
Current year actuarial (gain) loss	$ 444,241	$ (68,388)	$ (8,118)	$ (18,565)
Amortization of actuarial gain (loss)	1,000	2,323	(9,314)	(10,266)
Current year prior service credit	–	–	(23,919)	–
Amortization of prior service cost	(1,970)	(2,180)	2,100	(3,556)
Reduction in transition obligation due to plan change	–	–	(8,357)	–
Amortization of transition obligation	–	–	(1,194)	(4,776)
Total other amounts recognized in non-operating activity	**443,271**	**(68,245)**	**(48,802)**	**(37,163)**
Total recognized	**$ 426,551**	**$ (94,875)**	**$ (16,987)**	**$ 8,630**

The estimated net actuarial loss and prior service cost for the defined benefit plan that will be amortized from unrestricted net assets into net periodic benefit cost during the next fiscal year are $17.5 million and $1.0 million, respectively. The estimated net actuarial loss and prior service credit for the postretirement welfare benefit plan that will be amortized from unrestricted net assets into net periodic benefit cost during the next fiscal year are $10.6 million and $2.8 million, respectively.

J. Retirement Benefits (continued)

Cumulative amounts recognized as non-operating changes in unrestricted net assets are summarized in the following table for the years ended June 30, 2012 and 2011.

Table 21. Cumulative Amounts Recognized in Unrestricted Net Assets

	Defined benefit plan		Postretirement welfare benefit plan	
(in thousands of dollars)	2012	2011	2012	2011
Amounts recognized in unrestricted net assets consist of:				
Net actuarial loss	$ 571,425	$ 126,184	$ 138,708	$ 156,141
Prior service cost	4,851	6,821	(21,818)	–
Transition liability	–	–	–	9,551
Total cumulative amounts recognized in unrestricted net assets	**$ 576,276**	**$ 133,005**	**$ 116,890**	**$ 165,692**

Benefit Obligations and Fair Value of Assets

Table 22 summarizes the benefit obligations, plan assets, and amounts recognized in the Statements of Financial Position for MIT's retirement benefit plans. MIT uses a June 30 measurement date for its defined benefit pension and postretirement welfare benefit plans.

Table 22. Projected Benefit Obligations and Fair Value of Assets

	Defined benefit plan		Postretirement welfare benefit plan	
(in thousands of dollars)	2012	2011	2012	2011
Change in projected benefit obligations				
Projected benefit obligations at beginning of year	$ 2,458,592	$ 2,293,877	$ 509,838	$ 472,170
Service cost	61,432	59,892	20,599	19,957
Interest cost	138,858	134,756	26,207	27,380
Retiree contributions	–	–	3,834	3,496
Net benefit payments, transfers and other expenses	(116,351)	(115,523)	(22,109)	(23,574)
Plan amendment	–	–	(32,276)	–
Assumption changes and actuarial net loss	348,056	85,590	(16,618)	10,409
Projected benefit obligations at end of year	**2,890,587**	**2,458,592**	**489,475**	**509,838**
Change in plan assets				
Fair value of plan assets at beginning of year	2,572,307	2,312,718	311,629	234,535
Actual return on plan assets	121,795	375,112	14,899	49,116
Employer contributions	–	–	52,920	50,399
Retiree contributions	–	–	3,834	3,496
Net benefit payments, transfers and other expenses	(116,350)	(115,523)	(24,370)	(25,917)
Fair value of plan assets at end of year	**2,577,752**	**2,572,307**	**358,912**	**311,629**
Funded (unfunded) status at end of year	**$ (312,835)**	**$ 113,715**	**$ (130,563)**	**$ (198,209)**
Amounts recognized in the Statements of Financial Position consist of:				
Benefit assets	$ –	$ 113,715	$ –	$ –
Benefit liability	(312,835)	–	(130,563)	(198,209)
Total	**$ (312,835)**	**$ 113,715**	**$ (130,563)**	**$ (198,209)**

J. Retirement Benefits (continued)

The accumulated benefit obligation for MIT's defined benefit plan was $2,681.9 million and $2,305.8 million at June 30, 2012 and 2011, respectively.

January 1, 2012, MIT began providing retiree drug coverage through an Employer Group Waiver Plan (EGWP). Under EGWP, the cost of drug coverage is offset through direct federal subsidies, brand name drug discounts and reinsurance reimbursements. Prior to January 1, 2012, MIT received retiree drug subsidy (RDS) payments directly from the federal government. The net effect of this change reduced the accumulated postretirement benefit obligation $56.4 million at June 30, 2012. This was treated as an actuarial gain.

Assumptions and Health Care Trend Rates

The expected long-term rate of return assumption represents the expected average rate of earnings on the funds invested or to be invested to provide for the benefits included in the benefit obligation. The long-term rate of return assumption is determined based on a number of factors, including historical market index returns, the anticipated long-term asset allocation of the plans, historical plan return data, plan expenses and the potential to outperform market index returns.

Table 23. Assumptions

	Defined benefit plan		Postretirement welfare benefit plan	
	2012	2011	2012	2011
Assumptions used to determine benefit obligation as of June 30:				
Discount rate	4.49%	5.65%	4.41%	5.56%
Rate of compensation increase [1]	4.00%	4.00%		
Assumptions used to determine net periodic benefit (income) cost for year ended June 30:				
Discount rate	5.65%	5.84%	5.56%	5.71%
Expected long-term return on plan assets	8.00%	8.00%	7.00%	7.00%
Rate of compensation increase [1]	4.00%	4.00%		
Assumed health care cost trend rates:				
Health care cost trend rate assumed for next year			7.00%	7.50%
Rate to which the cost trend rate is assumed to decline (the ultimate trend rate)			5.00%	5.00%
Year that the rate reaches the ultimate trend rate			2018	2018

[1] *The average rate of salary increase is assumed to be 4% for 2013, and thereafter.*

As an indicator of sensitivity, a one percentage point change in the assumed health care cost trend rate would effect 2012 as shown in Table 24 below.

Table 24. Health Care Cost Trend Rate Sensitivity

(in thousands of dollars)	1% point increase	1% point decrease
Effect on 2012 postretirement service and interest cost	$ 7,436	$ (6,022)
Effect on postretirement benefit obligation as of June 30, 2012	$ 63,584	$ (52,901)

Plan Investments

The investment objectives for the assets of the plans are to minimize expected funding contributions and to meet or exceed the rate of return assumed for plan funding purposes over the long term. The nature and duration of benefit obligations, along with assumptions concerning asset class returns and return correlations, are considered when determining an appropriate asset allocation to achieve the investment objectives.

Investment policies and strategies governing the assets of the plans are designed to achieve investment objectives within prudent risk parameters. Risk management practices include the use of external investment managers, the maintenance of a portfolio diversified by asset class, investment approach, security holdings, and the maintenance of sufficient liquidity to meet benefit obligations as they come due.

J. Retirement Benefits (continued)

Table 25 presents investments at fair value of MIT's defined benefit plan and postretirement welfare benefit plan, which are included in plan net assets as of June 30, 2012 and 2011, grouped by the valuation hierarchy detailed in Note B. There were no significant transfers in and out of Level 1 and Level 2 fair value measurements in 2012 or 2011.

Table 25A. Defined Benefit Plan Investments

(in thousands of dollars)	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant un-observable inputs (Level 3)	Total fair value
Fiscal year 2012				
Cash and cash equivalents	$ 92,684	$ –	$ –	$ 92,684
US treasury	130,713	–	–	130,713
US goverment agency	–	18,253	–	18,253
Domestic bonds	–	53,331	–	53,331
Foreign bonds	–	265	–	265
Common equity				
Long domestic equity	63,258	996	2,100	66,354
Long foreign equity	14,669	3,721	–	18,390
Equity*				
Absolute return	–	334,067	289,429	623,496
Domestic	–	5,317	297,799	303,116
Foreign	2,874	190,879	158,171	351,924
Private	–	–	431,578	431,578
Real estate	–	–	294,379	294,379
Real assets*	–	18,935	157,611	176,546
Derivatives	(9)	6,976	–	6,967
Total plan investments	**$ 304,189**	**$ 632,740**	**$ 1,631,067**	$ **2,567,996**
Fiscal year 2011				
Cash and cash equivalents	$ 32,893	$ –	$ –	$ 32,893
US treasury	188,705	–	–	188,705
US goverment agency	–	10,604	–	10,604
Domestic bonds	–	59,291	–	59,291
Foreign bonds	–	268	–	268
Common equity				
Long domestic equity	72,774	–	1,049	73,823
Long foreign equity	9,198	7,173	–	16,371
Equity*				
Absolute return	–	219,631	444,384	664,015
Domestic	18,900	5,467	175,339	199,706
Foreign	112,775	166,418	137,014	416,207
Private	–	–	399,681	399,681
Real estate	–	–	282,404	282,404
Real assets*	–	22,393	180,268	202,661
Derivatives	(17)	13,230	–	13,213
Total plan investments	**$ 435,228**	**$ 504,475**	**$ 1,620,139**	$ **2,559,842**

**Real assets and Equity categories include commingled vehicles that invest in these types of investments*

J. Retirement Benefits (continued)

Table 25B. Postretirement Welfare Benefit Plan Investments

(in thousands of dollars)	Quoted prices in active markets (Level 1)	Significant other observable inputs (Level 2)	Significant un-observable inputs (Level 3)	Total fair value
Fiscal year 2012				
Cash and cash equivalents	$ 26,512	$ –	$ –	$ 26,512
US goverment agency	–	2,147	–	2,147
Domestic bonds**	–	66,632	–	66,632
Common equity				
Long domestic equity	24,026	–	–	24,026
Long foreign equity	1,565	–	–	1,565
Equity*				
Absolute return	–	53,986	21,705	75,691
Domestic	–	325	49,236	49,561
Foreign	6,146	64,168	5,906	76,220
Private	–	–	16,936	16,936
Real estate	–	–	14,627	14,627
Real assets*	–	–	3,502	3,502
Derivatives	–	1,596	–	1,596
Total plan investments	**$ 58,249**	**$ 188,854**	**$ 111,912**	$ **359,015**
Fiscal year 2011				
Cash and cash equivalents	$ 5,765	$ –	$ –	$ 5,765
US goverment agency	–	–	–	–
Domestic bonds**	–	67,143	–	67,143
Common equity				
Long domestic equity	17,145	–	–	17,145
Long foreign equity	1,050	–	–	1,050
Equity*				
Absolute return	–	30,622	22,134	52,756
Domestic	3,086	35,374	19,876	58,336
Foreign	29,299	44,790	8,670	82,759
Private	–	–	11,786	11,786
Real estate	–	–	10,344	10,344
Real assets*	–	–	3,059	3,059
Derivatives	–	1,581	–	1,581
Total plan investments	**$ 56,345**	**$ 179,510**	**$ 75,869**	$ **311,724**

**Real assets and Equity categories include commingled vehicles that invest in these types of investments*
*** Includes common collective trusts (CCTs)*

J. Retirement Benefits (continued)

Table 26 is a rollforward of the investments classified by MIT's defined benefit plan and postretirement welfare benefit plan within Level 3 of the fair value hierarchy defined in Note B as at June 30, 2012 and 2011.

Table 26. Rollforward of Level 3 Investments

(in thousands of dollars)	Fair Value Beginning	Realized Gains (Losses)	Unrealized Gains (Losses)	Purchases	Sales	Transfer of Assets between Levels	Fair Value Ending
Defined Benefit Plan							
Fiscal Year 2012							
Common equity							
Domestic equity	$ 1,049	$ 544	$ –	$ 1,191	$ (684)	$ –	$ 2,100
Equity:							
Absolute return	444,384	(1,938)	(1,054)	41,047	(43,593)	(149,417)	289,429
Domestic	175,339	(3,639)	40,285	98,279	(12,465)	–	297,799
Foreign	137,014	(7,051)	10,225	40,908	(22,925)	–	158,171
Private	399,681	(11,085)	23,412	68,569	(48,999)	–	431,578
Real estate	282,404	–	9,552	52,080	(49,657)	–	294,379
Real assets	180,268	–	(12,828)	4,307	(14,136)	–	157,611
Total plan investments	**$ 1,620,139**	**$ (23,169)**	**$ 69,592**	**$ 306,381**	**$ (192,459)**	**$ (149,417)**	**$ 1,631,067**
Fiscal Year 2011							
Common equity							
Domestic equity	$ 1,049	$ –	$ –	$ –	$ –	$ –	$ 1,049
Equity:							
Absolute return	596,309	–	55,281	20,657	(51,353)	(176,510)	444,384
Domestic	97,514	–	35,124	49,530	(4,879)	(1,950)	175,339
Foreign	84,592	(28)	25,676	27,107	(333)	–	137,014
Private	351,093	–	17,445	73,677	(42,534)	–	399,681
Real estate	227,871	(3,012)	20,461	63,820	(26,736)	–	282,404
Real assets	190,994	–	12,321	7,775	(11,917)	(18,905)	180,268
Total plan investments	**$ 1,549,422**	**$ (3,040)**	**$ 166,308**	**$ 242,566**	**$ (137,752)**	**$ (197,365)**	**$ 1,620,139**
Postretirement Welfare Benefit Plan							
Fiscal Year 2012							
Equity:							
Absolute return	$ 22,134	$ –	$ 230	$ 3,827	$ (2,560)	$ (1,926)	$ 21,705
Domestic	19,876	–	5,292	24,068	–	–	49,236
Foreign	8,670	(730)	1,115	2,400	(2,424)	(3,125)	5,906
Private	11,786	–	969	5,508	(1,327)	–	16,936
Real estate	10,344	–	1,393	5,044	(2,154)	–	14,627
Real assets	3,059	–	121	371	(49)	–	3,502
Total plan investments	**$ 75,869**	**$ (730)**	**$ 9,120**	**$ 41,218**	**$ (8,514)**	**$ (5,051)**	**$ 111,912**
Fiscal Year 2011							
Equity:							
Absolute return	$ 34,226	$ –	$ 3,275	$ 994	$ (2,346)	$ (14,015)	$ 22,134
Domestic	7,832	–	2,951	9,093	–	–	19,876
Foreign	12,995	(3)	802	3,044	(24)	(8,144)	8,670
Private	6,182	–	1,125	5,106	(627)	–	11,786
Real estate	7,140	–	1,717	3,440	(1,953)	–	10,344
Real assets	2,408	–	222	431	(2)	–	3,059
Total plan investments	**$ 70,783**	**$ (3)**	**$ 10,092**	**$ 22,108**	**$ (4,952)**	**$ (22,159)**	**$ 75,869**

J. Retirement Benefits (continued)

The Plans have made investments in various long-lived partnerships, and in other cases, have entered into contractual arrangements that may limit their ability to initiate redemptions due to notice periods, lock-ups and gates. Details on estimated remaining life, current redemption terms and restrictions by asset class and type of investment for both the defined benefit plan and postretirement welfare plan are provided below as of June 30, 2012 and 2011.

Table 27. Unfunded Commitments

Asset Class *(in thousands of dollars)*	2012 Unfunded Commitments	2012 Fair Value	2011 Unfunded Commitments	2011 Fair Value	Redemption Terms	Redemption Restrictions
Defined Benefit Plan						
Equity:						
Domestic	$ 2,382	$ 303,116	$ 12,034	$ 199,706	Redemption terms range from daily to annually with 90 days notice	Lock-up provisions range from none to 4 years
Foreign	$ 54,900	$ 351,924	$ –	$ 416,207	Redemption terms range from daily to quarterly with 90 days notice	Lock-up provisions range from none to 5 years
Absolute return	$ 25,724	$ 623,496	$ 33,009	$ 664,015	Redemption terms range from monthly with 3 business days notice to closed end structures not available for redemption	Lock-up provisions range from none to not redeemable
Private	$ 232,418	$ 431,578	$ 212,575	$ 399,681	Closed end funds not eligible for redemption	Not redeemable
Real estate	$ 185,374	$ 294,379	$ 191,106	$ 282,404	Redemption terms range from 1 fund quarterly with 45 days notice to all other funds are closed end funds not eligible for redemption	Not redeemable except for 1 holding with a lock-up provision of 5 years
Real assets	$ 39,427	$ 176,546	$ 29,448	$ 202,661	Redemption terms range from 1 fund annually with 90 days notice to all other funds are closed end funds not eligible for redemption	Not redeemable except for 1 fund with a lock-up provision of 4 year
Totals	**$ 540,225**	**$ 2,181,039**	**$ 478,172**	**$ 2,164,674**		
Postretirement Welfare Benefit Plan						
Equity:						
Domestic	$ 265	$ 49,561	$ 559	$ 58,336	Redemption terms range from quarterly with 60 days notice to annually with 90 days notice	Lock-up provisions range from 30 months to 4 years
Foreign	$ 6,100	$ 76,220	$ –	$ 82,759	Redemption terms range from daily with 28 days notice to annually with 60 days notice	Lock-up provisions range from none to 5 years
Absolute return	$ 1,577	$ 75,691	$ 2,844	$ 52,756	Redemption terms range from monthly with 3 business days notice to quarterly with 90 days notice	Lock-up provisions range from none to 5 years
Private	$ 21,754	$ 16,936	$ 16,931	$ 11,786	Closed end funds not eligible for redemption	Not redeemable
Real estate	$ 16,780	$ 14,627	$ 16,461	$ 10,344	Closed end funds not eligible for redemption	Not redeemable
Real assets	$ 3,938	$ 3,502	$ 2,763	$ 3,059	Closed end funds not eligible for redemption	Not redeemable
Totals	**$ 50,414**	**$ 236,537**	**$ 39,558**	**$ 219,040**		

J. Retirement Benefits (continued)

Target allocations and weighted-average asset allocations of the investment portfolio for the MIT defined benefit plan and postretirement welfare benefit plan at June 30, 2012 and 2011 are shown in Table 28.

Table 28. Plan Investment Allocation

	Defined benefit plan Plan assets as of June 30			Postretirement welfare benefit plan Plan assets as of June 30		
	Target Allocation	2012	2011	Target Allocation	2012	2011
Cash & cash equivalents	–	4%	2%	–	8%	2%
Fixed income	8%	8%	10%	20%	19%	22%
Equities	52%	53%	51%	50%	48%	55%
Marketable alternatives	29%	24%	26%	25%	21%	18%
Real estate	11%	11%	11%	5%	4%	3%
Total	**100%**	**100%**	**100%**	**100%**	**100%**	**100%**

The following table summarizes the notional exposure and net ending fair value of derivative financial instruments held by the MIT defined benefit plan at June 30, 2012 and 2011. Refer to Note C for detailed discussion regarding derivative financial instruments.

Table 29A. Derivative Financial Instruments for Defined Benefit Plan

(in thousands of dollars)	Notional exposure Long	Notional exposure Short	Net ending fair value amount	Net gain (loss)
Fiscal year 2012				
Fixed income instruments				
Fixed income futures	$ –	$ (3,700)	$ (9)	$ 8
Interest rate swaps	–	(3,743)	(85)	(1,056)
Total fixed income instruments	–	(7,443)	(94)	(1,048)
Commodity and other instruments				
IOS index swaps	$ –	$ (7,322)	$ 5	$ 205
Total index instruments	–	(7,322)	5	205
Credit instruments	–	(13,027)	7,056	(27)
2012 Total	**$ –**	**$ (27,792)**	**$ 6,967**	**$ (870)**
Fiscal year 2011				
Fixed income instruments				
Fixed income futures	$ 1,000	$ (6,600)	$ (17)	$ (179)
Interest rate swaps	–	(13,206)	(23)	(23)
Total fixed income instruments	1,000	(19,806)	(40)	(202)
Credit instruments	–	(24,565)	13,253	(736)
2011 Total	**$ 1,000**	**$ (44,371)**	**$ 13,213**	**$ (938)**

J. Retirement Benefits (continued)

Table 29B. Derivative Financial Instruments for Postretirement Welfare Benefit Plan

(in thousands of dollars)	Notional exposure Long	Notional exposure Short	Net ending fair value amount	Net gain (loss)
Fiscal year 2012				
Fixed income instruments				
Interest rate swaps	$ –	$ (857)	$ (19)	$ (242)
Total fixed income instruments	–	(857)	(19)	(242)
Commodity and other instruments				
IOS index swaps	$ –	$ (1,675)	$ 1	$ 47
Total index instruments	–	(1,675)	1	47
Credit instruments	–	(2,981)	1,614	(6)
2012 Total	**$ –**	**$ (5,513)**	**$ 1,596**	**$ (201)**
Fiscal year 2011				
Fixed income instruments				
Interest rate swaps	$ –	$ (1,578)	$ (3)	$ (3)
Total fixed income instruments	–	(1,578)	(3)	(3)
Credit instruments	–	(2,935)	1,584	(88)
2011 Total	**$ –**	$ (4,513)	**$ 1,581**	**$ (91)**

The table on the next page summarizes the notional amounts and fair value of the purchased and written credit derivatives classified by the expiration terms and the external credit ratings of the reference obligations at June 30, 2012 and 2011.

J. Retirement Benefits (continued)

Table 30. Credit Derivatives

(in thousands of dollars)	Purchased protection: Purchased notional amounts	Purchased protection: Purchased fair value*	Purchased protection: Years to maturity < 5 years	Purchased protection: Years to maturity 5-10 years	Net gain/loss
Defined Benefit Plan					
Fiscal year 2012					
Credit rating on underlying or index					
ABX-AA index	$ 13,027	$ 7,056	$ –	$ 13,027	$ 65
ABX-AAA index	–	–	–	–	(92)
2012 Total	**$ 13,027**	**$ 7,056**	**$ –**	**$ 13,027**	**$ (27)**
Fiscal year 2011					
Credit rating on underlying or index					
ABX-AA index	$ 24,565	$ 13,253	$ –	$ 24,565	$ (736)
2011 Total	**$ 24,565**	**$ 13,253**	**$ –**	**$ 24,565**	**$ (736)**
Postretirement Welfare Benefit Plan					
Fiscal year 2012					
Credit rating on underlying or index					
ABX-AA index	$ 2,981	$ 1,614	$ –	$ 2,981	$ 15
ABX-AAA index	–	–	–	–	(21)
2012 Total	**$ 2,981**	**$ 1,614**	**$ –**	**$ 2,981**	**$ (6)**
Fiscal year 2011					
Credit rating on underlying or index					
ABX-AA index	$ 2,935	$ 1,584	$ –	$ 2,935	$ (88)
2011 Total	**$ 2,935**	**$ 1,584**	**$ –**	**$ 2,935**	**$ (88)**

** The fair value of all credit derivative instruments is reflected in investments, at fair value in the Statements of Financial Position.*

J. Retirement Benefits (continued)

Contributions

MIT expects to contribute $32.0 million and $13.7 million to its defined benefit pension plan and to its postretirement welfare benefit plan in 2013, respectively. These contributions have been estimated based on the same assumptions used to measure MIT's benefit obligations at June 30, 2012. MIT also contributed $52.9 million and $50.4 million to the postretirement welfare benefit plan in 2012 and 2011, respectively.

Expected Future Benefit Payments

Table 31 reflects total expected benefit payments for the defined benefit and postretirement welfare benefit plans, as well as expected receipt of the federal subsidy. These payments have been estimated based on the same assumptions used to measure MIT's benefit obligations at June 30, 2012.

Table 31. Expected Future Benefit Payments

(in thousands of dollars)	Pension benefits	Other benefits[1]
2013	$ 144,049	$ 27,946
2014	149,891	29,833
2015	155,967	31,565
2016	162,285	33,233
2017	168,857	34,818
2018–2022	959,433	196,818

[1]*Other benefits reflect the total net benefits expected to be paid from the plans (i.e., gross benefit reimbursements offset by retiree contributions).*

K. Components of Net Assets and Endowment

Table 32 below presents the three categories of net assets by purpose as of June 30, 2012. The amounts listed in the unrestricted column under endowment funds are those gifts and other funds received over the years that MIT designated as funds functioning as endowment and invested with the endowment funds. A large component of temporarily restricted net assets in other invested funds is pledges, the majority of which will be reclassified to unrestricted net assets when cash is received.

Table 32. Fund Category

(in thousands of dollars)	2012 Unrestricted	2012 Temporarily restricted	2012 Permanently restricted	2012 Total	2011 Total
Endowment funds					
General purpose	$ 694,038	$ 814,080	$ 462,659	$ 1,970,777	$ 1,913,280
Departments and research	450,182	729,251	448,136	1,627,569	1,532,928
Library	9,320	16,539	7,876	33,735	32,845
Salaries and wages	424,697	1,932,018	622,543	2,979,258	2,869,660
Graduate general	59,528	98,188	83,660	241,376	231,063
Graduate departments	79,647	236,635	192,477	508,759	483,447
Undergraduate	169,416	805,293	315,873	1,290,582	1,261,609
Prizes	6,578	20,682	18,015	45,275	43,108
Miscellaneous	818,741	133,326	209,110	1,161,177	1,061,146
Investment income held for distribution	291,056	–	–	291,056	283,542
Endowment funds before pledges	3,003,203	4,786,012	2,360,349	10,149,564	9,712,628
Pledges	–	–	158,710	158,710	140,946
Total endowment funds	**3,003,203**	**4,786,012**	**2,519,059**	**10,308,274**	**9,853,574**
Other invested funds					
Student loan funds	21,419	–	16,683	38,102	36,632
Building funds	60,772	18,014	–	78,786	96,236
Designated purposes:					
– Departments and research	270,541	–	–	270,541	280,162
– Other purposes	113,768	44,158	–	157,926	89,883
Reserve funds	151,335	–	–	151,335	123,903
Real estate gifts held for sale	1,592	–	–	1,592	6,261
Life income funds	5,688	50,435	77,096	133,219	130,183
Pledges	-	320,948	–	320,948	282,019
Other funds available for current expenses	375,049	77,987	–	453,036	648,039
Funds expended for educational plant	581,149	–	–	581,149	558,798
Total other funds	1,581,313	511,542	93,779	2,186,634	2,252,116
Noncontrolling interests	304,436	–	–	304,436	282,041
Total net assets at fair value	**$ 4,888,952**	**$ 5,297,554**	**$ 2,612,838**	**$ 12,799,344**	**$12,387,731**

K. Components of Net Assets and Endowment (continued)

MIT's endowment consists of approximately 3,500 individual funds established for a variety of purposes and includes both donor-restricted endowment funds and funds designated by the Executive Committee of the MIT Corporation (Executive Committee) to function as endowment. As required by GAAP, net assets associated with endowment funds, including funds designated by the Executive Committee to function as endowments, are classified and reported based on the existence or absence of donor-imposed restrictions.

The Executive Committee of MIT has interpreted the Massachusetts-enacted version of Uniform Prudent Management of Institutional Funds Act (UPMIFA) as allowing MIT to appropriate for expenditure or accumulate so much of an endowment fund as MIT determines is prudent for the uses, benefits, purposes and duration for which the endowment fund is established, subject to the intent of the donor as expressed in the gift instrument. Unless stated otherwise in the gift instrument, the assets in an endowment fund shall be donor-restricted assets until appropriated for expenditure by the Executive Committee. As a result of this interpretation, MIT has not changed the way permanently restricted net assets are classified. See Note A for further information on net asset classification. The remaining portion of the donor-restricted endowment fund that is not classified in permanently restricted net assets is classified as temporarily restricted net assets until those amounts are appropriated for expenditure in a manner consistent with the standard of prudence prescribed by UPMIFA. In accordance with UPMIFA, the Executive Committee considers the following factors in making a determination to appropriate or accumulate endowment funds:

i. the duration and preservation of the fund
ii. the purposes of MIT and the endowment fund
iii. general economic conditions
iv. the possible effects of inflation and deflation
v. the expected total return from income and the appreciation of investments
vi. other resources of MIT
vii. the investment policies of MIT

Table 33. Endowment Net Asset Composition by Type of Fund

(in thousands of dollars)	Unrestricted	Temporarily restricted	Permanently restricted	Total
Fiscal year 2012				
Donor-restricted endowment funds	$ (3,444)	$ 4,786,012	$ 2,519,059	$ 7,301,627
Board-designated endowment funds	3,006,647	–	–	3,006,647
Total endowment funds	**$ 3,003,203**	**$ 4,786,012**	**$ 2,519,059**	**$10,308,274**
Fiscal year 2011				
Donor-restricted endowment funds	$ (7,071)	$ 4,598,751	$ 2,365,228	$ 6,956,908
Board-designated endowment funds	2,896,666	–	–	2,896,666
Total endowment funds	**$ 2,889,595**	**$ 4,598,751**	**$ 2,365,228**	**$ 9,853,574**

Underwater Endowment Funds

From time to time, the fair value of assets associated with individual donor-restricted endowment funds may fall below the value of the initial and subsequent donor gift amounts (underwater). When underwater endowment funds exist, they are classified as a reduction of unrestricted net assets. Total underwater endowment funds reported in unrestricted net assets were $3.4 million and $7.1 million as of June 30, 2012 and 2011, respectively. The underwater status of these funds resulted from unfavorable market fluctuations.

K. Components of Net Assets and Endowment (continued)

Table 34. Changes in Endowment Net Assets

(in thousands of dollars)	Unrestricted	Temporarily restricted	Permanently restricted	Total
Fiscal year 2012				
Endowment net assets, June 30, 2011	$ 2,889,595	$ 4,598,751	$ 2,365,228	$ 9,853,574
Investment return:				
Investment income	20,170	37,982	19,921	78,073
Net appreciation (realized and unrealized)	201,806	447,240	15,200	664,246
Total investment return	221,976	485,222	35,121	742,319
Contributions	-	-	115,592	115,592
Appropriation of endowment assets for expenditure	(142,780)	(312,757)	(13,067)	(468,604)
Other changes:				
Underwater gain adjustment	3,627	(3,627)	-	-
Net asset reclassifications and transfers to create board-designated endowment funds	30,785	18,423	16,185	65,393
Endowment net assets, June 30, 2012	**$ 3,003,203**	**$ 4,786,012**	**$ 2,519,059**	**$10,308,274**
Fiscal year 2011				
Endowment net assets, June 30, 2010	$ 2,498,428	$ 3,945,500	$ 2,019,530	$ 8,463,458
Investment return:				
Investment income	24,744	47,678	17,057	89,479
Net appreciation (realized and unrealized)	423,568	906,844	11,961	1,342,373
Total investment return	448,312	954,522	29,018	1,431,852
Contributions	–	–	313,644	313,644
Appropriation of endowment assets for expenditure	(134,428)	(300,831)	(9,577)	(444,836)
Other changes:				
Underwater gain adjustment	22,035	(22,035)	–	–
Net asset reclassifications and transfers to create board-designated endowment funds	55,248	21,595	12,613	89,456
Endowment net assets, June 30, 2011	**$ 2,889,595**	**$ 4,598,751**	**$ 2,365,228**	**$ 9,853,574**

K. Components of Net Assets and Endowment (continued)

Investment and Spending Policies

MIT maintains its investments primarily in two investment pools: Pool A, principally for endowment and funds functioning as endowment, and Pool C, principally for investment of current funds of MIT's schools and departments and MIT's operating funds. Pool A operates as a mutual fund with units purchased and redeemed based on the previous month's unit market value of Pool A. The total market value of Pool A was $10,970.0 million at June 30, 2012 and $10,041.1 million at June 30, 2011. Pool A includes certain operating and life income funds totaling $1,246.5 million at June 30, 2012 and $754.5 million at June 30, 2011. Certain assets are also maintained in separately invested funds. Separately invested funds totaled $426.3 million as of June 30, 2012 and $424.4 million as of June 30, 2011.

MIT has adopted endowment investment and spending policies designed to provide a predictable stream of funding to programs supported by its endowment while maintaining the purchasing power of endowment assets. An additional investment goal is to maximize return relative to appropriate risk such that performance exceeds appropriate benchmark returns at the total pool, asset class and individual manager levels.

To achieve its long-term rate-of-return objectives, MIT relies on a total return strategy in which investment returns are realized through both capital appreciation (realized and unrealized gains) and current yield (interest and dividends). MIT targets a diversified asset allocation that places greater emphasis on equity-based investments to achieve its long-term objectives within prudent risk constraints.

The Executive Committee of the Corporation votes to distribute funds for operational support from general investments. In accordance with MIT's spending policy, these distributions are funded from both investment income and market appreciation. The distribution rates were $58.73 and $56.75 per Pool A unit as of June 30, 2012 and 2011, respectively. In 2012, the amount distributed for spending from Pool A and Pool C totaled $554.3 million, compared to $513.6 million distributed in the prior year. During 2012, distributions from separately invested funds were $13.1 million, compared to $10.5 million in 2011. The income earned in Pool C, or currently invested funds, was fully distributed. In addition to the aforementioned distributions, there was also a special distribution of $17.7 million and $10.8 million from gains in Pool C in 2012 and 2011, respectively.

SECTION II

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS

Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2012

Federal Grantor/ Pass Through Grantor/ Program Title	Federal CFDA Number	Federal Expenditures
Research and Development Cluster		
U.S. Department of Defense:		
Air Force		$ 325,874,192
Army		83,082,711
Navy		53,687,632
Defense Advance Research Project Agency (DARPA)		38,519,997
Ballistic Missile Defense Organization (MDA)		49,072,933
National Security Agency (NSA)		13,313,527
Classified		116,537,220
Other DOD		159,194,274
Passthrough		51,341,306
Total Department of Defense		$ 890,623,792
U.S. Department of Energy		82,012,525
U.S. Department of Energy - Passthrough		12,249,817
U.S. Department of Health and Human Services		135,029,598
U.S. Department of Health and Human Services - Passthrough		17,481,426
National Aeronautics & Space Administration		35,391,771
National Aeronautics & Space Administration - Passthrough		10,097,564
National Science Foundation		65,216,784
National Science Foundation - Passthrough		16,694,865
Federal Aviation Administration (FAA)		31,794,418
National Oceanic & Atmospheric Administration		4,644,963
Other Federal Sponsors		15,362,668
Other Federal Sponsors - Passthrough		1,240,813
Total Research and Development, non-capital projects	Appendix A	$ 1,317,841,004
Research and Development, Capital Projects - ARRA	Note 5	7,196,628
Total Research and Development Cluster*		$ 1,325,037,632
NSF Fellowships		
National Science Foundation Fellowships	47.076	$ 12,404,803

* These programs include ARRA expenditures, which are detailed in Appendix A, B, and C.

The accompanying notes are an integral part of this schedule.

Federal Grantor/ Pass Through Grantor/ Program Title	Federal CFDA Number	Federal Expenditures
Student Financial Assistance Cluster		
U.S. Department of Education:		
Grants:		
Federal Pell Grants	84.063	$ 3,673,066
Federal Supplemental Educational Opportunity Grants	84.007	1,875,059
Federal Work Study	84.033	1,790,046
Federal Perkins Loan:	84.038	
New Loans		7,172,191
Balance Outstanding From Prior Years		31,244,567
Loan Administrative Cost Allowance		441,674
William D. Ford Federal Direct Loan Program:		
Direct Subsidized and Unsubsidized Loans	84.268	14,510,618
Direct Plus Loan for Parents and for Graduate or Professional Students	84.268	8,910,406
Total Student Financial Assistance Cluster		$ 69,617,627
Other Programs:		
Department of Defense	Appendix B	$ 228,183
Department of Defense - Passthrough	Appendix C	4,003,179
Department of Energy	Appendix B	389,333
Department of Energy - Passthrough	Appendix C	345,413
Department of Health and Human Services	Appendix B	2,138,548
Department of Health and Human Services - Passthrough	Appendix C	55,483
National Aeronautics & Space Administration	Appendix B	1,598,466
National Aeronautics & Space Administration - Passthrough	Appendix C	563,385
National Science Foundation	Appendix B	3,154,886
National Science Foundation - Passthrough	Appendix C	841,749
Miscellaneous Federal Government**	Appendix B	1,254,111
Miscellaneous Federal Government - Passthrough	Appendix C	290,310
Total Other Programs*		$ 14,863,046
Total Federal Expenditures		$ 1,421,923,108

* These programs include ARRA expenditures, which are detailed in Appendix A, B, and C.
** Includes Department of Education

The accompanying notes are an integral part of this schedule.

Massachusetts Institute of Technology
Notes to Schedule of Expenditures of Federal Awards
June 30, 2012

1. Basis of Presentation

The accompanying schedule of expenditures of federal awards and appendices A, B and C (the "Schedule") summarizes the expenditures of the Massachusetts Institute of Technology (the "Institute") under programs of the federal government for the year ended June 30, 2012. Because the Schedule presents only a selected portion of the activities of the Institute, it is not intended to and does not present the financial position, changes in net assets and cash flows of the Institute. The accompanying appendices A, B, and C provide detail on the federal awards expended by the Institute.

For purposes of the Schedule, federal awards include all grants, contracts and similar agreements entered into directly between the Institute and agencies and departments of the federal government and all subawards to the Institute by nonfederal organizations pursuant to federal grants, contracts and similar agreements. The information in this schedule is presented in accordance with the provisions of Office of Management and Budget Circular A-133, *Audits of States, Local Governments, and Nonprofit Organizations.* Therefore, certain amounts presented in the Schedule may differ from amounts presented in, or used in preparation of, the consolidated financial statements. CFDA and pass-through numbers are provided when available. Negative amounts represent adjustments to amounts reported in prior years in the normal course of business.

2. Summary of Significant Accounting Policies for Federal Expenditures

Expenditures for direct costs are recognized as incurred using the accrual method of accounting and the cost accounting principles contained in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under those cost principles, certain types of expenditures are not allowable or are limited as to reimbursement. Moreover, expenditures include a portion of costs associated with general Institute activities (facilities and administrative costs) which are allocated to awards under negotiated formulas commonly referred to as facilities and administrative rates.

The Institute receives funding from federal government agencies for sponsored research under government grants and contracts. These grants and contracts provide for reimbursement of indirect costs based on rates negotiated with the Office of Naval Research (ONR), the Institute's cognizant federal agency. The Institute's indirect cost reimbursements are based on fixed rates with carryforward of under or over recoveries.

The Defense Contract Audit Agency (DCAA) is responsible for auditing indirect charges to grants and contracts. The Institute has final audited rates through 2009 and negotiated fixed rates for indirect costs through the 2013 fiscal year.

3. Federal Student Loan Programs

The Federal Perkins Loan Program (CFDA #84.038) is administered directly by the Institute and balances and transactions relating to this program are included in the Institute's consolidated financial statements. The amount of Perkins loan principal cancelled during the 2012 fiscal year was $17,727 (CFDA #84.037).

The William D. Ford Federal Direct Loan Programs (CFDA #84.268) are not administered by the Institute and balances and transactions relating to these programs are not included in the Institute's consolidated financial statements.

4. Subrecipients

In the Research and Development cluster (Appendix A-1, Appendix A-2 and Appendix A-3), a total of $112,100,976 was passed-on to subrecipients.

For other programs (Appendix B and Appendix C), a total of $161,082 was passed-on to subrecipients, as follows:

Project Name	CFDA	Amount Passed to Subrecipients
Can/National Needs Grant: Summer Of Innovation Pilot	43.	$ 66,109
CDIO In Aerospace Engineering Education	43.	78,248
Space Systems Laboratory (Zero Robotics)	43.	12,000
Policy Analysis for Complex Transport System	84.116J	4,725

5. ARRA Research and Development Capital Projects

In the Research and Development Cluster, the following amount was expended related to capital projects under a direct award received:

Project Name	Department	CFDA	Federal Expenditures
ARRA – Extramural Research Facilities Improvements	NIH	93.702	$7,196,628

Appendix A
Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards - Worksheet
Federal Research Support
FY 12 Expenditures

Sponsor	Campus Direct (Appendix A-1)	Lincoln Direct (Appendix A-2)	Lincoln Passthrough (Appendix A-2)	Campus Passthrough (Appendix A-3)	Total
U.S. Department of Defense:					
Air Force	$ 11,099,407	$ 314,774,785	$ -	$ -	$ 325,874,192
Army	28,544,675	54,538,036	-	-	83,082,711
Navy	25,840,021	27,847,611	-	-	53,687,632
DARPA	3,914,993	34,605,004	-	-	38,519,997
MDA	-	49,072,933	-	-	49,072,933
NSA	-	13,313,527	-	-	13,313,527
Classified	-	116,537,220	-	-	116,537,220
Other DOD	1,633,745	157,560,529	-	-	159,194,274
Passthrough	-	-	493,043	50,848,263	51,341,306
Total Department of Defense	71,032,841	768,249,645	493,043	50,848,263	890,623,792
U.S. Department of Energy	78,733,918	3,278,607	43,696	12,206,121	94,262,342
U.S. Department of Health & Human Services	116,147,627	18,881,971	171,927	17,309,499	152,511,024
National Aeronautics & Space Administration	20,446,908	14,944,863	340,895	9,756,669	45,489,335
National Science Foundation	65,216,784	-	178,991	16,515,874	81,911,649
Federal Aviation Administration (FAA)	-	31,794,418	-	-	31,794,418
National Oceanic & Atmospheric Administration	-	4,644,963	-	-	4,644,963
Other Federal Sponsors:					
Department of Agriculture	6,986	-	-	-	6,986
Department of Commerce	3,023,637	-	-	-	3,023,637
Department of Education	514,931	-	-	-	514,931
Department of Interior	632,276	-	-	-	632,276
Department of Transportation	2,994,881	-	-	-	2,994,881
Environmental Protection Agency	746,756	-	-	-	746,756
Nuclear Regulatory Commission	329,802	-	-	-	329,802
Other	4,878,185	2,235,214	-	-	7,113,399
Passthrough	-	-	-	1,240,813	1,240,813
Total Other Federal Sponsors	13,127,454	2,235,214	-	1,240,813	16,603,481
Total Federal Sponsors	**$ 364,705,532**	**$ 844,029,681**	**$ 1,228,552**	**$ 107,877,239**	**$ 1,317,841,004**

Note for Appendices A-1, A-3, B and C details: Contracts without CFDA numbers were shown as ".CCC" in the CFDA# column.

Appendix A-1 - Detail
Massachusetts Institute of Technology
Federal Research Support - On Campus
Fiscal 2012 Expenditures

Department of Defense

Air Force

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA7014-09-D-0011	Enterprise Transformation IDIQ: Task 1 Program Portfolio Index	12.CCC	137
FA7014-09-D-0011	Task Order 0004 Child: Collaborative Initiatives	12.CCC	154,807
FA7014-09-D-0011	Task Order 0002: Applying Lean to Mental Health Services Enterprise	12.CCC	215,286
FA7014-09-D-0011	Task Order 0004: Applying Lean to Mental Health Services Enterprise	12.CCC	593,983
FA8650-07-C-7704	Hybrid Insect - MEMS Univ. of Washington Subaward	12.CCC	-5,897
FA8650-07-C-7704	Hybrid Insect - MEMS - Lang Child	12.CCC	-212
FA8650-07-C-7704	Hybrid Insect - MEMS - Supplemental Funds	12.CCC	39,205
FA8650-07-C-7704	MEMS - Grad Student Supplemental Funds	12.CCC	41,646
FA8650-10-C-7084	Metric of Adaptability for Cyber-Physical Systems	12.CCC	157,439
	Total for 12.CCC		**1,196,394**

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA70001020040	Space Engineering	12.800	80,617
	Total for 12.800		**80,617**
	Total for Air Force		**1,277,011**

Air Force Office of Scientific Research - AFOSR

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA 9550-11-1-0150	An Optimization Framework for Air Force Logistics Models	12.800	229,127
FA9550-06-1-0470	Si-Laser MURI-Cornell Univ	12.800	45,249
FA9550-06-1-0470	Si-Laser MURI-Kimerling	12.800	193,750
FA9550-06-1-0470	Si-Laser MURI-Jurgen Michel	12.800	70,243
FA9550-06-1-0470	Si-Laser MURI-Lehigh University	12.800	58,883
FA9550-06-1-0470	Si-Laser MURI-Boston Univ.	12.800	10,537
FA9550-06-1-0470	Si-Laser MURI	12.800	1
FA9550-06-1-0470	Si-Laser MURI-Stanford University	12.800	6,754
FA9550-06-1-0470	Si-Laser MURI-California Institue of Tech.	12.800	5,887
FA9550-06-1-0470	Si-Laser MURI-U of Delaware	12.800	31,906
FA9550-08-1-0159	Medard - Child Account	12.800	99,590
FA9550-08-1-0159	Katabi - Child Account	12.800	35,899

Appendix A-1 - Detail
Massachusetts Institute of Technology
Federal Research Support - On Campus
Fiscal 2012 Expenditures

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA9550-08-1-0159	Non-DOD Cap Funds - FY11 Appropriation	12.800	110,380
FA9550-08-1-0180	DoDCAP Funds FY10 Appropriation-Willsky	12.800	20,878
FA9550-08-1-0304	DoD Cap Funds FY 11 - Van Vliet	12.800	99,183
FA9550-08-1-0304	Non-capped DoD Funds FY12 - Van Vliet	12.800	82,603
FA9550-08-1-0321	DoDCAP: Funds FY10 Appropriation - Buehler	12.800	-1,365
FA9550-08-1-0350	DOD Cap Funds - F/Y 10 Appropriation	12.800	4,780
FA9550-08-1-0350	DOD Cap Funds - AFOSR Child: Parrilo FY10	12.800	128
FA9550-08-1-0379	MURI Dod CAP funds FY10 Appropriation.	12.800	-107,345
FA9550-08-1-0379	Smith - Child Account - Barbastathis	12.800	17,409
FA9550-08-1-0379	Smith - Child Account - Subcontract to Purdue University	12.800	38,539
FA9550-08-1-0379	DoD FY2011 Funding - Uncapped	12.800	590,695
FA9550-08-1-0379	Fy10 MURI sub to Purdue Membrane Technology and 3D Photonic-Crystal Devi	12.800	64,290
FA9550-09-1-0152	Non - DoD Cap Funds - FY 11 Appropriation	12.800	99,050
FA9550-09-1-0152	FY10 DoD Capped Funds	12.800	-1,495
FA9550-09-1-0196	DoD Funds Un-Capped Child: Managing Degrees of Freedom	12.800	121,417
FA9550-09-1-0196	DoD CAP Funds FY09 Appropriation	12.800	120,470
FA9550-09-1-0212	Single-Cycle Optical Pulses and Isolated Attosecond Pulse Generation	12.800	-406
FA9550-09-1-0212	FY10 DOD Cap Funds Single-Cycle Optical Pulses and Isolated Attosecond Puls	12.800	29,915
FA9550-09-1-0239	DoD Cap Funds - FY10 Appropriation	12.800	57,670
FA9550-09-1-0274	DOD Cap Funds - FY10 Appropriation	12.800	48,373
FA9550-09-1-0299	DoD Cap-FY09 Appropriation	12.800	78,556
FA9550-09-1-0299	DoD Cap-FY10 Appropriation	12.800	93,425
FA9550-09-1-0330	DoD Cap FY 2011 Appropriation	12.800	77,105
FA9550-09-1-0363	Fab Eq - Overmoded W-Band Traveling Wave Tube	12.800	641
FA9550-09-1-0363	DoD Cap - FY09 Appropriation (Option 1)	12.800	-42,087
FA9550-09-1-0363	FY11+ UNCAPPED funds (Option 2+)	12.800	145,620
FA9550-09-1-0420	DoD Cap FY10 Appropriations - Ozdaglar	12.800	101,603
FA9550-09-1-0420	DoD Uncapped FY11 Appropriations - Ozdaglar	12.800	14,832
FA9550-09-1-0420	AFOSR Child: Dahleh - DoD CAP FY10	12.800	7,362
FA9550-09-1-0420	DoD Cap Funds-FY09 Appropriations-Ozdaglar	12.800	-40
FA9550-09-1-0420	AFOSR Child: Dahleh - DOD Uncapped FY11	12.800	22,388
FA9550-09-1-0420	AFOSR Child: Acemoglu - DOD Uncapped FY11	12.800	62,375
FA9550-09-1-0522	DOD Cap Funds-FY09 Appropriations-How	12.800	1,328
FA9550-09-1-0522	DoD Cap Funds FY10 Appropriations-AFOSR Child- Frazzoli	12.800	88,039
FA9550-09-1-0522	DOD Cap Funds-FY10 Appropriations-How	12.800	85,518
FA9550-09-1-0522	DoD Cap Funds FY09 Appropriations-AFOSR Child - Roy	12.800	-101

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Contract Number	Government Contract Title	CFDA#	FY Expenses
FA9550-09-1-0522	DoD Cap Funds FY09 Appropriations-AFOSR Child- Frazzoli	12.800	-307
FA9550-09-1-0522	DoD Cap Funds FY10 Appropriations-AFOSR Child - Roy	12.800	123,148
FA9550-09-1-0606	Hierarchical Kernel Machines: The Mathematics of Learning Inspired by Visual C	12.800	1,549
FA9550-09-1-0606	DoD Cap - FY09 Appropriation	12.800	97,793
FA9550-09-1-0627	FY10 DoD Capped Funds	12.800	82,435
FA9550-09-1-0627	Acquiring and Exploiting Rich Casual Models for Robust Decision Making	12.800	-10,346
FA9550-09-1-0663	DoD FY11 Funding Uncapped - 6920830	12.800	86,547
FA9550-09-1-0663	Multiscale, Intermittent, Turbulent Fluctuations in Space Plasmas and their Influe	12.800	18
FA9550-09-1-0663	Multiscale, Intermittent, Turbulent Fluctuations in Space Plasmas and their Influe	12.800	20,542
FA9550-09-1-0681	Durip 09 High Resolution, Combined Confocal Micro-Photoluminescene/Micro-R	12.800	-192
FA9550-09-1-0681	DOD Cap - FY09 Appropriation	12.800	5,791
FA9550-09-1-0689	DoD Cap Funds - FY10 Appropriation	12.800	-84,808
FA9550-09-1-0689	DoD FY 2011 Funding- Uncapped	12.800	298,551
FA9550-09-1-0700	DOD Cap Funds FY11 - Strano	12.800	306,854
FA9550-10-1-0063	DoD Cap Funds - FY10 Appropriation	12.800	162,730
FA9550-10-1-0063	Ultrafast Optics: Kolodziejski Child	12.800	140,918
FA9550-10-1-0063	UltraFast Optics: Fujimoto Child	12.800	42,058
FA9550-10-1-0063	UltraFast Optics: Kaertner Child	12.800	92,767
FA9550-10-1-0122	DoD FY2011 Funding -Uncapped	12.800	2,788
FA9550-10-1-0122	Dod Cap: Fy10 Appropriation	12.800	112,963
FA9550-10-1-0242	FY11 Uncapped: Biosensing Bioprocessing Devices	12.800	110,123
FA9550-10-1-0242	DoD Cap Funds - FY 10 Appropriation	12.800	8,141
FA9550-10-1-0337	DoD Cap Funds - FY 10 Appropriation	12.800	-66,114
FA9550-10-1-0337	Fabricated Equipment - Cold Atom Optical Lattice Emulator	12.800	-75
FA9550-10-1-0395	DoD Cap Funds - FY10	12.800	126,946
FA9550-10-1-0412	DoD Uncapped - FY11	12.800	140,906
FA9550-10-1-0412	DoD Cap - FY10 Appropriation	12.800	46,497
FA9550-10-1-0437	DoD FY11 child - 6922649 - Jaillet	12.800	199,860
FA9550-10-1-0471	Fabricated Equipment - NOPA 515MM	12.800	-375
FA9550-10-1-0471	DoD Cap Funds - FY10 Appropriation	12.800	13,922
FA9550-11-1-0039	Fabricated Equipment Nanosatellite	12.800	12,322
FA9550-11-1-0039	Tethered Environmental Reconditioning Satellite (TERSat)	12.800	-1,111
FA9550-11-1-0039	DoD Uncapped Funds	12.800	11,066
FA9550-11-1-0059	Advanced Nanostructures for Two-Phase Fluid and Thermal Transport	12.800	75,134
FA9550-11-1-0134	Distributed Hybrid Information and Plan Consensu HIPC for Semi-autonomous U	12.800	72,790
FA9550-11-1-0141	Design Optimizations Simulation of Wave Propagation in Metamaterials	12.800	227,170

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Contract Number	Government Contract Title	CFDA#	FY Expenses
FA9550-11-1-0168	Lossy Information Exchange and Instantaneous Communication	12.800	96,165
FA9550-11-1-0174	THERMAL REGULATION OF HEAT TRANSFER PROCESSES	12.800	47,191
FA9550-11-1-0183	Stateless Networking: Principles, Architectures and Codes	12.800	204,896
FA9550-11-1-0195	Whiter Plasma-Materials Child	12.800	59,568
FA9550-11-1-0195	Plasma-Materials Interactions in Electric Propulsion	12.800	179,198
FA9550-11-1-0199	Tu(r)ning Weakness to Strength: Mechanomutable Bioinspired Materials	12.800	3,112
FA9550-11-1-0221	New Algorithms and Sparse Regularization for Synthetic Aperture Radar Imaging	12.800	104,253
FA9550-11-1-0225	Far IR Setup	12.800	7,032
FA9550-11-1-0225	Quantum Transport and Optoelectronics in Gapped Graphene Nanodevices	12.800	96,991
FA9550-11-1-0305	Statistical Models and Graph: Deconvolution via Incoherence	12.800	57,341
FA9550-11-1-0312	The Value of Information in Distributed Desicion Networks	12.800	77,772
FA9550-11-1-0339	Dynamic Data Driven Methods for Self-aware Aerospace Vehicles	12.800	119,715
FA9550-12-1-0080	Phase-Sensitive Control of Molecular Dissociation Through Attosecond Pump/St	12.800	37,311
FA9550-12-1-0129	Quantitative Analysis, Design, and Fabrication of Biosensing and Bioprocessing I	12.800	13,161
FA9550-12-1-0259	Thin Film Self-Assembly of Globular Protein-Polymer Diblock Copolymers for Na	12.800	5,225
	Total for 12.800		**6,487,491**

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA9550-07-1-0101	Advanced Technologies fo Structural and Functional OCT	12.630	-671
FA9550-09-1-0056	DoD Cap Funds - FY09 Appropriation	12.630	-635
FA9550-09-1-0056	Fabricated Equipment: MIT Orbital Transfer Vehicle (MOTV)	12.630	-4,480
FA9550-10-1-0551	DoD Cap - FY10 Appropriation	12.630	103,682
FA9550-10-1-0551	DoD FY11 uncapped	12.630	62,295
FA9550-11-1-0011	Fabricated Equipment: Cold Atom Quantum Simulator	12.630	115,364
FA9550-11-1-0011	DoD Cap Funds FY10 Appropriations	12.630	205,446
	Total for 12.630		**481,001**
	Total for Air Force Office of Scientific Research - AFOSR		**6,968,492**

Air Force Research Laboratory

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA8650-05-C-7262	Child - Poggio	12.CCC	130,254
FA8650-10-C-7083	DOD FY10 Appopriations	12.CCC	57,674
FA8650-11-C-7192	Cloud Intrusion Detection and Repair	12.CCC	418,917
	Total for 12.CCC		**606,845**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
FA8750-09-1-0152	FOS: A Factored Operating System for High Assurance and Scalability on Multic	12.300	117,538
FA8750-11-2-0009	Biologically Inspired Circuits for Visual Search and Recognition in Complex Scen	12.300	320,235
FA8750-11-2-0225	Computing on Encrypted Data: Theory and Applications	12.300	346,606
	Total for 12.300		**784,379**

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA8650-05-2-5706	LAI Phase V: Year 3	12.800	-31,343
FA8650-05-2-5706	DMCO: Achieving Excellence in Enterprises	12.800	9,713
FA8750-12-2-0110	Provably Safe Android Apps	12.800	373,541
	Total for 12.800		**351,911**

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA8650-11-1-7154	Nonparametric Representations for Integrated Inference, Central, and Sensing	12.910	454,470
FA8650-11-1-7162	Framework for Efficient Algorithms in Planar Networks and Beyond	12.910	211,007
FA8750-06-2-0189	Collaborative Learning for Security and Repair in Application Communities	12.910	1,779
	Total for 12.910		**667,256**
	Total for Air Force Research Laboratory		**2,410,391**

Army

Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-09-1-0059	Athermal Photonic Circuits AphoCs	12.431	-2,695
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits Regulating Reward	12.431	-41,163
W911NF-10-1-0059	New Treatments - Task 7 - Stressor Interaction	12.431	234,464
W911NF-10-1-0059	New Treatments - Task 6 - Amygdala Recordings	12.431	198,214
W911NF-10-1-0059	New Treatments - Task 5 - Striatal Recordings	12.431	177,616
W911NF-10-1-0059	New Treatments - Task 1 - Gene Expression	12.431	142,282
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Subawa	12.431	125,326
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Tasks -	12.431	121,928
W911NF-10-1-0059	New Treatments - Task 3 - Longitudinal Neuroimaging	12.431	107,335
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Tasks -	12.431	104,100
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Tasks -	12.431	100,274
W911NF-10-1-0059	New Treatments - Task 2 - Coimbra Subcontract	12.431	99,765
W911NF-10-1-0059	New Treatments - Task 4 - Neuroimaging of Reward	12.431	81,635

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Subawa	12.431	77,956
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits - Phase II - Tasks -	12.431	50,795
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits -Phase II - Tasks -	12.431	50,002
W911NF-10-1-0059	New Treatments for Stress-induced Dysregulation of Circuits -Phase II - Tasks -	12.431	103,598
W911NF-12-1-0036	Precision Control and Randomized Benchmarking of a 12-us Class Superconduc	12.431	101,617
	Total for 12.431		**1,833,049**

Contract Number	Government Contract Title	CFDA#	FY Expenses
CONTRACT NO. W911QY-09-C-0066	A Neuroscience Approach to Accelerated Learning - Phase II	12.CCC	-6,276
W911QY-10-P-0606	Fabricated Equipment: Electrospray Printing Project	12.CCC	21,408
W911QY-10-P-0606	Research Solutions onto Electrospun Nano	12.CCC	24,977
W9132V-11-P-0008	DoD FY11 UnCapped Child: Classification and Modeling of Vegetation from Unm	12.CCC	78,471
	Total for 12.CCC		**118,580**

Contract Number	Government Contract Title	CFDA#	FY Expenses
W31P4Q-10-1-0005	COMPACT MECHANICAL AND ION PUMPING TO ACHIEVE HIGH VACUUM	12.910	-11,148
W31P4Q-10-1-0005	Fabricated Equipment - Mini Vacuum Chamber	12.910	7,097
W31P4Q-10-1-0005	DoD Cap - FY09 Appropriation	12.910	108,129
W31P4Q-10-1-0005	FY11 Uncapped Opt 1: Velasquez-Heller child	12.910	173,407
W31P4Q-10-1-0005	FY11 UNCAPPED Allocation: Option I	12.910	259,602
W31P4Q-10-1-0005	DoD Cap - FY09 Velasquez-Heller	12.910	283,114
	Total for 12.910		**820,201**
	Total for Army		**2,771,830**

Army Aviation and Missle Command

Contract Number	Government Contract Title	CFDA#	FY Expenses
W31P4Q-09-1-0007	Dod Cap Funds - FY 10 Appropriation	12.910	849,124
W31P4Q-09-1-0007	Fab Eq: Computational Fluid Modeling Station	12.910	6,684
W31P4Q-09-1-0007	DoD Cap Funds-FY09 Appropriation	12.910	150,638
W31P4Q-09-1-0007	Phump JHB	12.910	151,431
	Total for 12.910		**1,157,877**
	Total for Army Aviation and Missle Command		**1,157,877**

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Army Corps of Engineers

Contract Number	Government Contract Title	CFDA#	FY Expenses
W912HQ-09-C-0008	Passive PE Sampling of In Situ Remediation of Contaminated Sediments	12.431	145,374
W912HQ-10-C-0005	Robust Means for Estimating Black Carbon-Water Sorption Coefficients of Organ	12.431	78,558
W912HZ-11-C-0016	Sustainable Cement Hydrates under Extreme Environments: Chemomechanics u	12.431	241,342
	Total for 12.431		**465,274**

Contract Number	Government Contract Title	CFDA#	FY Expenses
W9132T-11-2-0031	High-throughput Diagnostic Long-Wave Infrared (LWIR) Scanning of Ft. Drum Bu	12.630	35,592
	Total for 12.630		**35,592**
	Total for Army Corps of Engineers		**500,866**

Army Research Office

Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-07-1-0035	Child Account - 6914602 Aero&Astro	12.431	-1,874
W911NF-07-1-0035	Investigation of Tissue-Level mechanisms of Primary Blast Injury through modeli	12.431	172,311
W911NF-07-1-0139	Kinetics and Mechanisms of the Destruction of Toxic Agents by Recyclable Catal	12.431	112,569
W911NF-07-1-0493	Quantum Emulations - Amherst UMASS	12.431	600
W911NF-07-1-0493	Quantum Emulations - Toronto	12.431	125,192
W911NF-07-1-0493	Quantum Emulations - LMU	12.431	168,144
W911NF-07-1-0493	Zwierlein Research	12.431	25,229
W911NF-07-1-0493	Ketterle Research	12.431	35,509
W911NF-07-1-0493	Ketterle Reseach	12.431	51,460
W911NF-07-1-0493	Quantum Emulations-CNRS	12.431	24,931
W911NF-07-1-0493	Quantum Emulations-Ecole Polytechnique	12.431	89,784
W911NF-07-1-0493	Quantum Emulations-Austin	12.431	74,037
W911NF-07-1-0493	Quantum Emulations-Amherst	12.431	181,089
W911NF-07-1-0493	Quantum Emulations-Harvard	12.431	370,549
W911NF-07-1-0493	Quantum Emulations - Austin Texas	12.431	114,025
W911NF-07-1-0493	Fabricated Equipment: Imbalanced Fermi Mixtures In Optical Lattices	12.431	109,676
W911NF-07-1-0493	Quantum Emulations of New Materials Using Ultracold Atoms	12.431	151,129
W911NF-07-1-0493	Fabricated Equipment: Strongly Interacting Fermi Mixtures in 2D	12.431	62,776
W911NF-07-1-0540	Self-Supervised Mobility-Based Terrain Classification for Unmanned Ground Veh	12.431	36,678
W911NF-08-1-0228	DOD CAP Funds - FY08, 09, 10 Appropriations Appropriation	12.431	9,600

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-08-1-0228	Fabricated Equipment - Programmable Matter Fabrication	12.431	433
W911NF-08-1-0254	DOD CAP Funds FY09 Appropriation MilliBiology	12.431	-686,106
W911NF-08-1-0254	DOD CAP Funds FY10 Appropriation MilliBiology	12.431	705,955
W911NF-08-1-0254	Milli-Biology: Programmed Assembly of Engineered Materials	12.431	-2,336
W911NF-08-1-0458	Dod Cap Funds - FY10 Appropriation	12.431	136,303
W911NF-09-1-0222	DoD Cap Funds	12.431	460,653
W911NF-09-1-0222	DoD Uncapped Funds	12.431	37,348
W911NF-09-1-0222	FY10 DoD Capped fund	12.431	7,555
W911NF-09-1-0334	Design and Control of Omnidirectional Unmanned Ground Vehicles for Rough Te	12.431	-3,598
W911NF-09-1-0334	DOD cap- FY09 Appropriation	12.431	10,795
W911NF-09-1-0334	DOD Cap - FY10 Appropriation	12.431	15,242
W911NF-09-1-0334	DoD FY 2011 Funding - Uncapped	12.431	50,000
W911NF-09-1-0340	RAM Research	12.431	265
W911NF-09-1-0340	Optically Banked DRAM with Monolithic CMOS Photonics Networks	12.431	-22,000
W911NF-09-1-0340	Stojanovic Research	12.431	-41,730
W911NF-09-1-0411	Chalcogenide Glasses for Ultra-Low Loss Waveguides	12.431	36,908
W911NF-09-1-0422	DOD Cap- FY10 Appropriation	12.431	99,253
W911NF-09-1-0438	The Design of Quantum Algorithms Using Physics Tools	12.431	269,431
W911NF-09-1-0448	Uncapped	12.431	60,824
W911NF-09-1-0448	DoD Cap Funds -FY10 Appropriation: Malone	12.431	90,045
W911NF-09-1-0480	Dod Cap - FY10 Appropriation	12.431	45,324
W911NF-09-1-0556	DODCap funds FY09 Appropriation - Ozdaglar	12.431	113,197
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Megretski FY11	12.431	28,740
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Dawson FY11	12.431	25,350
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Sodini FY10	12.431	17,376
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Admin FY10	12.431	14,321
W911NF-10-1-0088	DOD uncapped - Phase II	12.431	1
W911NF-10-1-0088	Asymetrical Multilevel Outphasing ? Megretski Phase II	12.431	4,526
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Daniel FY10	12.431	-1,133
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - CMU FY10	12.431	298,476
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Admin FY11	12.431	9,315
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Stojanovic FY11	12.431	28,833
W911NF-10-1-0088	DoD Cap - FY10 Appropriation	12.431	-92,374
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Fabricated Equipment FY11	12.431	32,434
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - CMU FY11	12.431	114,200
W911NF-10-1-0088	DoD UnCapped - FY'11 Appropriation	12.431	128,592

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Stojanovic FY10	12.431	103,120
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Avniel FY11	12.431	30,874
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Dawson FY10	12.431	91,186
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Megretski FY10	12.431	36,329
W911NF-10-1-0088	Asymmetric Multilevel Outphasing - Avniel FY10	12.431	92,400
W911NF-10-1-0119	Dod Cap -FY10 Appropriation	12.431	5,005
W911NF-10-1-0127	Uncapped Funds	12.431	84,877
W911NF-10-1-0127	DoD FY10 Appropriation - Buehler	12.431	7,520
W911NF-10-1-0412	International Computer Science Institute	12.431	104,848
W911NF-10-1-0412	Ram Project	12.431	21,492
W911NF-10-1-0412	University of Colorado	12.431	36,818
W911NF-10-1-0412	Smith Project	12.431	8,850
W911NF-10-1-0412	Fabricated Equipment: Imaging System	12.431	1,650
W911NF-10-1-0412	Chandrakasan Project	12.431	11,311
W911NF-10-1-0412	Watts Project	12.431	323
W911NF-10-1-0412	Stojanovic Project	12.431	36,829
W911NF-10-1-0412	Packaging Development	12.431	57,050
W911NF-10-1-0412	Memory System with Monolithic CMOS Photonic Networks for High-Performance	12.431	59,581
W911NF-10-1-0430	Fab Equip: Two Nondegenerate Optical Parametric Amplifiers	12.431	3,648
W911NF-10-1-0430	DoD Cap FY 10 Appropriation	12.431	131,552
W911NF-10-1-0430	Quantum Illumination-Based Target Detection and Discrimination	12.431	5,990
W911NF-10-1-0442	DoD FY11 UNCAPPED: Enhancing Sub-Bandgap Quantum Efficiency in Hyper-I	12.431	12,445
W911NF-10-1-0442	Enhancing Sub-Bandgap Quantum Efficiency in Hyper-Doped Silicon By Underst	12.431	8,561
W911NF-10-1-0467	DOD FY10 Appropriations	12.431	37,541
W911NF-10-1-0522	Optically Banked DRAM with Monolithic CMOS Photonic Networks, Part II	12.431	177,435
W911NF-10-2-0049	ARL - Kong	12.431	38,777
W911NF-10-2-0049	ARL - Jarillo-Herrero	12.431	87,769
W911NF-10-2-0049	ARL - Palacios	12.431	58,184
W911NF-10-2-0049	ARL - Dresselhaus	12.431	75,532
W911NF-10-2-0065	The Mind of the Mind's Eye	12.431	168,336
W911NF-11-1-0096	DOD Cap - FY 11 Appropriation	12.431	665,759
W911NF-11-1-0202	Optical Transition Clocks - University of Colorado	12.431	20,524
W911NF-11-1-0202	Fabricated Equipment - Trapped Atom Optical - Transition Clock	12.431	44,315
W911NF-11-1-0202	Optical Transition Clocks - Universituy of Insbruck	12.431	51,993
W911NF-11-1-0202	Optical Transition Clocks - Cornell University	12.431	131,885
W911NF-11-1-0202	Optical-Transition Clocks With Microfabricated Frequency Combs For Performan	12.431	269,959

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-11-1-0281	Biologically Patterned Amyloid Scaffolds for Multifunctional and Multiscale Materi	12.431	44,627
W911NF-11-1-0331	Identification and Manipulation of Novel Topological Phases	12.431	24,510
W911NF-11-1-0331	Fabricated Equipment - SHG Interferometer	12.431	5,212
W911NF-11-1-0400	Cappellaro - Research	12.431	77,459
W911NF-11-1-0400	Multi-Qubit Enhanced Sensing and Metrology	12.431	1,184
W911NF-11-1-0400	University Of Connecticut	12.431	99,120
W911NF-11-1-0400	Vuletic - Research	12.431	60,617
W911NF-11-2-0054	Multi-input, multimodal, mammalian information processing circuits - C. Voigt	12.431	179,379
W911NF-11-2-0054	Multi-input, multimodal, mammalian information processing circuits - Subawards	12.431	256,626
W911NF-11-2-0054	Multi-input, multimodal, mammalian information processing circuits	12.431	129,318
	Total for 12.431		**7,564,152**

Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-11-C-0201	Culpepper child: Maximum Mobility	12.CCC	35,652
W911NF-11-C-0201	Iagnemma child: Maximum Mobility	12.CCC	172,269
W911NF-11-C-0201	Enabling Novel Minimally-Actuated Robotic Capabilities Through Active Fluids	12.CCC	436,262
	Total for 12.CCC		**644,183**

Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-11-C-0101	Threat-Based Semi-Autonomous Operator Assistance Algorithms for Ground Vel	12.300	407,181
	Total for 12.300		**407,181**
	Total for Army Research Office		**8,615,516**

ARO-ISN UARC

Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-07-D-0004	FY2009: ISN Technology 6.2	12.CCC	4,905
W911NF-07-D-0004	Outreach for the ISN	12.CCC	245,396
W911NF-07-D-0004	ISN Management (no F&A)	12.CCC	349,622
W911NF-07-D-0004, T.O. 1	ISN Management & Outreach Task Order 1	12.CCC	112,131
W911NF-07-D-0004, T.O. 3	ISN 1.2.2 - Quantum Dot Photodetectors	12.CCC	335,028
W911NF-07-D-0004, T.O. 3	ISN 1.4.1 - Active Multimaterial Fibers	12.CCC	287,254
W911NF-07-D-0004, T.O. 3	ISN 1.3.1 Engineering Carbon Nanotubes for Trace Sensing and Dramatically In	12.CCC	143,736
W911NF-07-D-0004, T.O. 3	ISN 1.2.3 - Smart Quantum Dot Sensors	12.CCC	121,071
W911NF-07-D-0004, T.O. 3	ISN 1.2.1 - Integrated Microfluidic Synthesis of Nanostructures	12.CCC	341,752

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-07-D-0004, T.O. 3	ISN 1.1.1 - Surface Active Multifunctional Fabrics	12.CCC	392,876
W911NF-07-D-0004, T.O. 3	ISN 1.5.1 - Functional and Responsive Elastomers	12.CCC	87,551
W911NF-07-D-0004, T.O. 4	ISN 2.3.3 - Integrated Amplifying Fluorescent Polymer Biosensory Systems	12.CCC	389,392
W911NF-07-D-0004, T.O. 4	ISN 2.2.1 - New Controlled Release Films and Functional Surfaces for Battlefield	12.CCC	246,359
W911NF-07-D-0004, T.O. 4	ISN 2.1.1 - Nanostructured Actuators: First Principles to Fabrication	12.CCC	145,514
W911NF-07-D-0004, T.O. 4	ISN 2.3.2 - Non-invasive Delivery and Sensing	12.CCC	89,197
W911NF-07-D-0004, T.O. 4	ISN 2.3.1 - MEMS Based Device for the Prevention of Hemorrhagic Shock	12.CCC	321,530
W911NF-07-D-0004, T.O. 4	ISN 2.2.2 - Environment-Sensitive Micellar Nanocapsules for Non-Invasive Drug	12.CCC	353,027
W911NF-07-D-0004, T.O. 5	ISN 3.1.3 - Nanomechanical Heterogeneity As A Design Strategy In Natural and	12.CCC	163,644
W911NF-07-D-0004, T.O. 5	ISN 3.1.1 - Molecular Approaches to Mechanical Properties for Ballistic Protectio	12.CCC	99,184
W911NF-07-D-0004, T.O. 5	ISN 3.1.7 - Morphometric Origins of Biological and Bio-inspired Exoskeleton Desi	12.CCC	27,243
W911NF-07-D-0004, T.O. 5	ISN 3.1.2 - Ultra Light Weight Micro Trusses and Photopatterned Nanocomposite	12.CCC	201,046
W911NF-07-D-0004, T.O. 5	ISN 3.2.1 - Materials and Structures for Blast Damage and Injury Mitigation	12.CCC	546,024
W911NF-07-D-0004, T.O. 5	ISN 3.3.1 - Light Nanocrystalline Alloy Fibers for Impact and Blast Protection	12.CCC	277,309
W911NF-07-D-0004, T.O. 5	ISN 3.1.5 - Nanoscale Superelastic Alloys for Integration Into Flexible Armor	12.CCC	218,422
W911NF-07-D-0004, T.O. 5	ISN 3.2.2 - Nanoscale Chemomechanics of Soft Tissue Impact-Trauma Behind F	12.CCC	222,830
W911NF-07-D-0004, T.O. 5	ISN 3.1.4 - Top Down Placement and Assembly of Graphine Chainmaille Structu	12.CCC	119,124
W911NF-07-D-0004, T.O. 6	ISN 4.1.2 - Switchable Surfaces and Novel Elastomers for Improving Cell Functic	12.CCC	100,916
W911NF-07-D-0004, T.O. 6	ISN 4.1.1 - Chemically Vapor Deposited (CVD) Functional Polymeric Nanocoatin	12.CCC	191,381
W911NF-07-D-0004, T.O. 6	ISN 4.2.1 - Fluorescence Microscopy at Sub 5-nm Scale	12.CCC	221,010
W911NF-07-D-0004, T.O. 6	ISN 4.1.3 - Virucidal Coatings	12.CCC	243,971
W911NF-07-D-0004, T.O. 6	ISN 4.3.1 - Nanostructured Origami	12.CCC	298,852
W911NF-07-D-0004, T.O. 7	ISN 5.1.2 Graphone Devices for Future MultiFunctional Battle Suits	12.CCC	63,719
W911NF-07-D-0004, T.O. 7	ISN 5.1.1 - Nanoelectronics	12.CCC	215,557
W911NF-07-D-0004, T.O. 7	ISN 5.1.2 Graphone Devices for Future Multifunctional Battle Suits.	12.CCC	175,259
W911NF-07-D-0004, T.O. 7	ISN 5.3.1 - Nanophotonics for the Enhancement of Optical Nonlinear Functionalit	12.CCC	327,863
W911NF-07-D-0004, T.O. 7	Fabricated Equipment: Optical Waveguide/THz Frequency Source	12.CCC	3,380
W911NF-07-D-0004, T.O. 7	ISN 5.2.1 - Fabric Systems That See	12.CCC	163,870
W911NF-07-D-0004, T.O. 7	ISN 5.4.1 - Nanophotonics for Enhancement of Nonlinear Operations	12.CCC	296,254
W911NF-07-D-0004, T.O. 8	Device For Non-Invasive Rapid Determination Of Hydration State	12.CCC	179,482
W911NF-07-D-0004, T.O. 8	Controlled Release from Surfaces for Battlefield Medicine	12.CCC	221,946
W911NF-07-D-0004, T.O. 8	Materials for non-invasive and cell-targeted drug therapy	12.CCC	237,426
W911NF-07-D-0004, T.O. 8	Fabricated Equipment: Computing Workstation	12.CCC	7,861
W911NF-07-D-0004, T.O. 8	Engineering Carbon Nanotubes for Trace Sensing and Mechanical Reinforcemer	12.CCC	18,405
W911NF-07-D-0004, T.O. 8	Design of Nanostructured Enzyme-Micelle Conjugate for Decontamination of Airc	12.CCC	26,300
W911NF-07-D-0004, T.O. 8	Strain-Rate Dependent Mechanical Behavior of Gels	12.CCC	34,385

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W911NF-07-D-0004, T.O. 8	Improving the Performance of Electrospun Materials and Their Composites Unde	12.CCC	41,867
W911NF-07-D-0004, T.O. 8	Testing of Novel ISN Sensing Devices by the ECBC	12.CCC	3,068
W911NF-07-D-0004, T.O. 8	Biometric Living Cell Systems for Detection	12.CCC	45,513
W911NF-07-D-0004, T.O. 8	Tuning the Optical Properties of Multi-Layered Nanoparticles Using Exciton-Plas	12.CCC	44,126
W911NF-07-D-0004, T.O. 8	Development of Superoleophobic Coated Materials for CB Protective Clothing	12.CCC	100,113
W911NF-07-D-0004, T.O. 8	Novel Ultrasound Transducing Fabrics for the continuous monitoring and early de	12.CCC	147,601
W911NF-07-D-0004, T.O. 8	High Performance Polymer Nanofibers for Ballistic and Blast Protection	12.CCC	94,737
W911NF-07-D-0004, T.O. 8	3D Hydrogel Scaffolding for Cell and Tissue Support	12.CCC	64,375
W911NF-07-D-0004, T.O. 8	Devices For Monitoring Tissue Oxygenation In Compartment Syndrome Patients	12.CCC	97,487
W911NF-07-D-0004, T.O. 9	Uv-IR Focal Plane Array Imager	12.CCC	8,801
W911NF-07-D-0004, T.O. 9	Low Skin Depth Transparent Conductive Electrodes	12.CCC	-30,754
W911NF-07-D-0004, T.O. 9	(SIMM) Fibers for Multianalyte Explosives Sensing	12.CCC	-27,818
W911NF-07-D-0004, T.O. 9	Xtalic 6.2 Project Funds	12.CCC	415
W911NF-07-D-0004, T.O. 9	UV-IR Focal Plane Array Imager	12.CCC	30,744
W911NF-07-D-0004, T.O. 9	FY 2010: ISN Technology 6.2	12.CCC	505,679
W911NF-07-D-0004, T.O. 9	(SIMM) Fibers For Multianalyte Expolsive	12.CCC	115,920
W911NF-07-D-0004, T.O. 9	FY 2008: ISN Technology 6.2	12.CCC	301,535
W911NF-07-D-0004, T.O. 9	FY 2011: ISN Technology 6.2	12.CCC	1,218,316
W911NF-07-D-0004, T.O. 9	Low Skin Depth Transparent Conductive EL	12.CCC	67,765
W911NF-07-D-0004, T.O. 9	ISN Task Order 9 - 6.2 Applied Research	12.CCC	-296,039
W911NF07-D-0004, T.O. 2	Fabrication: Fiber Draw Tower	12.CCC	3,038
W911NF07-D-0004, T.O. 2	ISN Research Enrichment Task Order 2	12.CCC	1,317,982
	Total for 12.CCC		**12,723,475**
	Total for ARO-ISN UARC		**12,723,475**

Asian Office of Aerospace Research and Development

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA2386-10-1-4069	DOD FY10 Appropriations	12.800	23,917
FA2386-10-1-4135	DOD FY10 Appropriations	12.800	46,547
FA2386-10-1-4135	DOD Appropriations - Uncapped Funds	12.800	162,276
FA2386-11-1-4074	Silicon nano-tips and related nano-systems involving fluid and carrier transport fc	12.800	37,994
	Total for 12.800		**270,734**
	Total for Asian Office of Aerospace Research and Development		**270,734**

Defense Advanced Research Projects Agency

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Contract Number	Government Contract Title	CFDA#	FY Expenses
HR0011-09-C-0131	Future Optical Network Study - Task II - Integrated Heterogeneous Network Arch	12.CCC	-3,812
HR0011-10-9-0009	Angstrom: MPC Child	12.CCC	107,292
HR0011-10-9-0009	Angstrom: Goal Programming	12.CCC	87,165
HR0011-10-9-0009	Angstrom: Coherence	12.CCC	86,931
HR0011-10-9-0009	Angstrom: MTL Child	12.CCC	86,193
HR0011-10-9-0009	Angstrom: RLE Child - Optical / EE Links	12.CCC	71,355
HR0011-10-9-0009	Angstrom: Main Core	12.CCC	109,186
HR0011-10-9-0009	Angstrom: SEFOS, ATAC, PEP, Graphite Sim	12.CCC	59,990
HR0011-10-9-0009	Angstrom: Zetabrieks / Learning	12.CCC	39,219
HR0011-10-9-0009	Shavit Child	12.CCC	38,413
HR0011-10-9-0009	Angstrom: Adaptive Net	12.CCC	38,097
HR0011-10-9-0009	Angstrom: Arvind Child	12.CCC	22,354
HR0011-10-9-0009	Angstrom: Network Links	12.CCC	2,611
HR0011-10-9-0009	Angstrom: Management	12.CCC	49,708
HR0011-10-9-0009	Angstrom: Subcontracts	12.CCC	914,993
	Total for 12.CCC		**1,709,695**

Contract Number	Government Contract Title	CFDA#	FY Expenses
HR0011-07-1-0006	Draper Lab Subcontract - 6914864	12.910	39,791
HR0011-07-1-0006	Integrally Packaged 3D Microbatteries	12.910	1,986
HR0011-09-1-0048	Absolute Algebraic Geometry, Arithmetic Cohomology, and the Riemann Hypoth	12.910	163,728
HR0011-11-2-0008	Generalized Grounding Models for Robotic Language Acquisition	12.910	172,016
HR0011-12-2-0007	DARPA E-Phi-Equipment	12.910	191,342
HR0011-12-2-0007	E-PHI Kaertner Child Account	12.910	111,393
HR0011-12-2-0007	DRAPA E-PHI Watts child account	12.910	248,677
HR0011-12-2-0007	Fabricated Equipment: Microphotonic Probe Station	12.910	47,710
HR0011-12-2-0007	DRAPA E-PHI Stojanovic child account	12.910	35,807
HR0011-12-2-0007	DRAPA E-PHI Ippen child account	12.910	25,167
HR0011-12-2-0007	DRAPA E-PHI Kolodziejski child account	12.910	17,658
HR0011-12-2-0007	Ebrium Silicon Photonic Integrated Oscillator and RADAR (ESPIOR)	12.910	18
HR0011-12-2-0007	Subcontract to CSNE - E-PHI	12.910	67,896
HR0011-12-C-0067	Establishment of an MIT Foundry for Massively Multi-Part System Engineering	12.910	10,764
HR0011-12-C-0067	Ron Weiss - child account	12.910	4,414
HR0011-12-C-0068	Living Foundries: Synthetic Physiology: High-speed Closed-Loop Control of Synt	12.910	15,976
W31P4Q-11-1-0007	Fabricated Equipment - Electrosprays Vacuum Chamber	12.910	24,575
W31P4Q-11-1-0007	Fabricated Equipment - Tool to Study Absorption and Spreading of Liquid Sampl	12.910	3,106

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Contract Number	Government Contract Title	CFDA#	FY Expenses
W31P4Q-11-1-0007	High-Throughout MEMS/NEMS Electrospinning Sources for Low-Cost Multifuncti	12.910	173,391
W91CRB-10-C-0135	Hydrostatic Bearings for Support of Large Robots	12.910	-54
	Total for 12.910		**1,355,361**

Contract Number	Government Contract Title	CFDA#	FY Expenses
HR0011-11-C-0100	MTL Fabrication Processing	20.CCC	15,305
HR0011-11-C-0100	MTL Technical Staff	20.CCC	56,560
HR0011-11-C-0100	Smith POEM Research	20.CCC	71,425
HR0011-11-C-0100	Watts POEM Research	20.CCC	77,700
HR0011-11-C-0100	Memory System with Monolithic CMOS Photonic Networks for High-Performance	20.CCC	116,520
HR0011-11-C-0100	ICSI Berkeley Subaward	20.CCC	143,398
HR0011-11-C-0100	Ram POEM Research	20.CCC	164,313
HR0011-11-C-0100	Stojanovic POEM Research	20.CCC	204,713
	Total for 20.CCC		**849,934**
	Total for Defense Advanced Research Projects Agency		**3,914,990**

Defense Threat Reduction Agency

Contract Number	Government Contract Title	CFDA#	FY Expenses
HDTRA1-12-1-0008	Blast Wave Manipulation Child A		5,959
HDTRA1-12-1-0008	Blast Wave Manipulation Using Hierarchical Metamaterial Stuctures		30,394
	Total for undefined		**36,353**

Contract Number	Government Contract Title	CFDA#	FY Expenses
HDTRA1-07-1-0004	Robust Architectures for Networks under Attack	12.351	53,729
HDTRA1-09-01-0012	Hatton Child Account	12.351	45,656
HDTRA1-09-01-0012	University of Michigan Subcontract	12.351	177,543
HDTRA1-09-1-0012	Iterative Experimental and Computational Approaches Toward Highly Efficient Su	12.351	54,334
HDTRA1-09-1-0042	Fab Eq - High Intensity Ion Source Tested Stand	12.351	38,697
HDTRA1-09-1-0042	Frontier Studies of Single Stage Superconducting Cyclotron-Based Primary Acce	12.351	384,090
HDTRA1-10-1-0001	DoD Cap Funds - FY 10 Appropriation	12.351	268,183
HDTRA1-10-1-0032	DoD Cap Funds-FY11 Appropriations	12.351	57,683
HDTRA1-10-1-0032	FY12 Appropriations - No Cap	12.351	191,638
HDTRA1-11-1-0062	Powder Processing of Amorphous Tungsten-Bearing Alloys Composites	12.351	326,834
	Total for 12.351		**1,598,387**

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		Total for Defense Threat Reduction Agency	**1,634,740**

National Reconnaissance Office

Contract Number	Government Contract Title	CFDA#	FY Expenses
NRD000-10-C-0080	High delta-V Ion Electrospray Propulsion system (IEPS) for CubeSat-Class Satel	12.CCC	-993
		Total for 12.CCC	**-993**
		Total for National Reconnaissance Office	**-993**

Naval Postgraduate School

Contract Number	Government Contract Title	CFDA#	FY Expenses
N00244-09-1-0064	DOD Cap Funds - FY09 Appropriation	12.300	-41,902
N00244-09-1-0064	DOD Cap Funds - FY10 Appropriation	12.300	670,887
N00244-10-1-0070	TRL-Based Modeling for Cost and Schedule Uncertainty	12.300	69,473
		Total for 12.300	**698,458**
		Total for Naval Postgraduate School	**698,458**

Naval Research Laboratory

Contract Number	Government Contract Title	CFDA#	FY Expenses
N00173-11-P-0985	Damage Documentation of Composite Test Specimens	12.CCC	26,554
		Total for 12.CCC	**26,554**
		Total for Naval Research Laboratory	**26,554**

Navy - ONR

Contract Number	Government Contract Title	CFDA#	FY Expenses
MURI N00014-07-1-0749	MURI: Vanderbilt Subaward	12.300	95,197
MURI N00014-07-1-0749	MURI: Deb Roy Child Account: Cognitively Compatible Human-Robot Teaming	12.300	-994
MURI N00014-07-1-0749	Breazeal Fab Equipment: MDS Robot	12.300	1,824
MURI N00014-07-1-0749	MURI: Jonathan How Child Account: Cognitively Compatible Human-Robot Tean	12.300	15,450
MURI N00014-07-1-0749	MURI: Stanford Subaward	12.300	57,606
MURI N00014-07-1-0749	MURI: Nick Roy Child Account: Cognitively Compatible Human-Robot Teaming	12.300	23,904
MURI N00014-07-1-0749	MURI: Cynthia Breazeal Child Account: Cognitively Compatible Human-Robot Te	12.300	120,874
MURI N00014-07-1-0749	MURI: U Washington Subaward	12.300	122,480

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Contract Number	Government Contract Title	CFDA#	FY Expenses
MURI N00014-07-1-0749	MURI: UMass Subaward	12.300	69,226
N00014-06-1-0027	A Direct Simulation-Based Study of Radiance in a Dynamic Ocean	12.300	404
N00014-06-1-0043	Integrated Feature-Relative Navigation and Control for Autonomous Ship Hull Ins	12.300	-7,195
N00014-06-1-0043	DOD Cap - FY10 Appropriation	12.300	50,297
N00014-06-1-0043	Ship Hull Inspection with Frame-and-Feature Based Navigation and Control	12.300	-4
N00014-06-1-0043	FY 2009 DoD Cap Appropriation Funds	12.300	-16,285
N00014-06-1-0459	Response of Energentic Materials to Dynamic Stimuli (MURI)	12.300	797,152
N00014-07-1-0202	Orthogonal Frequency-Division Multiplexing for High-Rate Underwater Acoustic C	12.300	61,728
N00014-07-1-0202	Fabricated Equipment - Deepwater Communications System	12.300	20,641
N00014-07-1-0230	DOD Cap Funds - FY10 Appropriation	12.300	134,798
N00014-07-1-0230	Human Spervisory Control Models for Coman and Control of Unmanned Systems	12.300	7,928
N00014-07-1-0326	Dod Cap- FY10 Appropriation	12.300	-7,060
N00014-07-1-0326	FY11 UNCAPPED Allocation: Oceanographic Variability	12.300	331,126
N00014-07-1-0999	Excitation of Large-Scale Ionospheric Plasma Irregularities, Plasma Waves and E	12.300	-38
N00014-07-1-1102	Cooperative Navigation and Autonomy for Unmanned Surface and Underwater V	12.300	42,363
N00014-08-1-0011	DOD Cap removed - FY10	12.300	20,455
N00014-08-1-0011	Multi-Static, Concurrent Detection, Classification and Localization Concepts for A	12.300	396
N00014-08-1-0013	DOD Cap Funds - FY10 Appropriations	12.300	7,899
N00014-08-1-0219	EWall Electronic Card Well Computational Support for Decision Making in Collab	12.300	37,559
N00014-08-1-0261	DOD Cap Funds - FY11 Appropriation	12.300	66,667
N00014-08-1-0261	DOD Cap Funds - FY10 Appropriation	12.300	6,036
N00014-08-1-0261	DOD Funds - FY11 Appropriation UNCAPPED	12.300	62,536
N00014-08-1-0298	DOD CAP Funds - FY10 Appropriation	12.300	-248
N00014-08-1-0510	DOD Cap Funds - FY11 Appropriation	12.300	70,649
N00014-08-1-0533	DOD Cap Funds - FY10 Appropriation	12.300	7,747
N00014-08-1-0533	DoD FY 2011 Funding - Uncapped	12.300	17,772
N00014-08-1-0586	DOD CAP Funds - FY10 Appropriation	12.300	-28,949
N00014-08-1-0586	UNCAPPED FY11 Appropriation	12.300	84,828
N00014-08-1-0610	DOD Cap Funds - FY10 Appropriation	12.300	-6,574
N00014-08-1-0610	FY12 UNCAPPED Allocation: Prediction of Ocean Wavefields	12.300	48,814
N00014-08-1-0680	PLUS-SEAS: Persistent Littoral Undersea Surveillance: Simulation, Estimation, a	12.300	139,297
N00014-08-1-0715	DoD Cap Funds - FY 10 Appropriation	12.300	65,378
N00014-08-1-0826	DURIP: A Distributed System for Robust and Accurate Location-Awareness	12.300	24,687
N00014-08-1-0844	DOD Cap Funds - FY10 Appropriation	12.300	-17,867
N00014-08-1-0844	DoD FY2011 Funding - Uncapped	12.300	50,624
N00014-08-1-0898	DOD Capped Funds - FY10 Appropriation	12.300	-3,862

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N00014-08-1-0898	DOD non-Capped Funds - FY 11 Appropriation	12.300	1,605
N00014-08-1-1097	DOD CAP Funds - FY10 Appropriation	12.300	145
N00014-08-1-1097	DOD Cap Funds - FY09 Appropriation	12.300	2,950
N00014-08-1-1247	Fab Equipment: Trapered Amplifier	12.300	18,328
N00014-08-1-1247	DOD CAP Funds - FY11	12.300	238,752
N00014-09-1-0112	DOD Cap: Funds FY11 Appropriation	12.300	75,900
N00014-09-1-0112	Fab-E Maddox MDS Robot	12.300	38,200
N00014-09-1-0124	DoD Cap FY10 Appropriation	12.300	42,526
N00014-09-1-0124	A Framework for Core Cognition	12.300	138,840
N00014-09-1-0160	DOD Capped Funds - FY10 Appropriation	12.300	-46,632
N00014-09-1-0160	DOD Capped Funds - FY09 Appropriation	12.300	45,979
N00014-09-1-0160	Sea-Basing: T-Craft Dynamic Analysis	12.300	3,573
N00014-09-1-0177	Cost Sharing PUF Y2	12.300	97,819
N00014-09-1-0177	DOD Funding FY2011 - Uncapped	12.300	116,591
N00014-09-1-0183	DOD Cap Funds - FY08 Appropriation	12.300	-731
N00014-09-1-0187	DOD Cap: Funds FY10	12.300	134,235
N00014-09-1-0187	FY11 Uncapped funding	12.300	208,350
N00014-09-1-0282	FY11 UNCAPPED Allocation: Lab. Modeling of Int Wave Gen. in Straits	12.300	201,025
N00014-09-1-0282	DoD Cap Funds - FY09 Appropriation	12.300	-79,787
N00014-09-1-0282	Grenoble France Experiment	12.300	1,643
N00014-09-1-0326	DOD Cap: Funds FY11 Appropriation	12.300	30,289
N00014-09-1-0326	DOD Cap: Funds FY10 Appropriation	12.300	-8,293
N00014-09-1-0374	Fabricated Equipment	12.300	29,057
N00014-09-1-0374	DOD Cap Funds-FY10 Appropriation	12.300	47,308
N00014-09-1-0435	Sychronization of Bursty Ultra-Wide Bandwith Transmission	12.300	-770
N00014-09-1-0458	DOD FY2011 Funding - Uncapped	12.300	48,988
N00014-09-1-0458	DoD Capped Funds - FY10 Appropriation	12.300	18,767
N00014-09-1-0458	Collaborative Proposal: Studies of Stirring and Mixing at the Submesoscale in the	12.300	3,043
N00014-09-1-0591	DoD Cap - FY10 Appropriation	12.300	62,696
N00014-09-1-0591	Uncapped: Rate and Constraint Dependence	12.300	17,222
N00014-09-1-0597	CSAIL SClark - FY'11 - FY'14 Expenses	12.300	228,904
N00014-09-1-0597	CSAIL - SClark FY'10 Expenses	12.300	275,282
N00014-09-1-0597	CSAIL - Winston FY'10 Expenses	12.300	336,834
N00014-09-1-0597	CSAIL - Micali FY'10 Expenses	12.300	116,074
N00014-09-1-0597	CSAIL Winston - FY'11 - FY'14 Expenses	12.300	-12,054
N00014-09-1-0597	Political Science - FY'10 Expenses	12.300	1,015,213

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N00014-09-1-0597	CSAIL - Micali - FY'11 - FY'14 Expenses	12.300	16,953
N00014-09-1-0597	CSAIL SubParent - FY'11 - FY'14 Expenses	12.300	-2,639
N00014-09-1-0597	Political Science - FY'11 - FY'14 Expenses	12.300	674,549
N00014-09-1-0597	CSAIL Subparent - FY'10 Expenses	12.300	2,639
N00014-09-1-0597	CSAIL Winston FY12 ECIR Conference	12.300	9,986
N00014-09-1-0625	Child - Cummings Uncapped Funds FY11 + FY12	12.300	140,309
N00014-09-1-0625	Child - Cummings - DoD FY 09 & 10 capped funds	12.300	53,824
N00014-09-1-0625	Integrating Global and Local Situational Awareness in Distributed Unmanned anc	12.300	21,112
N00014-09-1-0625	Child - How Uncapped Funds FY11 + FY12	12.300	88,593
N00014-09-1-0625	Child - Roy Uncapped Funds FY11 + FY12	12.300	64,138
N00014-09-1-0625	Child-How - DoD FY 09 & 10 capped funds	12.300	5,466
N00014-09-1-0625	Child-Davis - DoD FY 09 & 10 capped funds	12.300	6,837
N00014-09-1-0625	Child-Frazzoli - DoD FY 09 & 10 capped funds	12.300	14,787
N00014-09-1-0625	Child - Davis Uncapped Funds FY11 + FY12	12.300	90,287
N00014-09-1-0625	Child-Roy - DoD FY 09 & 10 capped funds	12.300	24,118
N00014-09-1-0641	FY11 - non capped funds	12.300	126,176
N00014-09-1-0676	DOD CAP Funds - FY10 Appropriation	12.300	5,300
N00014-09-1-0676	Autonomous Marine Intelligent Swarming Systems for Interdisciplinary Observinç	12.300	-17,712
N00014-09-1-0676	UNCAPPED Funds: FY11+ appropriation	12.300	302,471
N00014-09-1-0679	DOD Cap Funds - FY10 Appropriations	12.300	32,654
N00014-09-1-0715	Remote Micropower Generators	12.300	1
N00014-09-1-0845	DoD FY2011 Funding - Uncapped	12.300	231,240
N00014-09-1-0845	DOD Cap - FY10 Appropriation	12.300	64,982
N00014-09-1-0863	DoD Cap Funds-FY09 Appropriation	12.300	31,803
N00014-09-1-0864	DoD FY2011 Funding - Uncapped	12.300	164,962
N00014-09-1-0864	DoD cap - FY10 Appropriation	12.300	-59,832
N00014-09-1-0902	DoD FY11 Uncapped	12.300	94,295
N00014-09-1-0902	DOD CAP - FY09 Appropriation	12.300	59,173
N00014-09-1-0952	DoD Cap Funds-FY09 Appropriation	12.300	43,399
N00014-09-1-1000	Uncapped Allocation: Nanoengineered Surfaces	12.300	83,831
N00014-09-1-1000	DoD CAP Funds: FY10 appropriation	12.300	15,000
N00014-09-1-1015	An Electronic System for Ultra Low Power Hearing Implants	12.300	-7,570
N00014-09-1-1051	FY Appropriations Uncapped Funds	12.300	594,947
N00014-09-1-1051	Lozano-Perez Child	12.300	178
N00014-09-1-1051	Cummings Child	12.300	1,229
N00014-09-1-1051	Kaelbling Child	12.300	10,840

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N00014-09-1-1051	FY11 DoD Uncapped funds	12.300	347,099
N00014-09-1-1051	FY10 Dod Capped Funds	12.300	226,519
N00014-09-1-1063	Harvard Subaward 6921406	12.300	151,894
N00014-09-1-1063	Subcontract - BU - 6923044	12.300	38,795
N00014-09-1-1063	DoD Cap Funds - FY10 - Dresselhaus	12.300	191
N00014-09-1-1063	DoD Cap Funds FY10 - Palacios	12.300	1
N00014-09-1-1063	DoD Cap Funds FY10 - Kong	12.300	-467
N00014-09-1-1063	Subcontract - Harvard - 6923044	12.300	64,038
N00014-09-1-1063	DoD Cap Funds FY11-Dresselhaus	12.300	66,874
N00014-09-1-1063	DoD Cap Funds FY11-Kong	12.300	89,503
N00014-09-1-1063	DoD Cap Funds FY11 - Jarillo	12.300	102,011
N00014-09-1-1063	DoD Cap Funds FY11-Palacios	12.300	205,506
N00014-09-1-1063	DoD Cap Funds FY11 - Strano	12.300	219,284
N00014-09-1-1103	DoD Cap Fund-FY11 Appropriation	12.300	175,008
N00014-09-1-1103	Intense Long Wavelength Irradiation of IED Energetic	12.300	153,569
N00014-09-1-1149	DOD Cap Funds - FY09 Appropriation	12.300	133,417
N00014-10-1-0122	Non-DOD Cap Funds - FY11 Appropriation	12.300	73,902
N00014-10-1-0122	DoD Capped Funds - FY10 Appropriation	12.300	-6,845
N00014-10-1-0122	Programmed Pathogen Sense and Destroy Circuits	12.300	-37,599
N00014-10-1-0342	Dod Cap Funds - FY 10 Appropriation	12.300	67,803
N00014-10-1-0485	DoD Cap Funds - FY10 Appropriation	12.300	4,019
N00014-10-1-0562	DOD Cap Funds - FY10 Appropriation	12.300	48,396
N00014-10-1-0562	DoD FY2011 Funding - Uncapped	12.300	108,311
N00014-10-1-0630	Multiphase Turbulence Modeling for Computational Ship Hydrodynamics	12.300	-1,268
N00014-10-1-0630	DOD cap - FY10 appropriation	12.300	60,000
N00014-10-1-0630	Uncapped: Multiphase Turbulence Modeling	12.300	87,525
N00014-10-1-0693	DOD CAP - FY10 appropriation	12.300	-195,846
N00014-10-1-0693	DOD UNCAPPED: FY11+ Appropriation funds	12.300	276,718
N00014-10-1-0693	Fabricated Equipment - Small Wave Tank	12.300	1,235
N00014-10-1-0699	DoD Cap - FY10 Appropriation	12.300	11,087
N00014-10-1-0758	Dod UNCapped Funds - FY11 Appropriation	12.300	158,758
N00014-10-1-0758	Dod Capped Funds - FY10 Appropriation	12.300	-1,582
N00014-10-1-0759	Fabricated Equipment - Didemnum Cruiser AUV	12.300	5,836
N00014-10-1-0759	Fabricated Equipment - Reef Explorer III	12.300	1,718
N00014-10-1-0759	DoD Capped Funds - FY10 Appropriation	12.300	19,417
N00014-10-1-0759	DoD Non Capped Funds - FY11and 12 Appropriation	12.300	113,607

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N00014-10-1-0841	DoD Funds Uncapped	12.300	211,673
N00014-10-1-0841	DOD FY10 Capped Funds	12.300	-94,140
N00014-10-1-0843	Fabricated Equipment - Two-Dimensional Fermi Gases	12.300	63,981
N00014-10-1-0843	Dod Cap Funds - FY 10 Appropriation	12.300	-42,994
N00014-10-1-0843	FY11 Uncapped Funds: Strongly Interacting Fermi Gases in Two Dimensions	12.300	21,140
N00014-10-1-0843	Strongly Interacting Fermi Gases in Two Dimensions	12.300	2,610
N00014-10-1-0877	DoD FY2011 Funding - Uncapped	12.300	145,837
N00014-10-1-0877	DoD Cap - FY10 Appropriation	12.300	52,797
N00014-10-1-0877	Fabricated Equipment - BEC 4	12.300	32,909
N00014-10-1-0877	Fabricated Equipment: BEC 4	12.300	104,410
N00014-10-1-0951	FY Appropriations Uncapped Funds	12.300	901,632
N00014-10-1-0951	Fabricated Equipment - Set of Five Unmanned Aerial Vehicles	12.300	13,930
N00014-10-1-0951	FY10 Appropriations: Subject to DoD Cap.	12.300	15,667
N00014-10-1-0957	DoD FY11 Funding Uncapped - 6922536	12.300	117,099
N00014-10-1-0957	TAWG participation and electron beam diagnostic design	12.300	-5,231
N00014-11-1-0053	Algorithms for Combinatorial Optimization through Rounding	12.300	130,296
N00014-11-1-0056	Stochastic Optimization, Approximation Algorithms, and Computing Equilibria	12.300	188,982
N00014-11-1-0064	A Unified Approach to Passive and Active Ocean Acoustic Waveguide Remote S	12.300	272,678
N00014-11-1-0091	Expansion of A Direct Simulation-Based Study of Radiance in a Dynamic Ocean	12.300	61,543
N00014-11-1-0097	GOATS '11: Adaptive and Collaborative Exploitation of 3-Dimentional Environme	12.300	338,937
N00014-11-1-0119	Non DoD-Capped Funds- FY11 Appropriations	12.300	1,988
N00014-11-1-0212	New Technologies through Computational Materials Design	12.300	202,674
N00014-11-1-0337	Active Transfer Learning For Ocean Modeling	12.300	189,647
N00014-11-1-0397	Network Localization and Navigation in GPS-Challenged Environments	12.300	568,738
N00014-11-1-0413	Free Space Optical Wireless Network	12.300	73,297
N00014-11-1-0486	MOOS-IvP Autonomous Decision Making Using Multi-Objective Optimization	12.300	74,481
N00014-11-1-0545	Investigation of droplet size distribution generated by unsteady, turbulent sheet b	12.300	131,324
N00014-11-1-0598	Low Speed USV Tender	12.300	187,772
N00014-11-1-0598	CFD Methods for seakeeping and propeller analysis of swath hull forms	12.300	77,568
N00014-11-1-0598	CFD Methods for seakeeping and propeller analysis of swath hull forms - Travel	12.300	2,416
N00014-11-1-0657	A New Enviornmentally Sound Technology for Metals Extraction: a Technical Fea	12.300	366,413
N00014-11-1-0657	Fabricated equipment: RDE setup for high-temperature furnace	12.300	10,310
N00014-11-1-0687	Engineering Multifunctional and Multiscale Nanomaterials with Synthetic Biology	12.300	284,620
N00014-11-1-0688	Nonparametric Bayesian Models to Represent Knowledge and Uncertainty for De	12.300	769,403
N00014-11-1-0713	A Certified Reduced Basis Element Method for Interactive and Reliable Design a	12.300	163,739
N00014-11-1-0852	DURIP: Laser System for Optical-Transition Squeezed Clock Below the Standarc	12.300	142,195

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N00014-11-1-0852	Fabricated Equipment: High-finesse Resonator System for Laser Frequency Stal	12.300	40,817
N00014-12-1-0020	Robust and Persistent Feature-based Navigation for Multiple AUVs	12.300	53,457
N00014-12-1-0033	Online and Dynamic Optimization Under Uncertainty	12.300	96,224
N00014-12-1-0050	Vector Sensor Array Signal Processing	12.300	64,590
N00014-12-1-0064	Control of Heterogeneous Wireless Networks: From Theory to Practice	12.300	61,321
N00014-12-1-0071	Prospective Human-Guided Teleautonomy for Agile Mobility and Dexterous Mani	12.300	74,666
N00014-12-1-0093	Extended Capabilities for the HAUV Ship-Inspection Vehicle	12.300	84,600
N00014-12-1-0093	Hover ONR: Michael Kaess child	12.300	27,043
N00014-12-1-0096	Fundamental understanding of oxygen reduction and evolution electrocatalysis o	12.300	86,801
N00014-12-1-0411	ONR Graduate Traineeship Award in Ocean Acoustics for Ankita Deepak Jain	12.300	32,420
N00014-12-1-0458	Programmable Synthetic Combinatorial Sensors in Bacteria	12.300	47,852
N00014-12-1-0521	A New Technology for Metals Extraction: High-temperature electrolysis of Molten	12.300	80,220
N00014-12-1-0590	Hybrid Journal Bearings for Large Ships	12.300	3,198
N00014-12-1-0621	Computer-Aided Engineering for Nucleic Acid-Based Nanotechnology	12.300	70,330
N00014-12-1-0665	Characterizing Surface Transport Barriers in the East Sea of Vietnam	12.300	8,189
N00014/09-1-0177	DoD Cap Funds - FY10 / FY11 Appropriation	12.300	6,041
	Total for 12.300		**18,398,007**
	Total for Navy - ONR		**18,398,007**

Navy Non-Pool

Contract Number	Government Contract Title	CFDA#	FY Expenses
N00189-08-C-Z104	Engineering Support for the Interagency Mark IV Correlator and Recorder Hardw	12.CCC	171,516
N00189-09-C-Z099	USNO Signal Chain	12.CCC	66,225
N00189-10-C-Z079	Next Generation Geodetic-VLBI Signal Processing Chain for the USNO Kokee/K	12.CCC	38,984
	Total for 12.CCC		**276,725**
	Total for Navy Non-Pool		**276,725**

Space and Naval Warfare Systems Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
N66001-12-C-0082	Accountable Information Usage in Distributed Information Sharing Environments	12.CCC	44,695
N66001-12-C-4016	Carr-CLIO SRAWAR	12.CCC	22,195
N66001-12-C-4016	Voigt-CLIO SRAWAR	12.CCC	22,994
N66001-12-C-4016	Lu-CLIO SRAWAR	12.CCC	46,733
N66001-12-C-4187	Redundant Safety Switches for the Environmental Confinement of Engineered O	12.CCC	20,763

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Total for 12.CCC **157,380**

Contract Number	Government Contract Title	CFDA#	FY Expenses
N66001-09-1-2028	Task A OPS	12.910	-27,913
N66001-09-1-2028	Task A OPs	12.910	385,369
N66001-09-1-2028	DoD Cap Funds-FY09 Appropriation	12.910	16,396
N66001-09-1-2028	Task B Fabrication: RF Spectrum Analyzer	12.910	14,508
N66001-09-1-2028	Fabricated Equipment - Multi-Color Infrared Laser Apparatus	12.910	13,185
N66001-09-1-2028	Task B OPs	12.910	268,482
N66001-09-1-2028	Fabricated Equipment - Cryogenic Apparatus for Measuring Critical Temperature	12.910	3,027
N66001-09-1-2028	Task A Fabrication: SR+ Cavity to Comb Locking Apparatus	12.910	1,837
N66001-09-1-2028	Task C OPs	12.910	490
N66001-09-1-2028	Fabricated Equipment - Transfer Cavity	12.910	-87
N66001-09-1-2028	Task A Equipment	12.910	120,446
N66001-09-1-2087	Dod Capped Funds - FY10	12.910	118,713
N66001-09-1-2087	Dod Capped Funds - FY09	12.910	18,907
N66001-09-1-2096	DOD Capped Funds - FY10	12.910	13,962
N66001-10-1-4041	DOD Cap Funds - FY10 Appropriation	12.910	162,397
N66001-10-1-4046	DOD Cap FY11 - Uncapped	12.910	123,312
N66001-10-1-4046	DoD Cap Funds - FY10 Appropriation	12.910	80,901
N66001-10-1-4047	DoD Cap Funds - FY10 Appropriation	12.910	95,415
N66001-10-1-4047	DoD FY 2011 Funding - Uncapped	12.910	42,944
N66001-10-1-4050	Fabricated Equipment - Cold atom Optical Lattice Emulator	12.910	12,523
N66001-10-1-4050	Fabricated Equipment: Cold Atom Optical Lattice Emulator.	12.910	47,328
N66001-10-1-4062	Gershenfield Child	12.910	161,186
N66001-10-1-4062	Fly Quantum Sensor Gershenfeld Supplement	12.910	183,300
N66001-10-1-4062	Subcontract - U Miami - 6922712	12.910	299,775
N66001-10-1-4062	FY11 Uncapped funding	12.910	96,187
N66001-10-1-4062	Subcontract - Fleming Institute - 6922712	12.910	492,357
N66001-10-1-4063	DOD FY 11 Appropriation: Quantum Coherence and Decoherence in Molecular E	12.910	428,343
N66001-10-2-4089	CANDOR: Clean-Slate System Integrity using Selective Redot	12.910	614,095
N66001-10-2-4089	Child Account Davis/Solar Lezama	12.910	136,073
N66001-11-1-4164	Fabricated Equipment - Vacuum Chamber System	12.910	5,275
N66001-11-1-4164	Fast-Pulsed High-Current Cold Cathodes with Temporal & Spatial Uniformity	12.910	149,914
N66001-11-1-4182	Continuous Monitoring and Separation of Blood for Mitigation of Sepsis	12.910	215,048
N66001-11-1-4182	Voldman Research	12.910	164,845
N66001-11-1-4192	Fabricated Equipment - UHV Chamber System	12.910	260

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Contract Number	Government Contract Title	CFDA#	FY Expenses
N66001-11-1-4192	CUBIX - Coherent Ultrabright Inverse Compton Scattering X-Ray Sources	12.910	1,168
N66001-11-1-4192	SPAWAR Subcontract University of Northern Illinois	12.910	57,107
N66001-11-1-4192	RLE - CUBIX	12.910	85,053
N66001-11-1-4192	SPAWAR Child Graves	12.910	112,132
N66001-11-1-4192	SPAWAR Child Kaertner	12.910	304,039
N66001-11-1-4192	SPAWAR Child Berggren	12.910	84,614
N66001-11-C-4147	Fab Equipment - Pharmacy on Demand	12.910	4,091
N66001-11-C-4147	Fab Eq - Pharmacy on Demand System	12.910	50,315
N66001-11-C-4147	Child - Jamison - 6924712	12.910	283,266
N66001-11-C-4147	Child - Myerson - 6924712	12.910	301,437
N66001-11-C-4147	Compact, On-Demand Continuous Flow Manufacturing of Pharmaceuticals	12.910	540,872
	Total for 12.910		**6,282,894**
	Total for Space and Naval Warfare Systems Center		**6,440,274**

U.S. Army Medical Research and Material Command

Contract Number	Government Contract Title	CFDA#	FY Expenses
W81XWH-09-1-0088	Studying Protein Synthesis-Dependent Synaptic Changes in Tuberous Sclerosis	12.420	5,954
W81XWH-09-2-0143	Prosthetic knee-ankle-foot system with biomechatronic sensing, control, and pow	12.420	354,115
W81XWH-10-1-0290	T-Pharmacytes for Prostate Cancer Immunotherapy	12.420	118,487
W81XWH-10-1-0291	T-Pharmacytes for Prostate Cancer Immunotherapy	12.420	134,690
W81XWH-10-1-0292	T-Pharmacytes for Prostate Cancer Immunotherapy	12.420	104,630
W81XWH-10-1-0370	Dev of a High-Content Neuronal Assay to Screen Therapeutics on the Indictment	12.420	148,291
W81XWH-10-1-1013	Escape from Tumor Cell Dormancy	12.420	173,586
W81XWH-11-1-0252	Role of Altered mGluR activity in Cognitive Impairments	12.420	310,863
W81XWH-11-1-0676	Model-based, Noninvasive Monitoring of Intracranial Pressure	12.420	171,778
W81XWH-11-2-0179	PT100120: Using Real-Time Functional Imaging to Speed Recovery from TBI	12.420	180,158
W81XWH-12-2-0016	Child: Collaborative Initiatives	12.420	92,835
W81XWH-12-2-0016	Post-Traumatic Stress Innovations: U.S. Military Enterprise Analysis	12.420	979,728
	Total for 12.420		**2,775,115**
	Total for U.S. Army Medical Research and Material Command		**2,775,115**

United States Air Force Academy

Contract Number	Government Contract Title	CFDA#	FY Expenses
FA7000-11-2-0012	Space Engineering Research	12.800	172,779

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Total for 12.800	**172,779**
Total for United States Air Force Academy	**172,779**
Total for Department of Defense	**71,032,841**

Department of Energy

Argonne National Laboratory

Contract Number	Government Contract Title	CFDA#	FY Expenses
9F-32142	ANL Post Stop-Work Order child	81.CCC	3,865
9F-32142	Polymer Electrolyte Fuel Cell Lifetime Limitations: The Role of Electrocatalyst De	81.CCC	83,629
IF-32302	Methods Development for Exascale Simulation of SMRs	81.CCC	112,429
OF-34642	Technologies and Concepts to Reduce the US Dependence on Imported Petrole	81.CCC	97,458
	Total for 81.CCC		**297,381**
	Total for Argonne National Laboratory		**297,381**

DOE - Chicago

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-01ER54648	Center for Simulation of Wave Plasma Interactions	81.049	198,521
DE-FC02-06ER41444	National Computational Infrastructure for Lattice Gauge Theory	81.049	40,644
DE-FC02-06ER54855	SWIM: Extended - MHD Closure Models in the Presence of RF	81.049	40,637
DE-FC02-06ER54855	SWIM: Incorporating TORIC in the IPS	81.049	35,553
DE-FC02-08ER54966	Center for the Study of Microturbulence	81.049	113,108
DE-FC02-08ER54969	Center for Extended Magnetohydrodynamics Modeling	81.049	71,116
DE-FC02-93ER54186	Personnel (6770100)	81.049	795,515
DE-FC02-93ER54186	Porkolab N.I. (6395200)	81.049	445,367
DE-FC02-93ER54186	HTS Tape Test Device-Fab E	81.049	13,579
DE-FC02-93ER54186	Design Activities for Steady State Tokamah with High Temperature Walls	81.049	37,078
DE-FC02-93ER54186	FAB-Temkin (6395800)	81.049	45,707
DE-FC02-93ER54186	Operations (6769700)	81.049	163,170
DE-FC02-93ER54186	Temkin Task 02 (6394300)	81.049	395,395
DE-FC02-93ER54186	Fab. Eq. HTS Joint Test Apparatus	81.049	1,501
DE-FC02-93ER54209	ECH Technology Development	81.049	122,863
DE-FC02-94ER40818	BLAST Physics	81.049	130
DE-FC02-94ER40818	Bates Accelerator Physics	81.049	3,047

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-94ER40818	Heavy Ion Phobos Management	81.049	316
DE-FC02-94ER40818	Bernstein Support Off	81.049	22
DE-FC02-94ER40818	Fabrication: Mode-Locked Laser	81.049	185
DE-FC02-94ER40818	Milner Support Off	81.049	339,326
DE-FC02-94ER40818	Task K DarkLight Experiment	81.049	419,833
DE-FC02-94ER40818	Electrical Engineering	81.049	398,129
DE-FC02-94ER40818	Mechanical Engineering	81.049	424,250
DE-FC02-94ER40818	Bertozzi Support OFF	81.049	515,207
DE-FC02-94ER40818	Heavy Ion Off	81.049	641,729
DE-FC02-94ER40818	Bates R&E Lab-Safety	81.049	4,257
DE-FC02-94ER40818	Heavy Ion	81.049	378,392
DE-FC02-94ER40818	Nuclear Theory	81.049	874,982
DE-FC02-94ER40818	Surrow Support-Off-site - ON	81.049	321,421
DE-FC02-94ER40818	LNS Research HIR	81.049	10,921
DE-FC02-94ER40818	NIG Group Off-Site Research	81.049	134,438
DE-FC02-94ER40818	Polarized Source	81.049	150,281
DE-FC02-94ER40818	Donnelly Support Off-Site Research	81.049	158,028
DE-FC02-94ER40818	Kowalski Support Off	81.049	175,086
DE-FC02-94ER40818	Matthews Support Off-Site Research	81.049	175,342
DE-FC02-94ER40818	Surrow Support-Off-site - OFF	81.049	191,501
DE-FC02-94ER40818	Heavy Ion CMS-OFF	81.049	198,183
DE-FC02-94ER40818	Olympus Project at BATES	81.049	206,514
DE-FC02-94ER40818	Accelerator Physics	81.049	220,852
DE-FC02-94ER40818	Lattice Hadron Physics Initiative	81.049	262,077
DE-FC02-94ER40818	Milner Support Off-Site Research	81.049	263,921
DE-FC02-94ER40818	Logistic Support HPG	81.049	130,852
DE-FC02-94ER40818	LNS Research NTR	81.049	10,519
DE-FC02-94ER40818	Computing Resources and Operations for U.S. CMS HI Research	81.049	120,018
DE-FC02-94ER40818	Kowalski Support Off-Site Research	81.049	86,104
DE-FC02-94ER40818	Logistical Support	81.049	12,843
DE-FC02-94ER40818	Star Upgrade	81.049	15,808
DE-FC02-94ER40818	Redwine Support Off-Site Research	81.049	20,899
DE-FC02-94ER40818	Nuclear Theory Off	81.049	23,585
DE-FC02-94ER40818	Computer	81.049	27,043
DE-FC02-94ER40818	Matthews Support Off	81.049	42,162
DE-FC02-94ER40818	Bates R&E Lab-Administration	81.049	47,440

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-94ER40818	LNS Research MEBR Off	81.049	49,487
DE-FC02-94ER40818	Fabricated Equipment - OLYMPUS Scattering Chamber and Vacuum System	81.049	56,833
DE-FC02-94ER40818	Bernstein Support Off-Site Research	81.049	67,004
DE-FC02-94ER40818	Heavy Ion High Level Trigger	81.049	69,099
DE-FC02-94ER40818	Heavy Ion Phobos Off	81.049	91,779
DE-FC02-94ER40818	OLYMPUS GEM Tracker	81.049	4,718
DE-FC02-94ER40818	Redwine Support Off	81.049	338,366
DE-FC02-99ER54512	Fabricated: C-Mod Polarimeter Diagnostic	81.049	99,390
DE-FC02-99ER54512	Fab Eq CECE Diagnostic	81.049	4,537
DE-FC02-99ER54512	Fabricated: Digital Plasma Control System	81.049	5,886
DE-FC02-99ER54512	Fabricated: Core Thomson Scattering Upgrade	81.049	6,254
DE-FC02-99ER54512	Divertor OPS account	81.049	6,541
DE-FC02-99ER54512	Fab: DNB Upgrade	81.049	6,617
DE-FC02-99ER54512	Fabricated: CMOD Diag X-Ray Tomography Lab	81.049	7,678
DE-FC02-99ER54512	Fab: Plasma Potential Diagnostic	81.049	7,688
DE-FC02-99ER54512	Fab Eq Disruption Bolometry AXUV Diode System	81.049	8,034
DE-FC02-99ER54512	Fab Eq - EUV Spectrometer	81.049	8,159
DE-FC02-99ER54512	Fab Eq Upgrade for Fast Optical Fluctuation Diagnostic	81.049	10,775
DE-FC02-99ER54512	Fab Eq - Educational Plasma Demo Upgrade	81.049	11,119
DE-FC02-99ER54512	Fab Eq - MSE Shutter upgrade	81.049	11,755
DE-FC02-99ER54512	Fab Eq - Divertor Spectroscopy Phase II	81.049	15,334
DE-FC02-99ER54512	Alcator CMOD-Radiology/Safety	81.049	15,764
DE-FC02-99ER54512	Fab. Equip. - Energetic Ion Loss Dector Array	81.049	16,637
DE-FC02-99ER54512	Child - Felix Parra Diaz Initiatives Funding	81.049	19,702
DE-FC02-99ER54512	Jet	81.049	20,204
DE-FC02-99ER54512	Fabricated: High-Bandwidth Probe Electronics	81.049	4,439
DE-FC02-99ER54512	Alcator C-Mod Administration	81.049	91,536
DE-FC02-99ER54512	Fabricated: Charge Exchange Spectroscopy	81.049	3,723
DE-FC02-99ER54512	Fabricated: ICRF Transmitter	81.049	2,028
DE-FC02-99ER54512	Fabricated: Control Systems Upgrade	81.049	7,019
DE-FC02-99ER54512	Fabricated: Fast Optical Fluctuation Diagnostic	81.049	-902
DE-FC02-99ER54512	Fabricate: Phase Contrast Imaging (PCI) Diagnostic	81.049	-462
DE-FC02-99ER54512	Fabricated: First Wall Modifications	81.049	-362
DE-FC02-99ER54512	Fabricated: Fast Magnetic Probe	81.049	-227
DE-FC02-99ER54512	Fabricated: Inner Wall Probe Fab	81.049	-88
DE-FC02-99ER54512	FAB: Spatially Resolving High Resolution X-Ray Spectrometer (SR-HIREX)	81.049	66

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-99ER54512	Fab: 4-Strap ICRF Antenna Fabrication	81.049	132
DE-FC02-99ER54512	Fabricated: Imaging X-Ray Spectrometer	81.049	161
DE-FC02-99ER54512	Fabricated: 2-D Bolometry	81.049	362
DE-FC02-99ER54512	Alcator CMOD - Project Engineering	81.049	441
DE-FC02-99ER54512	Fab: Diverter Heat Flux	81.049	451
DE-FC02-99ER54512	Fabricated: Disruption Gas Jet	81.049	1,204
DE-FC02-99ER54512	ARRA - TAS::89 0227: :TAS RECOVERY ACT ALCATOR C-MOD FUSION RES	81.049	16,261
DE-FC02-99ER54512	Fabricated: Alcator CMOD - Magnetic System Fab	81.049	1,871
DE-FC02-99ER54512	Alcator CMOD Stockroom Expense	81.049	1,938
DE-FC02-99ER54512	Fab: Fast Ferrite Tuner System	81.049	1,962
DE-FC02-99ER54512	FAB: Laser Blow-Off System (Impurity Injector)	81.049	2,037
DE-FC02-99ER54512	Fab Eq - CXRS Dalpha diodes / PMT'S	81.049	20,613
DE-FC02-99ER54512	Fab Eq - 4/6 GHz Reflectometer	81.049	20,484
DE-FC02-99ER54512	Lower Hybrid Materials and Services	81.049	60,629
DE-FC02-99ER54512	Alcator C-Mod Radio Frequency	81.049	52,520
DE-FC02-99ER54512	Alcator CMOD Electronics Computer	81.049	81,016
DE-FC02-99ER54512	Alcator C-Mod	81.049	82,271
DE-FC02-99ER54512	Fabricated: Two-Color Interferometer Upgrade	81.049	83,923
DE-FC02-99ER54512	Alcator C-Mod Operations	81.049	1,405,971
DE-FC02-99ER54512	Alcator C-Mod Travel	81.049	436,362
DE-FC02-99ER54512	Fabricated: Equip Alcator C-Mod	81.049	321,303
DE-FC02-99ER54512	Fab Eq - C-Mod Data Server	81.049	50,815
DE-FC02-99ER54512	Alcator C-Mod Subcontracts	81.049	300,354
DE-FC02-99ER54512	MDSplus Development	81.049	190,672
DE-FC02-99ER54512	Alcator C-Mod New Initiative	81.049	180,831
DE-FC02-99ER54512	Alcator C-Mod Diagnostics	81.049	127,356
DE-FC02-99ER54512	Alcator CMOD Alternator House	81.049	118,368
DE-FC02-99ER54512	Alcator CMOD Vacuum Shop	81.049	101,958
DE-FC02-99ER54512	Alcator C-Mod Research	81.049	101,491
DE-FC02-99ER54512	Fab Eq - EF 2 System Upgrade	81.049	99,500
DE-FC02-99ER54512	Alcator C-Mod Computers	81.049	234,957
DE-FC02-99ER54512	Alcator OPS/Equipment	81.049	50,089
DE-FC02-99ER54512	Alcator C-Mod Personnel	81.049	17,056,718
DE-FC02-99ER54512	K Star	81.049	47,627
DE-FC02-99ER54512	Fabricated: Machine Upgrade	81.049	43,789
DE-FC02-99ER54512	New Initiatives Alcator-Whyte	81.049	23,486

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-99ER54512	Fab: ICRF Edge Reflectometer	81.049	29,721
DE-FC02-99ER54512	Fab Equip: Scanning Probe Modifications & Upgrades	81.049	34,895
DE-FC02-99ER54512	Fab Eq - Outer Divertor Upgrade Phase 2	81.049	36,473
DE-FC02-99ER54512	Fab Eq - QuasiCoherentMode AntennaSystem	81.049	49,641
DE-FC02-99ER54512@2005300	ARRA - Fab Eq - Fourth Cart and Control Upgrades for Lower Hybrid	81.049	448,318
DE-FC02-99ER54512@2005300	ARRA - Fab Eq - Advanced 4-Strap ICRF Antenna	81.049	120,179
DE-FC02-99ER54512@2005300	ARRA - Fab Eq - Polarimeter Upgrade	81.049	98,400
DE-FC02-99ER54512@2005300	ARRA - Fab Eq - ICRF Power/Match Upgrade/FFT	81.049	162,865
DE-FC02-99ER54512@2005300	ARRA - Fab Eq - Second 4 Strap Antenna	81.049	68,905
DE-FG02-00ER15087	Ultrafast Coherent Soft X-Rays: A Novel Tool for Spectroscopy of Collective Beh	81.049	120,158
DE-FG02-02ER45977	FabEq-AFM Cantilever Derived SpectrSys	81.049	4,118
DE-FG02-02ER45977	Heat Conduction in Nanowire Structures	81.049	350,990
DE-FG02-02ER45977	Supplement on Near-field Thermal Radiation between Two Objects at Extreme S	81.049	17,776
DE-FG02-02ER45977	FabEq-AFM CantlvrBasedInfraredSpectrSys	81.049	10,268
DE-FG02-03-ER54700	Physics of High Energy Plasmas	81.049	357,403
DE-FG02-03ER46076	Strongly Corregated Electronic Systems: Local Moments and Conduction Electro	81.049	211,050
DE-FG02-04ER46134	Establishing a United Effort to Crystal Growth, Neutron Scattering, and X-ray Sca	81.049	340,483
DE-FG02-04ER46149	Self-Assembling Biological Springs Force Transducers on the Micron Nanoscale	81.049	185,914
DE-FG02-04ER54802	Center for Extended Magnetohydrodynamic Modeling	81.049	108,953
DE-FG02-05ER15728	Fabricated Equipment - Photoelectrochemistry Measurement Lasers	81.049	38,453
DE-FG02-05ER15728	Instability of Noble Metal Catalysts in Proton Exchange Membrane Fuel Cells: Ex	81.049	63,005
DE-FG02-05ER15745	Hangman Catalysis for Phot- and Photoelectro- Chemical Activation of Water	81.049	154,056
DE-FG02-05ER25681	Scientific Discovery with the Blue Gene/L	81.049	62,613
DE-FG02-05ER41360	EMI Operations	81.049	3,005,889
DE-FG02-05ER41360	ARRA - LQS ARRA Equipment	81.049	2,766
DE-FG02-05ER41360	Fabrication: AMS-02 Gas Systems	81.049	239,134
DE-FG02-05ER41360	EMI A&C	81.049	212,698
DE-FG02-05ER41360	Lepton Quark	81.049	377,213
DE-FG02-05ER41360	OJI-Hong Liu	81.049	31,149
DE-FG02-05ER41360	Lepton Quark Studies-Task F	81.049	113,973
DE-FG02-05ER41360	PPC-General	81.049	96,878
DE-FG02-05ER41360	Fabrication: AMS-02 Detector Electronic Equipment	81.049	91,679
DE-FG02-05ER41360	LQS Detector R&D	81.049	44,776
DE-FG02-05ER41360	LNS Research Fund ON	81.049	65,775
DE-FG02-05ER41360	ARRA - Particle Theory ARRA Equipment	81.049	-178
DE-FG02-05ER41360	Fabrication: AMS-02 Cryomagnet Avionics Systems	81.049	21,732

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FG02-05ER41360	Fabrication: AMS-02 Detector and Integration	81.049	340,341
DE-FG02-05ER41360	Particle Theory On	81.049	1,226,827
DE-FG02-05ER41360	PPC-CDF	81.049	1,573,168
DE-FG02-05ER41360	Particle Theory Off	81.049	279,068
DE-FG02-05ER46253	UCLA Subcontract - 6898635	81.049	54,106
DE-FG02-05ER46253	Child Marzari - 6898635	81.049	34,849
DE-FG02-05ER46253	Thermodynamics and Kinetics of Phase Transformations in Hydrogen Storage M	81.049	62,457
DE-FG02-05ER54836	Exploration of Plasma Jets Approach to High Energy Density Physics	81.049	9,846
DE-FG02-06ER41420	off-campus OJI-Probing the Absolute Mass Scale	81.049	-1,963
DE-FG02-06ER41420	OJI - Probing the Absolute Mass Scale	81.049	-31,783
DE-FG02-06ER54891	Interactions of a Flowing Plasma with a Collecting Sphere	81.049	100,608
DE-FG02-07ER15839	Rheological Properties of Earth's Upper Mantle at High Pressure: Roles of Melt, \	81.049	123,402
DE-FG02-07ER46454	Probing nanocrystal electronic structure and dynamics in the limit of single nanoc	81.049	250,796
DE-FG02-07ER46474	High Efficiency Biomimetric Organic Solar Cells	81.049	237,253
DE-FG02-07ER46474	T. Van Voorhis: High Efficiency Biomimetric Organic Solar Cells	81.049	44,150
DE-FG02-08ER25858	Large-Scale Optimization for Bayesian Inference in Complex Systems	81.049	26,209
DE-FG02-08ER46488	Child - Braatz - 6916988	81.049	79,259
DE-FG02-08ER46488	Fab Equipment - Carbon Nanotube Automated Separation System	81.049	13,032
DE-FG02-08ER46488	Self Assembly & Self-Repair of Novel Photosynthetic Reaction Center/Single Wa	81.049	166,497
DE-FG02-08ER46514	Novel Temperature Limited Tunneling Spectroscopy of Quantum Hall Systems	81.049	181,552
DE-FG02-08ER46514	Fabricated Equipment RF SET/Capacitance Rotator Probe	81.049	39,257
DE-FG02-08ER46514	Fabricated Equipment: Novel Temperature Limited Tunneling Spectroscopy of Q	81.049	-747
DE-FG02-08ER46515	Measurement of Single Electronic Charging of Semiconductor Nano-Crystal	81.049	85,238
DE-FG02-08ER46516	Fabricated Equipment: AFM Cantilever Derived Spectroscopy System	81.049	-2,601
DE-FG02-08ER46516	Fabricated Equipment: AFM Cantilevel Infrared Spectroscopy System	81.049	-6,532
DE-FG02-08ER46516	Thermoelectric Nanocomposites at Intermediate Temperature Range: Synthesis	81.049	127,602
DE-FG02-08ER46521	Routing Optics for Optical Parametric Amplifier Fabricated Equipment	81.049	4,980
DE-FG02-08ER46521	Ultrafast Electronic and Structural Dyamics in Complex Materials	81.049	82,569
DE-FG02-08ER64516	Genomic Structure, Metagenomics, Horizontal Gene Transfer, and Natural Divers	81.049	-12,744
DE-FG02-08ER64516	Genomic Structure, Metagenomics, Horizontal Gene Transfer, and Natural Divers	81.049	96,055
DE-FG02-08ER64516	Genomic Structure, Metagenomics, Horizontal Gene Transfer, and Natural Divers	81.049	10,306
DE-FG02-08ER64592	Collaborative Research: Abrupt Climate Change and the Atlantic Meridional Ove	81.049	71,693
DE-FG02-08ER64597	Quantifying Climate Feedbacks from Abrupt Changes in High-Latitude Trace-Gas	81.049	76,685
DE-FG02-09ER46556	Fab Eq - Opto-Mechanical Setup for Testing Novel Neutron Focusing Mirrors	81.049	1,309
DE-FG02-09ER46556	Optics for Advanced Neutron Imaging	81.049	281,833
DE-FG02-86ER13564	Catalysts for the Living Polymerizations of Olefins	81.049	150,054

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FG02-87ER13671	Fab E Account / 6920424	81.049	25,051
DE-FG02-87ER13671	Spectroscopic and Dynamical Studies of Highly Energized Small Polyatomic Mol	81.049	185,712
DE-FG02-90ER45429	Neutron and X-Ray Scattering Studies of Kinetic Glass Transition in Colloidal Sys	81.049	371,046
DE-FG02-91ER40648	ARRA - TAS::89 0227::TAS Recovery Act - 17 Ghz High Gradient Accelerator Re	81.049	-915
DE-FG02-91ER40648	RF Gun	81.049	28,014
DE-FG02-91ER40648	Task A High Gradient Acceleration	81.049	384,549
DE-FG02-91ER40648	Electron Spectrometer	81.049	13,770
DE-FG02-91ER54109	Plasma Turbulence Transport	81.049	58,226
DE-FG02-91ER54109	Fusion Theory	81.049	1,315,577
DE-FG02-93ER61677	Coupled Atmosphere - Ocean Models	81.049	-30
DE-FG02-94ER40818	Task W	81.049	8,954
DE-FG02-94ER40818	Neutrino Physics Group	81.049	285,335
DE-FG02-94ER54235	Off Campus: CODA	81.049	248,132
DE-FG02-94ER54235	Fabricated Equipment	81.049	44,607
DE-FG02-94ER54235	Phase - Contrast Imaging Diagnostic on DII-D.	81.049	27,966
DE-FG02-94ER54235	Off Campus Machuzak	81.049	-149
DE-FG02-94ER54235	Development of an Accelerator-Based Diagnostic for Plasma Facing Surfaces in	81.049	352,589
DE-FG02-94ER54235	Millimeter/Submillimeter Diagnostic	81.049	67,727
DE-FG02-94ER61937	An Intergrated Framework for Climate Change Assesment	81.049	1,518,596
DE-FG02-95ER40919	Focused Intense Charged Particle Beams	81.049	302,812
DE-FG02-96ER45571	First Principles Determination of Structure, Thermodynamics, and Transport in M	81.049	188,556
DE-FG02-97ER14760	Evolution of Pore Structure and Permeability of Rocks Under Hydrothermal Cond	81.049	355,137
DE-FG02-98ER14914	Computer-Aided Construction of Chemical Kinetic Models	81.049	94,352
DE-FG02-98ER54458	ARRA - TAS::89 0227::Recovery Act - Levitated Dipole Experiment, Project 2005	81.049	246,564
DE-FG02-98ER54458	Levitated Dipole Experiment-Parent	81.049	159,526
DE-FG02-98ER54458	Levitated Dipole Experiment-Operations	81.049	8,490
DE-FG02-99ER14988	Water Spectroscopy	81.049	633
DE-FG02-99ER14988	Structural Dynamics in Complex Liquids Studied with Multidimensional Vibrationa	81.049	335,948
DE-FG02-99ER15004	Physics of Channelization: Theory, Experiment, and Observation	81.049	201,142
DE-FG02-99ER54525	Full Wave Studies of High harmonic Heating in NSTX with Application to Transpo	81.049	55,476
DE-FG02-99ER54563	Fast Particle-wave Interaction and Alfven Eigenmodes in the JET Tokamak Plasr	81.049	96,556
DE-FG02-99ER54563	JET Collaboration Off-Campus	81.049	1,141
DE-SC0001088	ARRA - Excitonics Nelson	81.049	74,263
DE-SC0001088	ARRA - Excitonics Berggren	81.049	91,953
DE-SC0001088	ARRA - Excitonics Bawendi	81.049	62,639
DE-SC0001088	ARRA - Excitonics PI's	81.049	156,291

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-SC0001088	ARRA - Excitonics Core Activities	81.049	112,664
DE-SC0001088	ARRA - DINCA M&S and Travel	81.049	47,306
DE-SC0001088	ARRA - Brookhaven	81.049	170,340
DE-SC0001088	ARRA - Fabricated Equipment - Mid-Infrared Optical Set Up	81.049	557
DE-SC0001088	ARRA - MOODERA M&S and Travel	81.049	1,222
DE-SC0001088	ARRA - CAO M&S and Travel	81.049	5,154
DE-SC0001088	ARRA - Excitonics Kong	81.049	5,628
DE-SC0001088	ARRA - Excitonics Admin Travel	81.049	60,002
DE-SC0001088	ARRA - Tisdale M&S - Travel	81.049	8,807
DE-SC0001088	ARRA - Excitonics Katz/Olsen M&S	81.049	20,306
DE-SC0001088	ARRA - Excitonics Swager	81.049	23,734
DE-SC0001088	ARRA - Excitonics Bulovic	81.049	24,478
DE-SC0001088	ARRA - Excitonics Gradecak	81.049	35,736
DE-SC0001088	ARRA - Excitonics Van Voorhis	81.049	13,146
DE-SC0001088	ARRA - Excitonics Baldo	81.049	253,316
DE-SC0001088	ARRA - Recovery Act - Harvard Sub - Loncar	81.049	87,473
DE-SC0001088	ARRA - Recovery Act - Harvard Subaward	81.049	468,730
DE-SC0001088	ARRA - Excitonics Postdocs and Research Staff	81.049	517,124
DE-SC0001088	ARRA - Excitonics Research Assistants	81.049	1,450,294
DE-SC0001088	ARRA - Seed Funding	81.049	265,249
DE-SC0001299	Boston College Sub-Award-EFRC-S3TEC Center	81.049	388,048
DE-SC0001299/ DE-FG02-09ER4657	Optical Emission Vacuum Setup - Fabricated Equipment	81.049	13,328
DE-SC0001299/ DE-FG02-09ER4657	S3Tec Seed Funding - Jarillo-Herrero	81.049	44,312
DE-SC0001299/ DE-FG02-09ER4657	Fabricated Equipment - Optical setup (photonic crystal laser devices)	81.049	5,405
DE-SC0001299/ DE-FG02-09ER4657	Temperature/Pressue/Humidity Controlled Vacuum System	81.049	27,895
DE-SC0001299/ DE-FG02-09ER4657	MPC-EFRC Research Center S3Tec - Seed Funding	81.049	47,450
DE-SC0001299/ DE-FG02-09ER4657	EFRC-S3TEC Center-Research	81.049	2,109,681
DE-SC0001299/ DE-FG02-09ER4657	Solid-State Solar-Thermal Energy Conversion Center (S3Tec Center)	81.049	617,548
DE-SC0001299/ DE-FG02-09ER4657	RPI subaward (seed funding)	81.049	69,057
DE-SC0001682	Plasma Simulation Program	81.049	27,248
DE-SC0002060	ARRA - Fab Eq - DIONISOS Experiment Upgrade	81.049	1,457
DE-SC0002060	ARRA - TAS::89 0227::TAS RECOVERY ACT - PLASMA SCIENCE CENTER BI	81.049	480,635
DE-SC0002060	ARRA - Fab Eq - RF Charge Exchange Ion Source for CLASS Tandem Accelera	81.049	2,857
DE-SC0002517	Large-Scale Optimization for Bayesian Inference in Complex Systems	81.049	151,742
DE-SC0002626	Electrochemically-Driven Phase Transitions in Battery Storage Compounds	81.049	108,862
DE-SC0002626	Child - Carter [6920590]	81.049	209,345

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-SC0002629	New Approach for 2D Readout of GEM Detectors	81.049	24,962
DE-SC0002633	SISGR: Chemomechanics of Far-From Equilibrium Interfaces	81.049	832,457
DE-SC0003564	ARRA - TAS::89 0227::TAS Recovery Act - Analysis and Reduction of Complex I	81.049	44,991
DE-SC0003906	ARRA - TAS:89 0227::TAS Recovery Act - Methods for Decision under Technolo	81.049	108,099
DE-SC0003907	ARRA - TAS:89 0227::TAS Recovery Act - Nonequilibrium Physics and Phase-Fi	81.049	25,899
DE-SC0003908	ARRA - TAS:89 0227::TAS Recovery Act - Predictive Modeling of Complex Phys	81.049	134,451
DE-SC0005262	Fabrication: Sub-Femtosecond Timing Distribution	81.049	-28,169
DE-SC0005262	Child Account - Graves Supplement	81.049	11,881
DE-SC0005262	Key Laser Technologies for X-ray FELs	81.049	-120,005
DE-SC0005288	ZettaBricks: A Language Compiler and Runtime System for Anyscale Computing	81.049	688,473
DE-SC0005372	Software Synthesis for High Productivity Exascale Computing	81.049	171,016
DE-SC0005712	Development of a Polarized 3He Ion Source for RHIC	81.049	11,213
DE-SC0005712	Fabricated Equipment - Polarized 3He Ion Source	81.049	86,544
DE-SC0005807	High Intensity Polarized Gun	81.049	292,108
DE-SC0005807	Fabricated Equipment - High Intensity Polarized E-Gun Prep Chamber	81.049	86,716
DE-SC0006389	Interpreting New Data from the High Energy Frontier	81.049	135,116
DE-SC0006418	Quantum Transport in Topological Insulator Nanoelectronic Devices	81.049	200,755
DE-SC0006419	Electron Temperature Fluctuation Measurements and Transport Model Validatior	81.049	106,967
DE-SC0006423	Fabricated Equipment - Spectrometer for THz Magneto-Spectroscopy	81.049	42,899
DE-SC0006423	Optical Manipulation and Detection of Emergent Phenomena in Topological Insul	81.049	145,328
DE-SC0006544	The Electron Diffusion Region in 3D Spontaneous Magnetic Reconnection	81.049	78,790
DE-SC0006937	Electronic and Ionic Conductors from Ordered Microporous Materials	81.049	125,574
DE-SC0007099	Quantification of Uncertainty in Extreme Scale Computations (QUEST)	81.049	90,277
DE-SC0007106	Thermodynamics of Self-Assembly in Globular Protein-Polymer Conjugates	81.049	152,147
DE-SC0007114	Collaborative Research: Quantifying Climate Feedbacks of the Terrestrial Biosph	81.049	113,301
	Total for 81.049		**63,868,364**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-06ER54859	SciDAC - Center for Plasma Edge Simulation	81.CCC	66,765
	Total for 81.CCC		**66,765**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FG02-07ER64506	Microbial Gene Expression in Ocean: Community Gene Function and Dynamics	81.000	31,738
DE-FG02-08ER46488	UIUC Subaward - 6916988	81.000	18,343
	Total for 81.000		**50,081**

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Total for DOE - Chicago **63,985,210**

DOE - Chicago - Equipment

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FC02-99ER54512	Fabricated: Control Systems Upgrade	81.049	-21,760
DE-FC02-99ER54512	Fab Equip/RF Instrumentation & Control	81.049	4,917
DE-FC02-99ER54512	Fabricated: CMOD TV System	81.049	2,382
DE-FC02-99ER54512	Fabricated: Active MHD Spectroscopy	81.049	1,962
DE-FC02-99ER54512	Fabricated: ECE Grating Polychromator	81.049	1,635
DE-FC02-99ER54512	Fab Equip/Divertor Cryopump	81.049	99
DE-FC02-99ER54512	Fabricated: Diverter Spectroscopy System	81.049	-89
DE-FC02-99ER54512	Fabricated: 3He Neutron Spectrometer	81.049	-927
DE-FC02-99ER54512	Fabricated: Omegatron Probe	81.049	-1,805
DE-FC02-99ER54512	Fabricated: X-Ray Pulse-Height Analysis	81.049	-12,977
DE-FC02-99ER54512	Fabricated: Reflectometer	81.049	11,128
DE-FC02-99ER54512	Fab Equipment/Lower Hybrid 2nd Launcher	81.049	20,616

Total for 81.049 **5,181**

Total for DOE - Chicago - Equipment **5,181**

DOE - Idaho Falls

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FG07-07ID14888	NERI: Risk-Informed Balancing of Safety, Nonproliferation, and Economics for th	81.121	193,799
DE-NE0000144	NEUP	81.121	-5,859
DE-NE0000308	Infrastructure Upgrade to the MITR Research Reacto	81.121	515,066
DE-NE0000460	Infrastructure Upgrade (Minor) to the MITR Research Reactor in Support of Oper	81.121	78,360

Total for 81.121 **781,366**

Total for DOE - Idaho Falls **781,366**

DOE - Office of ARPA-E

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-AR0000047	ARRA - Electroville: High-Amperage Energy Storage Device-Energy Storage for	81.135	3,333,354
DE-AR0000047	ARRA - Fabricated Equipment Image Station	81.135	3,257
DE-AR0000056	ARRA - Engineering Ralstonia eutropha for Production of Isobutanol (IBT) Motor	81.135	822,888
DE-AR0000059	ARRA - Subcontract - Harvard - 6922110	81.135	215,019

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-AR0000059	ARRA - Subcontract - U Delaware - 6922110	81.135	128,815
DE-AR0000059	ARRA - Bioprocess and Microbe Engineering For Total Carbon Utilization in Biofu	81.135	883,102
DE-AR0000059	ARRA - Fabricated Equipment - Pressure-Gas Bioreactor	81.135	1,736
DE-AR0000065	ARRA - Child - Belcher - 6922361	81.135	141,315
DE-AR0000065	ARRA - Semi-Solid Rechargeable Power Sources: Flexible, High Performance S	81.135	399,332
DE-AR0000065	ARRA - Child - Hammond - 6922361	81.135	109,072
DE-AR0000065	ARRA - Child - Carter - 6922361	81.135	143,982
DE-AR0000065	ARRA - Subcontract: Rutgers 6922361	81.135	214,668
DE-AR0000083	ARRA - Electrochemically mediated separation for carbon capture and mitigation	81.135	391,254
DE-AR0000123	ARRA - ARPA-E Dartmouth Sub	81.135	190,441
DE-AR0000123	ARRA - Advanced Technologies for Integrated Power Electronics, Project 20100	81.135	567,975
DE-AR0000123	ARRA - ARPA-E RA's	81.135	285,047
DE-AR0000123	ARRA - ARPA-E U Penn Sub	81.135	191,337
DE-AR0000123	ARRA - ARPA-E Other Personnel	81.135	165,834
DE-AR0000123	ARRA - ARPA-E Palacios	81.135	80,490
DE-AR0000123	ARRA - ARPA-E Perreault Child	81.135	59,011
DE-AR0000123	ARRA - ARPA-E Lang Child	81.135	19,638
DE-AR0000123	ARRA - ARPA-E del Alamo Child	81.135	10,388
DE-AR0000123	ARRA - Fabrication: Power Device Measurement Setup	81.135	5,171
DE-AR0000123	ARRA - ARPA-E Georgia Tech Sub	81.135	137,822
DE-AR0000180	Child: Nocera	81.135	101,784
DE-AR0000180	Hybrid nanostructures for high-energy-density solar thermal fuels	81.135	230,173
DE-AR0000180	Child: Slocum	81.135	20,749
DE-AR0000180	ARPA E TT&O expenses	81.135	14,199
DE-AR0000180	Child: Bulovic	81.135	63,205
DE-AR0000181	Metallic Composites Phase-Change Materials for High-Temperature Thermal En	81.135	38,540
DE-AR0000185	Advanced Thermo-Adsorptive Battery Climate Control System (ATB)	81.135	139,013
DE-AR0000185	ATB: pre-award costs	81.135	45,039
DE-AR0000185	ARPA-E ATB: Gang Chen child	81.135	37,436
DE-AR0000185	ARPA E TT&O expenses	81.135	3,210
DE-AR0000185	ARPA-E TT&O pre-award expenses	81.135	765
	Total for 81.135		**9,195,061**
	Total for DOE - Office of ARPA-E		**9,195,061**

DOE-Golden Colorado

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-EE0002743	ARRA - Recovery Act: Decision Analysis for Enhanced Geothermal Systems	81.087	249,754
DE-EE0005320	Scalable High-Efficiency Thin-Crystalline Si Cells Enabled by Light Trapping Nan	81.087	145,389
DE-EE0005329	Next-Generation Sulfide Materials: Optimizing CZTS and Developing SnS by Sys	81.087	114,779
DE-EE0005329	Fabricated Equipment - H2S Annealing Furnace	81.087	16,432
DE-EE0005329	Fabricated Equipment - Tin Sulfide Film Growth System	81.087	53,712
DE-FG36-08GO18007	All-Inorganic, Efficient Photovoltaic Solid State Devices Utilizing Semiconducting	81.087	111,638
DE-FG36-08GO18008	Thin, High Lifetime Silicon Wafers with No Sawing; Recrystallization in a Thin Fil	81.087	-47
DE-FG36-08GO18190	Detection and Characterization of Natural and Induced Fractures for the Develop	81.087	252,489
DE-FG36-08GO18197	Monitoring and Modeling Fluid Flowdown in Developing Enhanced Geothermal S	81.087	133,347
DE-FG36-09GO19001	Fabricated Equipment - High Temperature MSAS for Silicon Feedstock Materials	81.087	-19
DE-FG36-09GO19001	Defect Engineering, Cell Processing, and Modeling for High-Performance, Low-C	81.087	112,791
	Total for 81.087		**1,190,265**
	Total for DOE-Golden Colorado		**1,190,265**

DOE-NETL

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FE0002041	ARRA - Recovery Act: Modeling and Risk Assessment of CO2 Sequestration at t	81.133	82,066
DE-FE0002128	ARRA - Recovery Act: Monitoring Accounting and Verification Analysis of Microb	81.133	159,060
	Total for 81.133		**241,126**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FE0004271	Subcontract - Siemens - 6922747	81.089	219,031
DE-FE0004271	Integrated Electrochemical Processes for CO2 Capture and Conversion to Comn	81.089	297,166
DE-NT004117	Chemistry of SOFC Cathode Surfaces: Fundamental Investigation and Tailoring	81.089	222,611
	Total for 81.089		**738,808**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-EE0005444	High Compression Ratio Turbo Gasoline Engine Operation Using Alcohol Enhan	81.086	237,883
DE-EE0005445	Lubricant Formulations to Enhance Engine Efficiency in Modern Internal Combus	81.086	335,749
	Total for 81.086		**573,632**
	Total for DOE-NETL		**1,553,566**

DOE/NNSA/ALB

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-FG52-09NA29553	Fabricated Equipment Particle Accelerator	81.112	20,303
DE-FG52-09NA29553	Studying Fields and Matter in Head Plasmas	81.112	479,858
DE-NA0000877	Stipends for OLUG 2011	81.112	50,500
DE-NA0000877	Charged-particle probing of inertial-confinement -fusion implosions and high-ener	81.112	190,191
	Total for 81.112		**740,852**
	Total for DOE/NNSA/ALB		**740,852**

DOE/NNSA/Washington

Contract Number	Government Contract Title	CFDA#	FY Expenses
DE-AC52-08NA28539	A Unified Approach to Joint Regional and Teleseismic Calibration and Event Loc	81.113	157,968
	Total for 81.113		**157,968**
	Total for DOE/NNSA/Washington		**157,968**

Fermilab

Contract Number	Government Contract Title	CFDA#	FY Expenses
PO 599122	Professional Services of Arati Prakash for work at Fermilab on the MicroBooNE F	81.CCC	43,738
PO 602757	Construction and operation of the Fermilab Holometer	81.CCC	6,528
PO-580079	Coordination of Data Re-Processing in the Data Operations Team for the CMS E	81.CCC	5,328
PO-602735	CDF Monte Carlo Processing Facility at MIT (Network and Computing Support)	81.CCC	20,333
	Total for 81.CCC		**75,927**
	Total for Fermilab		**75,927**

Lawrence Livermore National Security, LLC

Contract Number	Government Contract Title	CFDA#	FY Expenses
B594466	Reactor Simulations Using the DRAGON code	81.CCC	15,533
NO B596165	Scalable High-Volume Micromanufacturing Techniques for Three-Dimensional M	81.CCC	151,559
NO B596300	Structurally robust materials with ultra-low thermal expansion via designed micro	81.CCC	96,090
SUBCONTRACT NO. B580243	Travel Supplement for High Density Implosions on OMEGA and the NIF	81.CCC	114,948
SUBCONTRACT NO. B580243	High Density Implosions on OMEGA and the NIF	81.CCC	231,591
SUBCONTRACT NO. B597367	Support of Nuclear Physics Experiments on the NIF and Omega Laser Facilities	81.CCC	143,131
	Total for 81.CCC		**752,852**
			752,852

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Total for Lawrence Livermore National Security, LLC

Total for Department of Energy **78,735,629**

Dept. of Health and Human Services

NIH

Contract Number	Government Contract Title	CFDA#	FY Expenses
1 S10 RR027895-01	800 MHz Low Temperature Magic Angle Spinning NMR Probe.	93.389	80,395
2-R01-RR015034-06	RESTRICTED FUNDS Fabricated Equipment: Phase 3A LTS/HTS NMR Magnet	93.389	-411,952
3-P41-RR02594-25S1	Fiber Optics Tweezers	93.389	7,576
3-P41-RR02594-25S1	MIT Laser Biomedical Research Center	93.389	794,207
5-R01-RR015034-09	Phase 3A of a 3-phase 1.3-GHz LTS/HTS NMR Magnet	93.389	303,459
5-T32-RR007036-24	Biomedical Research Training for Veterinary Scientists	93.389	301,190
	Total for 93.389		**1,074,875**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-GM100008-01	Structural Characterizations of Transient and Heterogeneous Protein Complexes	93.859	28,304
1-R01-GM081336-01A1	UPitt Subaward - 6918665	93.859	109,119
1-R01-GM085323-01A1	Subcontract - Tufts - 6919490	93.859	123,422
1-R01-GM085457-01	High Throughput Monitoring of Mass, Density and Fluorescence of Single Cells	93.859	3,603
1-R01-GM087465-01A2	Analysis of poly(ADP-ribose) function in the cytoplasmic stress response	93.859	191,783
1-R01-GM094303-01A1	Functional Consequences of Ribosome Heterogeneity	93.859	77,531
1-R01-GM095733-01	Probing the real-time kinetics and steady-state dynamics of gene expression	93.859	193,138
1-R01-GM097241-01A1	Inhibition of prokaryote-specific saccharide biosynthesis in microbial pathogens	93.859	47,003
1-R24-GM098650-01	Legacy Informatics Resources for Glycomics	93.859	428,977
1-T32-GM008334-23	Interdepartmental Biotechnology Training Program	93.859	738,046
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Manalis - P3	93.859	68,614
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Keating - P6	93.859	42,415
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - HMS Sub	93.859	690,816
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Yaffe - P7	93.859	36,066
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Han - P10	93.859	-7,871
2-P50-GM068762-08	Fabricated Equipment - SMR Readout and Fluidic Delivery System	93.859	7,420
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - MIT Education - Core 5	93.859	8,680
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - MIT Admin	93.859	41,278
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Griffith - P4	93.859	22,953

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Contract Number	Government Contract Title	CFDA#	FY Expenses
2-P50-GM068762-08	Fabricated Equipment - Readout and Fluidic Delivery System for SMR	93.859	22,904
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - Lauffenburger - P2	93.859	31,522
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - MIT Outreach - Core 6b	93.859	33,600
2-P50-GM068762-08	Systems Biology of Cell Decision Processes - NMSU Sub	93.859	34,353
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - NMSU Sub	93.859	42,110
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Yaffe - P7	93.859	119,459
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Griffith - P4	93.859	63,702
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - MIT Education - Core 5	93.859	91,417
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Han - P10	93.859	74,722
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Lauffenburger - P2	93.859	247,805
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Keating - P6	93.859	67,436
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - MIT Admin	93.859	48,573
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - HMS Sub	93.859	833,348
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Manalis - Core 1	93.859	39,582
2-P50-GM068762-09	Systems Biology of Cell Decision Processes - Manalis - P3	93.859	159,269
2-R01-GM039334-25A1	N-linked Protein Glycosylation: Pathways and Processes	93.859	100,362
2-R01-GM056800-17	Regulation of MITOSIS by Proteolysis in Yeast	93.859	152,493
2-R01-GM059426-13	Catalytic Stereoselective Olefin Metathesis Reactions	93.859	80,404
2-R56-GM017151-38	Structure and Function of Transfer Ribonucleic Acids	93.859	-113
2-T32-GM007287-36	Pre-Doctoral Grant in the Biological Sciences	93.859	-2,079
2-T32-GM007287-37	Pre-Doctoral Grant in the Biological Sciences	93.859	1,914,911
2-T32-GM08334-22	Interdepartmental Biotechnology Training Program	93.859	5,544
3-R01-GM046059-20S1	Catalytic Methods for Organic Synthesis	93.859	31,462
3-R01-GM046941-18S1	Supplement for Roymarie Ballester: Molecular Genetics of Intracellular Protein Tı	93.859	-377
3-R01-GM081393-04S1	Ribonucleotide Reductase Regulation: Diferric Y* assembly/maintenance and Sn	93.859	83,319
4-R00-GM089826-03	Investigating the Molecular and mechanical Regulation of Pulsed Actomyosin Co	93.859	339,583
5 R37 GM057073-14	Structure-Function Relationship of Glycosaminoglycans	93.859	410,388
5-R00-GM081399-04	Mechanisms and Regulation of Yeast Internal Ribosome Entry Sites	93.859	27,113
5-R00-GM085279-04	Cooperation and Conflict in Microbial Systems: Sucrose Metabolism in Yeast	93.859	137,412
5-R01-GM017151-39	Structure and Function of Transfer Ribonucleic Acids	93.859	749,873
5-R01-GM017980-40	Folding, Misfolding and Aggregation of Beta-Sheet and Delta-Helix Proteins	93.859	102,737
5-R01-GM024663-35	Genetic Analysis of Nematode Egg Laying	93.859	454,625
5-R01-GM028273-29	Pericyclic Reactions for Organic Synthesis	93.859	9,394
5-R01-GM029595-33	Ribonucleotide Reductase: Structure and Function	93.859	464,741
5-R01-GM031030-30	Molecular Genetics of Rhizobium Nodulation Plasmids	93.859	380,408
5-R01-GM031978-27	Controlled Catalytic Reduction of Dinitrogen at a Transition Metal Center	93.859	-1,262

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-GM032134-30	Nonheme Diiron Centers and the Biological Oxidation of Hydrocarbons	93.859	573,692
5-R01-GM034277-27	Regulation of MRNA Processing	93.859	890,013
5-R01-GM046059-20	Catalytic Methods for Organic Synthesis	93.859	782,213
5-R01-GM046941-20	Molecular Genetics of Intracellular Protein Transfer	93.859	613,590
5-R01-GM047274-19	Proton Coupled Electron Transfer in Biomimetic and Natural Systems	93.859	70,847
5-R01-GM049039-16	Vascular Drug Delivery	93.859	144,316
5-R01-GM049224-20	Protein Recognition for Remodeling and Degradation by Bacterial AAA+ ATPase	93.859	313,323
5-R01-GM050895-16	Cell-Cell Signaling, Gene Expression, and Horizontal Gene Transfer in Bacillus	93.859	387,439
5-R01-GM052339-17	Initiation of DNA Replication of Yeast Chromosomes	93.859	272,602
5-R01-GM056800-16	Regulation of MITOSIS by Proteolysis in Yeast	93.859	86,572
5-R01-GM056933-12	Molecular Genetics of Regulated Protein Delivery of the Plasma Membrane	93.859	-13,879
5-R01-GM057034-15REVISED	Asymmetric Nucleophillic Catalysis	93.859	495,700
5-R01-GM058160-14	Late Transition Metal Catalysts for Organic Synthesis	93.859	494,514
5-R01-GM058801-13	Cellular and Developmental Function of Mena	93.859	234,994
5-R01-GM059281-14	Neutrophil Priming in Trauma and Sepsis	93.859	258,275
5-R01-GM059426-12	Catalytic Enantioselective Olefin Metathesis Reactions	93.859	470,964
5-R01-GM062207-11	Regulation of the meiotic cell cycle	93.859	344,598
5-R01-GM063755-08S1	Convergent Synthesis via Asymmetric Catalysis	93.859	57,268
5-R01-GM063755-09	Convergent Synthesis via Asymmetric Catalysis	93.859	123,682
5-R01-GM063857-10	ELECTROPORATION MECHANISM, MICRODOSIMETRY AND INCREASINGL	93.859	261,511
5-R01-GM065418-08	Packing and Electrostatic Effects on Folding and Binding	93.859	249,328
5-R01-GM065519-11	Investigation of Zinc Neurochemistry by Fluorescent Sensing and MRI	93.859	406,187
5-R01-GM067681-09	Analysis and Design of Coiled Coil Partnering	93.859	312,511
5-R01-GM068678-08	Cytoskeletal Regulation During Growth Cone Migration and Axon Guidance	93.859	342,267
5-R01-GM068957-08	MAPK Signlaing in Single Yeast Cells: Dynamics, Variablility, and Evolution	93.859	-6,400
5-R01-GM069857-08	Complex Metallocluster Structure and Assembly	93.859	305,109
5-R01-GM072566-08	Synthetic strategies based on epoxide-coupling reactions	93.859	234,402
5-R01-GM072670-08	Site-specific protein labeling in cells with engineered LplA	93.859	150,150
5-R01-GM074820-05	Early Steps of Alkaloid Biosynthesis	93.859	9,421
5-R01-GM074825-07	Synthesis and Study of Complex Natural Products	93.859	381,328
5-R01-GM077537-05	High Resolution Assembly Structure of the Nuclear Pore Complex	93.859	139,363
5-R01-GM081336-04	Computational Modeling of Cell Migration in 3D Matrices	93.859	147,012
5-R01-GM081393-04 REVISED	Ribonucleotide Reductase Regulation: Diferric Y* assembly/maintenance and Sn	93.859	324,925
5-R01-GM081871-04	Structure-Based Prediction of the Interactome	93.859	189,279
5-R01-GM082209-04	Computational Design of Inhibitor Specificity	93.859	170,823
5-R01-GM082899-05	Cell Cycle Regluation in Caulobacter Crescentus	93.859	317,056

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-GM084181-04	Analysis and Design of Interaction Specifically in Proteins Regulating Apoptosis	93.859	272,594
5-R01-GM084477-05	Molecular Genetics of Innate Immunity in C. elegans	93.859	249,848
5-R01-GM085319-04	Identification and Function of Sequence-Specific Splicing Regulators	93.859	288,950
5-R01-GM085323-03	Subcontract - RPI - 6919490	93.859	139,905
5-R01-GM085323-03	Subcontract - SUNY - 6919490	93.859	125,557
5-R01-GM085323-04	Metabolic Engineering for Microbial Taxol Biosynthesis	93.859	269,888
5-R01-GM085457-02	High Throughput Monitoring of Mass, Density and Fluorescence of Single Cells	93.859	3,375
5-R01-GM085457-04	High Throughput Monitoring of Mass, Density and Fluorescence of Single Cells	93.859	38,158
5-R01-GM086214-04	Single-molecule imaging with super-resolution	93.859	475,525
5-R01-GM089732-03REVISED	Synthesis and Study of Dimeric Diketopiperazine Alkaloids	93.859	347,101
5-R01-GM089903-03	A Systems Biology Approach to Reveal Huntington's Disease Mechanisms	93.859	425,582
5-R01-GM090194-03	Cell-Based Sensors for Measuring Impact of Microsystems on Cell Physiology	93.859	369,275
5-R01-GM095765-03	Characterization of Gradient-Responsive Genetic Programs Using Light Sensors	93.859	477,273
5-R01-GM095843-02	Radicals and Polyradicals for Dynamic Nuclear Polarization	93.859	331,239
5-R37-GM041934-21	Cell Cycle and Sporulation in Bacillis Subtillis	93.859	598,157
5-R37-GM062871-11REVISED	Metal-Catalyzed Coupling Reactions	93.859	359,310
5-T32-GM007287-35	Pre-doctoral Grant in the Biological Sciences	93.859	-371,856
5-T32-GM007484-34	Integrative Neuronal Systems-Year 34	93.859	324
5-T32-GM007484-35	Integrative Neuronal Systems-Year 35	93.859	447,231
5-T32-GM081081-03	Chemistry/Biology Interface Training Program	93.859	17,732
5-T32-GM087237-03	Graduate Training in Computational and Systems Biology -Year-03	93.859	201,946
9-R01-GM101988-34	Sequence Determinants of Protein Structure and Stability	93.859	76,140
	Total for 93.859		**25,880,286**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-EB010071-01A1	Integrated Optical Coherence Tomography and Microscopy for Molecular Target	93.286	89,142
1-K99-EB013630-01	3D Microvascular Networks in Hydrogels Fabricated with Sacrificial Structures	93.286	61,582
1-R01-EB013231-01A1	Fabricated Equipment - 1.5T/75-mm RT Bore MAF Magnet System	93.286	1,526
1-R01-EB013231-01A1	A 1.5-T superconducting solenoid-dipole magnet for a magic-angle spinning field	93.286	336,588
1-R21-EB009180-02	Nanofluidic system for analysis of single biological molecules and particles	93.286	22,194
2-R01-EB000351-17A1	Child - Blankschtein - 6921819	93.286	55,516
2-R01-EB002804-23A1	500 MHz DNP Apparatus	93.286	48,769
2-R01-EB002804-23A1	Fabricated Equipment - 700MHz DNp Probe	93.286	26,203
2-R01-EB002804-23A1	Fabricated Equipment - Probes for 140 GHz DNP	93.286	5,066
2-R01-EB002804-23A1	Fabricated Equipment - 250 GHz Gyrotron Rebuild	93.286	2,436
2-R01-EB002887-04A2	Fabricated Equip: MgB2 Whole-Body MRI Magnet: Phase I	93.286	95,149

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Contract Number	Government Contract Title	CFDA#	FY Expenses
2-R01-EB003151-31	Fab E: P&P Probe	93.286	7,895
2-R01-EB004866-05A1	Fabricated Equip: High Frequency Gyrotron	93.286	42,058
2-R01-EB006365-06A2	Subcontract Case Western - 6915916	93.286	63,612
2-R01-EB006365-06A2	Child -Cima - 6915916	93.286	458,468
2-R01-EB006365-06A2	Subcontract Johns Hopkins - 6915916	93.286	80,200
2-T32-EB001680-06A2	Neuroimaging Training Program	93.286	14,830
5-P41-EB002026-36	Harvard/MIT Center for Magnetic Resonance	93.286	1,138,389
5-R01-EB000351-19	Expanding the Clinical Utility of Ultrasound-Assisted Transdermal Drug Delivery	93.286	373,172
5-R01-EB001659-07	Peter Szolovits - 6918054	93.286	357,581
5-R01-EB001659-07	George Verghese - 6918054	93.286	175,253
5-R01-EB001659-09	Integrating Data, Models, and Reasoning in Critical Care	93.286	827,572
5-R01-EB001960-35	Solid State NMR Studies of Membrane Proteins	93.286	483,352
5-R01-EB001965-07	Fabricated Equipment: A Gyrotron Amplifier Tube	93.286	59,243
5-R01-EB001965-09	High Power Millimeter Wave/Terahertz Sources for Magnetic Resource	93.286	466,473
5-R01-EB002804-24	High Field DNP and EPR in Biological Systems	93.286	537,071
5-R01-EB002887-06	MgB2 0.5-T/800-mm Whole-Body MRI Magnet: Phase I	93.286	614,540
5-R01-EB003151-34	Solid State NMR Studies of Peptides and Proteins	93.286	551,583
5-R01-EB003805-03	Child Griffith - 6898360	93.286	260
5-R01-EB003805-03	Child Zhang - 6898360	93.286	4,375
5-R01-EB003805-03	Child Grodzinsky - 6898360	93.286	113,357
5-R01-EB003805-05	Self-Assembling Peptides for Tissue Engineering	93.286	43,575
5-R01-EB004866-06	High Frequency Gyrotron for DNP/NMR Research	93.286	496,561
5-R01-EB006365-10	Microchip Drug Delivery System	93.286	502,932
5-R01-EB007278-04	Microscale Control of Stem Cell Signaling Using Cell Patterning and Perfusion	93.286	-16,958
5-R01-EB007942-04	Spiral Spectroscopic Human Neuroimaging	93.286	250,127
5-R21-EB008177-02	Continuous-flow, Ampholyte-free pI-based Sorting Peptides/proteins at Extreme	93.286	139,907
5-R21-EB008217-02	Mass Flow Cytometry	93.286	182,738
5-R21-EB008814-02	Barcoded Hydrogel Microparticles and Scanner for Multiplexed Biomolecule Assa	93.286	100,729
5-R21-EB008844-02	A new experimental platform to study biofilms: Microfluidic-DHM	93.286	-73,717
5-R37-EB000244-30	Controlled Release of Macromolecules	93.286	4,435
5-R37-EB000244-33	Controlled Release of Macromolecules	93.286	236,220
5-T32-EB001680-07	Neuroimaging Training Program	93.286	132,183
5-T32-EB006348-05	Molecular, Cell and Tissue Biomechanics Training Grant	93.286	70,262
	Total for 93.286		**9,182,449**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
1-P30-CA147882-01	ARRA - Koch Institute Faculty Recruitment for an MD/PHD Physician-Scientist	93.701	294,262
1-R01-EB006422-01A2	ARRA - Compact, Neon/Cryocooled NMR Magnets Assembled from Supercondu	93.701	344,572
1-R01-EB006422-01A2	ARRA - Fabricated Equipment: NMR-Class Annulus Magnet	93.701	34,382
1-R01-EB008082-01A2	ARRA - Dendritic Block Copolymer Micelles as New Targeted Drug Delivery Syst	93.701	-33,228
1-R01-EY019152-01A2	ARRA - Molecular and functional mechanisms underlying binocular vision	93.701	264,462
1-R01-EY019262-01	ARRA - Mechanisms for the Perception of Surfaces and Materials	93.701	222,060
1-R01-EY019262-01	ARRA - Fabricated Equipment Macro/Micro Photography Setup for Surface Geor	93.701	1,274
1-R01-HL086521-01A2	ARRA - Rational Design of a Cardiac Tissue Engineering Scaffold - Draper	93.701	15,448
1-R01-HL086521-01A2	ARRA - Rational Design of a Cardiac Tissue Engineering Scaffold - Penn	93.701	16,117
1-R01-HL086521-01A2	ARRA - Rational Design of a Cardiac Tissue Engineering Scaffold	93.701	13,716
1-R01-HL090856-01A1	ARRA - The Role of Glycocalyx in Mechanotransduction	93.701	69,704
1-R21-DK081783-01A1	ARRA - Intravesical Drug Delivery Device	93.701	37,665
1-R21-NS063185-01A2	ARRA - Structure-Based Ligand Design of Inhibitors that Prevent Tau Aggregatic	93.701	1,401
1-RC1-AG035711-01	ARRA - HDAC1 Activating Compounds as Therapeutics for Neurodegenerative D	93.701	155,924
1-RC1-AI086152-01	ARRA - Analytical microtools for discovering autoreactive lymphocytes	93.701	150,552
1-RC1-AI086152-01	ARRA - Subcontract - Yale U. - 6920565	93.701	96,894
1-RC1-AI086152-01	ARRA - Subcontract - DFCI - 6920565	93.701	85,580
1-RC1-DE020761-01	ARRA - Child - Anderson - 6921554	93.701	88,561
1-RC1-DE020761-01	ARRA - Child - Langer - 6921554	93.701	29,253
1-RC1-DE020761-01	ARRA - Human Pluripotent Stem Cell Differentiation with Defined O2 & Protein E	93.701	100,271
1-RC1-EB011187-01	ARRA - High throughput cell reprogramming by microfluidic jet injection	93.701	10,944
1-RC1-EB011187-01	ARRA - Child - Langer - 6920608	93.701	5,326
1-RC1-EB011187-01	ARRA - Fab Eq - Microfluidic Microinjector	93.701	833
1-RC1-EB011187-01	ARRA - Child - Daniel Anderson - 6920608	93.701	54,342
1-RC1-HG005334-01	ARRA - Integrative analysis of genomic and epigenomic datasets in multiple cell	93.701	520,878
1-RC1-MH088182-01	ARRA - Optogenetic control of attention through prefrontal synchrony	93.701	34,202
1-RC1-MH088182-01	ARRA - Optogenetic control of attention through prefrontal synchrony - E. Boyde	93.701	-64,815
1-RC1-MH088316-01	ARRA - The Functional Circuitry of Category Learning	93.701	369,676
1-RC1-MH088912-01	ARRA - Ubiquitous Games for Biology-Developing Understanding of Biology and	93.701	148,170
1-RC1-NS068103-01	ARRA - Applying a Multidimensional Algorithm for Motor Control	93.701	51,366
1-RC1-RR028241-01	ARRA - Entrainment-based mechanical ventilation - carry forward	93.701	20,927
1-RC1-RR028241-01	ARRA - Entrainment-based mechanical ventilation	93.701	119,447
1-RC1-RR028241-01	ARRA - Entrainment-based mechanical ventilation - MGH Subcontract	93.701	63,123
1-RC1-RR028302-01	ARRA - Integrating and Evaluating the Modeling Applied to Problem Solving Ped	93.701	75,715
1-RC2-DE020919-01	ARRA - Y2 MGH Brenner Subaward	93.701	215,303
1-RC2-DE020919-01	ARRA - Modulating Cortical and Sub-Cortical Brain Circuits in Chronic Facial Pai	93.701	2,364

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Contract Number	Government Contract Title	CFDA#	FY Expenses
1-RC2-DE020919-01	ARRA - Modulating Cortical and Sub-Cortical Brain Circuits in Chronic Facial Pai	93.701	-10
1-RC2-DE020919-01	ARRA - Modulating Cortical and Sub-Cortical Brain Circuits in Chronic Facial Pai	93.701	164,388
1-RC2-DE020919-01	ARRA - Y2 MGH Becerra Subaward	93.701	203,246
1-RC2-HG005624-01	ARRA - Year 2 Housman - Deep Sequencing Analysis of mRNA Isoform Express	93.701	81,632
1-RC2-HG005624-01	ARRA - Deep Sequencing Analysis of mRNA Isoform Expression Changes in My	93.701	451,390
1-RC2-HG005639-01	ARRA - A Data Analysis Center for integration of fly and worm modENCODE dat	93.701	47,707
1-RC2-HG005639-01	ARRA - A Data Analysis Center for integration of fly and worm modENCODE dat	93.701	877,999
1-RC2-HG005639-01	ARRA - A Data Analysis Center for integration of fly and worm modENCODE dat	93.701	-141
1-RC2-HL101721-01	ARRA - Characterization of Anticoagulant Heparin and Related Polysaccharides	93.701	231,485
1-RC2-HL101721-01	ARRA - Characterization of Anticoagulant Heparin and Related Polysaccharides	93.701	157,279
1-U01-AI082204-01	ARRA - Development of a Therapy for Smallpox, Vaccinia, and Monkeypox	93.701	559,482
2-R01-EB002804-21A1	ARRA - Fab E: 700 MHz DNP Apparatus	93.701	-196
2-R01-EB002804-21A1	ARRA - Fab E: 500 DNP Instrument	93.701	879
2-R01-EB002804-21A1	ARRA - High Field DNP in Biological Systems	93.701	-39,184
2-R01-EY016674-04A1	ARRA - Recovery Act - Florida International University Subaward	93.701	25,000
2-R01-EY016674-04A1	ARRA - Recovery Act - MEEI Subaward	93.701	46,658
2-R01-EY016674-04A1	ARRA - Fabricated equipment: Retinal Prosthesis	93.701	146,813
2-R01-EY016674-04A1	ARRA - Advanced Engineering Development of a Chronic Retinal Implant	93.701	88,734
2-R01-EY016674-04A1	ARRA - Recovery Act - University of Alabama Huntsville Subaward	93.701	73,914
2-R01-GM039334-23A1	ARRA - N-Linked Protein Glycosylation: Pathways and Processes	93.701	59,550
2-R01-HL067966-05A2	ARRA - Pontomedullary Integration of Respiratory Afferents	93.701	421,928
3-P01-CA042063-24S1	ARRA - Characterization of Pathways Controlling Cancer at the Level of Gene R	93.701	-18,623
3-P41-RR002594-24S1	ARRA - MIT Laser Biomedical Research Center	93.701	72,554
3-P50-GM068762-07S2	ARRA - Systems Biology of Cell Decision Processes	93.701	29,996
3-R00-GM081399-03S1	ARRA - Mechanism and Regulation of Yeast Internal Ribosome Entry Sites	93.701	45,394
3-R01-CA124427-04S1	ARRA - Engineering Multifunctional Nanoparticles	93.701	38,865
3-R01-DC007152-04S1	ARRA - Aids for the Deaf: Models of Speech Intelligiblity	93.701	17,229
3-R01-EB001659-07S1	ARRA - Integrating Data, Models, and Reasoning in Critical Care: Szolovitis	93.701	11,305
3-R01-ES015818-03S1	ARRA - Mechanism of Eukaryotic Environmental Mutagenesis	93.701	139,609
3-R01-ES016313-03S1	ARRA - The Environment as a Variable to Calibrate Mouse Models of Human Dis	93.701	13,110
3-R01-GM031030-27S1	ARRA - Molecular Genetics of Rhizobium Nodulation Plasmids	93.701	188,416
3-R01-GM049039-14S1	ARRA - Vascular Drug Delivery	93.701	28,631
3-R01-GM050895-14S1	ARRA - Cell-cell signaling, gene expression, and horizontal gene transfer in Baci	93.701	-1,415
3-R01-GM056800-14S1	ARRA - Regulation of mitosis by proteoysis in yeast	93.701	30,110
3-R01-GM057034-13S1	ARRA - Asymmetric Nucleophilic Catalysis	93.701	-8,624
3-R01-GM059281-12S1	ARRA - Neutrophil Priming in Trauma and Sepsis	93.701	37,935

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Contract Number	Government Contract Title	CFDA#	FY Expenses
3-R01-GM067681-07S1	ARRA - Analysis and Design of Coiled Coil Partnering	93.701	1,047
3-R01-GM068957-07S1	ARRA - MAPK Signaling in Single Yeast Cells: Dynamics, Variability, and Evoluti	93.701	12,019
3-R01-GM081871-02S1	ARRA - Structure-Based Prediction of the Interactome	93.701	30,341
3-R01-GM085323-02S1	ARRA - Metabolic Engineering for Microbial Taxol Biosynthesis	93.701	702
3-R01-GM085323-02S1	ARRA - Subcontract - RPI - 6922018	93.701	23,681
3-R01-GM085323-02S1	ARRA - Subcontract - SUNY - 6922018	93.701	29,176
3-R01-HG002439-08S1	ARRA - Computational and Experimental Analysis of Vertebrate RNA Splicing	93.701	-1,041
3-R01-HG002439-09S1	ARRA - Computational and Experimental Analysis of Vertebrate RNA Splicing	93.701	56,907
3-R01-HG004037-03S1	ARRA - Regulatory Morif Discovery in the Human Genome Using Comparative G	93.701	262,927
3-R01-MH065252-08S1	ARRA - Neural Basis of Categories	93.701	-121
3-R01-NS035145-13S1	ARRA - Integrative Functions of the Prefrontal Cortex	93.701	61,776
3-T32-GM081081-02S1	ARRA - Chemistry-Biology Interface Training Program	93.701	10,816
3-T32-GM087237-01S1	ARRA - Graduate Training in Computational and Systems Biology	93.701	9,555
7-RC1-MH088434-02	ARRA - OptoGenetic Mice for Cell Type-Specific Manipulation of Neuronal Activit	93.701	77,914
	Total for 93.701		**8,415,415**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R21-MH092564-01A1	Learned regulation of the limbic network via combined EEG and fMRI	93.242	11,841
2-R01-MH060379-11	Ensemble activity in rat corticostriatal circuits during habit learning	93.242	90,584
5-P50-MH058880-10	Proj. 2- Tonegawa	93.242	-25,096
5-P50-MH058880-10	Proj. 4- Bear	93.242	-262
5-R00-MH080310-05	Signaling Scaffold Of NMDA Receptor-Dependent Long-Term Plasticity	93.242	201,534
5-R01-MH047432-14	Competition Model of Attention and Memory	93.242	38,746
5-R01-MH060379-10	Ensemble Activity in Rat Striatum During Habit Learning	93.242	93,205
5-R01-MH061976-10	Hippocampal and Prefrontal Cortical Interactions in Rodent Memory Formation	93.242	397,684
5-R01-MH065252-10	Neural Basis of Categories	93.242	234,075
5-R01-MH067105-08	Performance Error Signals in Basal Ganglia-Forebrain Circuits of the Songbird	93.242	470,483
5-R01-MH078821-17	Molecular Genetic Approaches to Learning and Memory	93.242	-25,060
5-R01-MH080344-04	Development of Declarative Memory	93.242	431,150
5-R01-MH081201-05	Roles of SAPAP proteins in Synaptic Functions and Compusive-like Behavior	93.242	390,798
5-R01-MH084966-04	Opposing Effects of Chronic Stress on Amygdala and Hippocampus	93.242	237,426
5-R01-MH085802-03	Mechanisms and Therapeutics for Rett Syndrome	93.242	329,850
5-R01-MH091115-03	Chemical Genomic Approaches to Neurobiology of DISC1	93.242	1,146,054
5-R01-MH091174-02	Capacity Limitations in the Cortex	93.242	344,080
5-R01-MH091220-03	The Role of GABAergic Synaptic Plasticity in Neural Circuit Functions	93.242	477,915
5-R21-MH086944-02	Regulation and Function of Spontaneous Mini Release at Synapses	93.242	154,199

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R21-MH090452-02	Neurobiology of mouse models for human chr 16p11.2 microdeletion and fragile :	93.242	181,975
5-R37-MH087027-02	Cortical Circuits for Attention and Decisions	93.242	428,958
	Total for 93.242		**5,610,139**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-T90-DK070114-03	Graduate Training in Computational Systems Biology	93.847	-3,152
5-R01-DK087984-03	HRI-eIF2a Phosphorylation Signaling in Oxidative Stress and Erythropoiesis	93.847	293,075
5-R90-DK071503-04	Graduate Training in Computational Systems Biology	93.847	-18,849
5-R90-DK071503-05	Graduate Training in Computational Systems Biology	93.847	-9,137
5-T90-DK070114-04	Graduate Training in Computational Systems Biology	93.847	8,095
5-T90-DK070114-05	Graduate Training in Computational Systems Biology	93.847	-3,739
	Total for 93.847		**266,293**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-U54-CA163109-01	Impact of Cellular and Extracellular Host Components on Tumor Progression - Pı	93.397	197,293
1-U54-CA163109-01	Impact of Cellular and Extracellular Host Components on Tumor Progression - Aı	93.397	4,181
1-U54-CA163109-01	Impact of Cellular and Extracellular Host Components on Tumor Progression - Pı	93.397	98,336
1-U54-CA163109-01	Impact of Cellular and Extracellular Host Components on Tumor Progression - Pı	93.397	172,744
5-U54-CA112967-07	Mitogenesis Networks/Fraenkel	93.397	32,168
5-U54-CA112967-07	DNA Damage Networks/Lauffenburger	93.397	30,183
5-U54-CA112967-07	Bioinformatics & Modeling Core/Yaffe	93.397	19,888
5-U54-CA112967-07	Education	93.397	233,117
5-U54-CA112967-07	Bioinformatics & Modeling Core/Fraenkel	93.397	35,205
5-U54-CA112967-07	Bioinformatics & Modeling Core/Lauffenburger	93.397	157,634
5-U54-CA112967-07	Pilot Project	93.397	38,942
5-U54-CA112967-07	DNA Damage Networks/Samson	93.397	41,860
5-U54-CA112967-07	Migration Network/Hemann	93.397	8,696
5-U54-CA112967-07	Migration Network/Sharp	93.397	53,093
5-U54-CA112967-07	Bioinformatics & Modeling Core/Tidor	93.397	48,180
5-U54-CA112967-07	Mitogenesis Networks/Sorger	93.397	133,111
5-U54-CA112967-07	Mitogenesis Networks/White	93.397	113,691
5-U54-CA112967-07	Mitogenesis Networks/Lauffenburger	93.397	97,170
5-U54-CA112967-07	DNA Damage Networks/Yaffe	93.397	77,274
5-U54-CA112967-07	Migration Network/Gertler	93.397	139,771
5-U54-CA112967-07	Tumor Cell Network Center: Administration	93.397	62,396

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-U54-CA112967-07	Tumor Cell Network Center: Collaboration with Vanderbilt	93.397	59,690
5-U54-CA112967-07	DNA Damage Networks/Hemann	93.397	57,182
5-U54-CA112967-07	Migration Network/Hynes	93.397	55,232
5-U54-CA112967-07	Migration Network/Lauffenburger	93.397	76,549
5-U54-CA112967-08	Tumor Cell Network Center: Computational & Modeling Core/Tidor	93.397	25,067
5-U54-CA112967-08	Tumor Cell Network Center: DNA Damage Networks/Lauffenburger	93.397	16,997
5-U54-CA112967-08	Tumor Cell Network Center: Computational & Modeling Core/Lauffenburger	93.397	25,091
5-U54-CA112967-08	Tumor Cell Network Center: Migration Network/Lauffenburger	93.397	22,146
5-U54-CA112967-08	Tumor Cell Network Center: Mitogenesis Networks/Imperiali	93.397	24,398
5-U54-CA112967-08	Tumor Cell Network Center: DNA Damage Networks/Samson	93.397	26,613
5-U54-CA112967-08	Tumor Cell Network Center: DNA Damage Networks/Yaffe	93.397	36,485
5-U54-CA112967-08	Tumor Cell Network Center: Computational & Modeling Core/Fraenkel	93.397	31,393
5-U54-CA112967-08	Tumor Cell Network Center: Administration	93.397	54,188
5-U54-CA112967-08	Tumor Cell Network Center: Mitogenesis Networks/White	93.397	73,426
5-U54-CA112967-08	Tumor Cell Network Center: Migration Network/Gertler	93.397	83,386
5-U54-CA112967-08	Tumor Cell Network Center: DNA Damage Networks/Hemann	93.397	28,737
5-U54-CA112967-08	Tumor Cell Network Center: Mitogenesis Networks/Fraenkel	93.397	15,173
5-U54-CA112967-08	Tumor Cell Network Center: Education	93.397	77,255
5-U54-CA112967-08	Tumor Cell Network Center: Migration Network/Hemann	93.397	12,335
5-U54-CA112967-08	Tumor Cell Network Center: Pilot Project/Lauffenburger	93.397	1,252
5-U54-CA112967-08	Tumor Cell Network Center: Migration Network/Hynes	93.397	1,920
5-U54-CA112967-08	Tumor Cell Network Center: Mitogenesis Networks/Griffith	93.397	269
5-U54-CA112967-08	Tumor Cell Network Center: Migration Network/Sharp	93.397	5,790
5-U54-CA112967-08	Tumor Cell Network Center: Mitogenesis Networks/Lauffenburger	93.397	5,118
5-U54-CA112967-08	Tumor Cell Network Center: Computational & Modeling Core/ Yaffe	93.397	12,837
5-U54-CA126515-05	Tumor Stroma Interactions in the Tumor Environment - Project 4 - Whitehead	93.397	196,988
5-U54-CA126515-05	Tumor Stroma Interactions in the Tumor Environment - Administration	93.397	9,657
5-U54-CA126515-05	Tumor Stroma Interactions in the Tumor Microenvironment - Project 2 - T. Jacks	93.397	39,830
5-U54-CA126515-05	Tumor Stroma Interactions in the Tumor Environment - Project 3 - MGH	93.397	155,617
5-U54-CA126515-05	Tumor Stroma Interactions in the Tumor Microenvironment - Project 1 - R. Hynes	93.397	-4,027
5-U54-CA143874-02	Project 4/Mirny	93.397	31,332
5-U54-CA143874-02	Project 1/van Oudenaarden	93.397	9,779
5-U54-CA143874-02	Outreach & Dissemination	93.397	10,017
5-U54-CA143874-02	Using Tumor Genomic Diversity as a Prognostic Marker for Metastasis	93.397	11,179
5-U54-CA143874-02	Administration	93.397	11,186
5-U54-CA143874-02	Outreach Plan: MIT Physical Sciences and Oncology Center	93.397	8,979

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-U54-CA143874-02	Project 3/Kirschner	93.397	13,520
5-U54-CA143874-02	Trans-Network Projects - Mirny (Carryforward Account)	93.397	14,434
5-U54-CA143874-02	Project 4/Sherman	93.397	15,454
5-U54-CA143874-02	Trans-Network Projects - Moffit (Carryforward Account)	93.397	19,105
5-U54-CA143874-02	Project 3/Amon	93.397	24,474
5-U54-CA143874-02	Project 1/Jaenisch	93.397	32,939
5-U54-CA143874-02	Project 1/Jacks	93.397	24,784
5-U54-CA143874-02	Towards a Predictive Theory of Driver Mutations in Cancer	93.397	7,756
5-U54-CA143874-02	Project 2/Chakraboty	93.397	4,410
5-U54-CA143874-02	Singlemoirna Core	93.397	29,980
5-U54-CA143874-02	Project 1/Clevers	93.397	209,100
5-U54-CA143874-02	Project 3/Manalis	93.397	78,161
5-U54-CA143874-02	Education & Training	93.397	45,025
5-U54-CA143874-02	Project 3/FEA/Manalis	93.397	4,879
5-U54-CA143874-02	Project 4/Sunyaev	93.397	34,847
5-U54-CA143874-02	Probing Transcriptional Response as a Function of Spatial Organization of Signa	93.397	136
5-U54-CA143874-02	Cellweighing/Microfab Core	93.397	437
5-U54-CA143874-02	Fabricated Equipment - Readout & Fludic Delivery System for SMR	93.397	1,046
5-U54-CA143874-02	Pilot Project	93.397	41,181
5-U54-CA143874-02	Project 2/Roose	93.397	-1,069
5-U54-CA143874-02	Trans-Network Projects - Sherman (Carryforward Account)	93.397	31,933
5-U54-CA143874-03	Project 2 (Roose)	93.397	297,059
5-U54-CA143874-03	Project 4 (Mirny)	93.397	228,399
5-U54-CA143874-03	Outreach and Dissemination (Pilot)	93.397	60,925
5-U54-CA143874-03	Genotypic Determinants (Moffit)	93.397	59,355
5-U54-CA143874-03	Outreach Plan: Prime Project	93.397	41,887
5-U54-CA143874-03	Project 4 (Getz)	93.397	33,320
5-U54-CA143874-03	Administration	93.397	91,361
5-U54-CA143874-03	Chromatin Trans-Network Project / van Oudenaarden	93.397	6,635
5-U54-CA143874-03	Genotypic Determinants (Mirny)	93.397	6,559
5-U54-CA143874-03	Young Investigator (MIT/UCSF)	93.397	2,235
5-U54-CA143874-03	Young Investigator (DFCI/MIT)	93.397	1,925
5-U54-CA143874-03	CellWeighing/Microfab Core	93.397	70,864
5-U54-CA143874-03	Project 3 (Manalis)	93.397	310,681
5-U54-CA143874-03	Heterogeneity (Van Oudenaarden)	93.397	75,288
5-U54-CA143874-03	Project 3 (Amon)	93.397	84,842

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-U54-CA143874-03	Project 1 (Jacks)	93.397	217,227
5-U54-CA143874-03	Project 3 (Kirschner)	93.397	153,602
5-U54-CA143874-03	Education and Training	93.397	147,035
5-U54-CA143874-03	Project 1 (Van Oudenaarden)	93.397	142,776
5-U54-CA143874-03	Outreach and Dissemination	93.397	123,646
5-U54-CA143874-03	SingleMoIRNA	93.397	123,468
5-U54-CA143874-03	Pilot Project/Irvine	93.397	122,017
5-U54-CA143874-03	Project 1 (Jaenisch)	93.397	108,651
5-U54-CA143874-03	Pilot Project/Yaffe	93.397	104,980
5-U54-CA143874-03	Pilot Project (van Oudenaarden)	93.397	76,934
5-U54-CA143874-03	Project 2 (Chakraborty)	93.397	135,539
	Total for 93.397		**6,563,741**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R21-AI084032-01A1	Polz Child Account: High-resolution analysis of diversity and variation in the hum	93.855	111,774
1-R21-AI088590-01	Subcontract-Children's H-6921560	93.855	68,029
1-R21-AI100190-01	MMDx: A rapid multiplexed matrix code diagnostic for real time epidemiology	93.855	1,728
5-P01-AI071195-02	Project 2 - Chakraborty & Kardar	93.855	100,132
5-P01-AI071195-02	Project 2 - Wash U. Subcontract	93.855	78,674
5-P01-AI071195-02	Project 3-Visualizing, Quantifying, and Modeling of T Cell...	93.855	-3,955
5-P01-AI071195-02	Admin Core Chakraborty	93.855	24,445
5-P01-AI071195-02	Project 3-LANL Subcontract	93.855	30,040
5-P01-AI071195-02	Admin Core Wash U. Subcontract	93.855	854
5-P01-AI071195-02	Project 3-Chakraborty	93.855	15,483
5-P01-AI071195-02	Project 1 - Chakraborty	93.855	15,209
5-R01-AI016892-33	Bacterial Protein Tagging, Degradation and Ribosome Rescue	93.855	764,224
5-R01-AI069208-05	Development and Maintenance of Memory CD8 T Cells	93.855	234,620
5-R01-AI080621-04	Toxoplasma Strain-Specific Modulation of Mouse Immune Cells	93.855	383,110
5-R01-AI095109-02	Engineered lipid vesicles as potent vaccine vectors for HIV	93.855	453,795
5-R21-AI084032-02	High-resolution analysis of diversity and variation in the human microbiome	93.855	84,460
5-R21-AI088590-02	Analysis of Food Specific T cells by a Novel Microengraving Technology	93.855	140,475
5-R21-AI090121-02	Investigating Complex Glycans on Biological Surfaces	93.855	112,006
5-U01-AI074443-04	Bi-functional Polymer Attached Inhibitors of Influence Viruses	93.855	33,108
5-U01-AI074443-05	Bi-functional Polymer Attached Inhibitors of Influence Viruses	93.855	740,194
7-R01-AI067699-06	System Dynamics of the Salmonella Virulence Regulatory Network	93.855	95,002
	Total for 93.855		**3,483,407**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
2-P30-ES002109-31A1	YR 31 Pilot Project: Maheshri	93.113	41,762
2-P30-ES002109-31A1	YR 31 Pilot Project: Nolan	93.113	20,501
2-P30-ES002109-31A1	YR 31 Pilot Project: Gore	93.113	37,659
2-P30-ES002109-31A1	YR 31 - Translation PP: Alm	93.113	41,853
2-P30-ES002109-31A1	YR 31 Pilot Project: Ribbeck	93.113	44,404
2-P30-ES002109-31A1	Integrative Health Fac Core - YR 31	93.113	45,494
2-P30-ES002109-31A1	YR 31 Pilot Project: Erdman	93.113	58,394
2-P30-ES002109-31A1	COEC-YR 31	93.113	84,351
2-P30-ES002109-31A1	Genomics Fac Core - YR 31	93.113	156,364
2-P30-ES002109-31A1	Animal Models Fac Core - YR 31	93.113	172,043
2-P30-ES002109-31A1	Admin Core - YR 31	93.113	191,557
2-P30-ES002109-31A1	Bioanalytical Fac Core - YR 31	93.113	255,404
2-P30-ES002109-31A1	Pilot Project: Bathe	93.113	17,433
2-P30-ES002109-31A1	Global Program - Year 31	93.113	2,746
2-P30-ES002109-31A1	Director's Fund - YR31	93.113	15,751
2-R56-ES015818-05	Mechanism of Eukaryotic Environmental Multagenesis	93.113	107,125
3-U01-ES016045-04S1	Comet-Chip: A High-Throughput DNA Damage Sensor for Environmental Health	93.113	72,220
5-P30-ES002109-32	Genomics Fac Core-YR32	93.113	46,165
5-P30-ES002109-32	YR32: Pilot Proj Tomakoff	93.113	127
5-P30-ES002109-32	YR32: Pilot Proj Calvo	93.113	239
5-P30-ES002109-32	YR32: Transl Pilot Proj Dedon	93.113	2,450
5-P30-ES002109-32	CF Transl PP-Kun/Tannenbaum	93.113	3,771
5-P30-ES002109-32	YR32: Pilot Proj Wogan	93.113	4,356
5-P30-ES002109-32	CF PP-Erdman	93.113	5,406
5-P30-ES002109-32	Admin Core-YR32	93.113	103,851
5-P30-ES002109-32	CF PP-Nolan	93.113	13,940
5-P30-ES002109-32	COEC-YR32	93.113	25,243
5-P30-ES002109-32	Animal Models Fac Core-YR32	93.113	45,003
5-P30-ES002109-32	Bioanalytical Fac Core-YR32	93.113	76,079
5-P30-ES002109-32	Integrative Health Fac Core-Year 32	93.113	7,690
5-R01-ES015339-05	Protein Kinase Signaling and Cell Cycle Control	93.113	145,458
5-R01-ES015818-04	Mechanism of Eukaryotic Environmental Multagenesis	93.113	-2,645
5-R01-ES016313-04	The Environment as a Variable to Calibrate Mouse Models of Human Disease - T	93.113	111,750
5-R01-ES016313-04	The Environment as a Variable to Calibrate Mouse Models of Human Disease - V	93.113	158,613
5-R01-ES016313-05	The Environment as a Variable to Calibrate Mouse Models of Human Disease	93.113	388,972

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-ES016450-12	DNA Oxidation Products and Endogeneous DNA Adducts	93.113	309,982
5-R21-ES019498-02	CometChip: Enabling Translation of DNA Damage and Repair Assays	93.113	175,082
5-T32-ES007020-37	Training Grant in Environmental Toxicology	93.113	452,883
5-U01-ES016045-04	CF 6919727 / 6921345	93.113	59,526
5-U01-ES016045-04	Comet-Chip: A High-Throughput DNA Damage Sensor for Environmental Health	93.113	116,002
	Total for 93.113		**3,615,004**

Contract Number	Government Contract Title	CFDA#	FY Expenses
2-R01-AG011119-20	Function of SIRT1 in Growth and Reproduction	93.866	56,273
5-R01-AG015339-13	Function of Mammalian SIRT1 in Aging	93.866	372,798
5-R01-AG021150-09	Molecular Study of sir-2 Genes and Aging in C. elegans	93.866	-2,547
5-R01-AG029601-03	Research Supplement to Promote Diversity in Health Related Research for Rayn	93.866	1,031
5-R01-AG029601-05	Nanoscale Electrostatic Assemblies for Multi-Agent Drug Delivery from Orthoped	93.866	194,915
5-R37-AG011119-19	Cell Senescence in Saccharomyces Cerevisiae	93.866	173,559
	Total for 93.866		**796,029**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-HD057522-01	fMRI Investigations of the Functional Architecture of the Language System	93.865	518
1-P01-HD061315-01A1	UCLA Project 3	93.865	-1,751
1-P01-HD061315-01A1	Harvard Project 1	93.865	44,737
1-R01-HD067312-01	Using Cognitive Neuroscience to Predict Dyslexia among Kindergarden Children	93.865	73,271
5 P01 HD061315-03	Year 3 NIH Funding	93.865	57,432
5-P01-HD061315-02	Year 2 - Harvard Project 4	93.865	25,306
5-P01-HD061315-02	Year 2 - UCLAProject 3	93.865	228,133
5-P01-HD061315-02 REVISED	Year 2 NIH Funding	93.865	689,417
5-R01-HD045343-05	The Effect of Proximal and Distal Training on Stroke Recovery	93.865	-687
5-R01-HD046943-08	Mechanisms and Functions of FMRP in Neuronal Development	93.865	89,498
5-R01-HD067312-02	Using Cognitive Neuroscience to Predict Dyslexia among Kindergarden Children	93.865	665,151
5-R37-HD028341-20	Novel Second Messenger Signaling in the Striatum	93.865	480,232
7-R01-HD057606-09	Constraints on Phonological & Morphological Development	93.865	57,819
	Total for 93.865		**2,409,076**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R01-CA97966-03	BWH - Munger	93.394	2,211
1-R01-CA97966-03	Spectroscopic Imaging- BMC - Schust	93.394	30,356

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-CA034992-30	Chemistry and Biology of Platinum Anticancer Drugs	93.394	694,786
5-R01-CA124427-05	Engineering Multifunctional Nanoparticles	93.394	65,777
5-R01-CA140476-04	Nanoparticle-Mediated Support of Cancer Immunotherapy	93.394	424,139
5-R01-CA97966-05	Spectroscopic Imaging and Diagnosis of Neoplasia	93.394	-1,544
5-R21-CA137695-03	Developing a Single Cell Growth Monitor for Classifying Therapeutic Response	93.394	44,438
	Total for 93.394		**1,260,163**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-NS076364-01	Role of Arc in synaptic/experience-dependent plasticity in mouse visual cortex	93.853	76,531
1-R01-NS056140-01A2	Fabrication: Brain-Machine Interface for a Cortical Prosthetic	93.853	485
1-R01-NS056140-01A2	California Institute of Technology Subaward	93.853	56,469
1-R01-NS078839-01	The Epigenetics of Alzheimer's Disease	93.853	277,307
1-R21-NS079992-01	Cell Type-Specific Halorhodopsin Mice for Neuronal Silencin	93.853	8,419
5-K99-NS067062-02	Basal Ganglia-Thalamic Interactions in Behaving Songbirds During Learning	93.853	125,049
5-P01-NS055923-05	Transcriptional Regulation of Stem Cell Differentiation into Motor Neurons	93.853	798,272
5-R01-NS025529-23	Extrapyramidal Systems	93.853	367,427
5-R01-NS035145-15	Integrative Functions of Prefrontal Cortex	93.853	330,306
5-R01-NS040296-09	Characterization of the Drosophila Synaptotagmin Family	93.853	13,390
5-R01-NS040296-11	Characterization of the Drosophila Synaptotagmin Family	93.853	552,396
5-R01-NS043244-09	Drosophila as an Experimental Model for Epilepsy	93.853	357,922
5-R01-NS045130-07	Systematic Evaluation of Sensory Processing in Distinct Interneuron Types	93.853	89,892
5-R01-NS051320-04	Regenerative Healing Using ECM Based Scaffolds	93.853	-1,085
5-R01-NS051874-17	The Cdk5/p35 Kinase	93.853	324,245
5-R01-NS052203-05	Modeling Huntington's Disease in Drosophila	93.853	-360
5-R01-NS056140-03	Low Power Analog Electronics for an Implantable Cortical Prosthetic	93.853	255,553
5-R01-NS066352-04	High-Throughput Single-Cell-Resolution Genetic and Pharmacological Screens U	93.853	319,166
5-R01-NS075421-02	Genetically-Encoded Tools for Manipulation of Ion Channel and Receptor Functi	93.853	386,493
5-R21-NS075883-02	Structure-Function of the Nuclear Envelope Bridge and its Role in Laminopathies	93.853	523,551
	Total for 93.853		**4,861,428**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R01-HG006781-01	Development of technologies for genome-wide identification of RNA branch point	93.172	37,758
3-RC2-HG005639-02S1	A Data Analysis Center for integration of fly and worm modENCODE datasets	93.172	288,353
3-RC2-HG005639-02S1	Subawards Child Account	93.172	402,336
5-R01-HG002439-09	Computational and Experimental Analysis of Vertebrate RNA Splicing	93.172	64,616

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-HG002439-11	Regulation and Evolution of Alternative mRNA Isoform Expression in Mammals	93.172	288,339
5-R01-HG004037-05	Regulartory Motif Discovery in the Human Genome Using Comparative Genomic	93.172	178,465
5-T32-HG002295-07	Training Grant in Bioinformatics and Functional Genomics	93.172	-184
5-T32-HG002295-08	Training Grant in Bioinformatics and Integrative Genomics	93.172	85,131
5-T32-HG002295-09	Training Program in Bioinformatics and Integrative Genomics	93.172	602,598
5-T32-HG004947-02	MIT/Whitehead/Broad Computational Genetics Training Program	93.172	132,425
	Total for 93.172		**2,079,837**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-U54-CA151884-01	CCNE - Langer - Project 1	93.399	36,454
1-U54-CA151884-01	CCNE - Weissleder - Project 3	93.399	252,619
1-U54-CA151884-01	CCNE -Alliance Challenge Projects	93.399	45,752
1-U54-CA151884-01	CCNE - Cima - Project 4	93.399	40,569
1-U54-CA151884-01	CCNE - Farokhzad - Project 1	93.399	31,326
1-U54-CA151884-01	CCNE - Bhatia - Project 2	93.399	29,867
1-U54-CA151884-01	CCNE - Educational/Outreach	93.399	19,633
1-U54-CA151884-01	CCNE - Sharp - Prject 2	93.399	14,268
1-U54-CA151884-01	CCNE - Belcher - Project 5	93.399	14,098
1-U54-CA151884-01	CCNE - Administration	93.399	7,985
1-U54-CA151884-01	CCNE - Bawendi - Project 5	93.399	9,593
1-U54-CA151884-01	CCNE - Anderson - Project 2	93.399	6,121
5 U54 CA151884-02	CCNE - Bawendi - Project 5	93.399	157,802
5 U54 CA151884-02	CCNE - Cima - Project 4	93.399	204,500
5 U54 CA151884-02	CCNE - Langer - Project 1	93.399	259,910
5 U54 CA151884-02	CCNE - Farokhzad - Project 1	93.399	94,394
5 U54 CA151884-02	Pilot Project: Stephen Lippard	93.399	12,968
5 U54 CA151884-02	CCNE - Bhatia - Project 2	93.399	200,395
5 U54 CA151884-02	CCNE -Hammond Alliance Challenge	93.399	14,748
5 U54 CA151884-02	CCNE - Sharp - Prject 2	93.399	104,251
5 U54 CA151884-02	CCNE - Belcher - Project 5	93.399	154,834
5 U54 CA151884-02	CCNE - Educational/Outreach	93.399	63,958
5 U54 CA151884-02	CCNE - Administration	93.399	98,030
5 U54 CA151884-02	CCNE - Weissleder - Project 3	93.399	369,191
5 U54 CA151884-02	Pilot Project: Darrell Irvine	93.399	93,782
5 U54 CA151884-02	CCNE - Anderson - Project 2	93.399	49,192
5-R01-CA119402-04	Integrated System for Cancer Biomarker Detection with High Dynamic Range-J.	93.399	6,676

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-CA119402-05	Integrated System for Cancer Biomarker Detection with High Dynamic Range	93.399	10
5-U54 CA119349-05	CCNE - Carryforward funds (MGH)	93.399	37,659
5-U54 CA119349-05	CCNE - Lippard Mouse Project	93.399	78,065
5-U54 CA119349-05	CCNE - Belcher Project 5	93.399	6,000
5-U54 CA119349-05	CCNE - Langer Education	93.399	5,278
5-U54 CA119349-05	CCNE - Langer Project 1	93.399	124
5-U54 CA119349-05	CCNE - Housman Mouse core	93.399	54
5-U54 CA119349-05	CCNE Carryforward funds (MIT)	93.399	57,332
5-U54 CA119349-05	CCNE Carryforward funds (BWH)	93.399	14,224
	Total for 93.399		**2,591,662**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R01-EY02484-01A1	Oliva - Child Account	93.867	112,983
3-R01-EY020517-01S1	S1 - Project Prakash	93.867	82,450
5-P30-EY002621-33	Core - Vision Processes - Machine Shop	93.867	222,985
5-P30-EY002621-33	Core - Vision Processes	93.867	81,920
5-P30-EY002621-33	Core - Vision Processes - Electronics Shop	93.867	152,372
5-P30-EY002621-33	Core - Vision Processes - Imaging Core	93.867	173,398
5-R01-EY006039-28	Experiments on the Development of Neural Pathways	93.867	163,443
5-R01-EY007023-23	Cell-Specific Circuits in Visual Cortex	93.867	464,378
5-R01-EY011289-26	Novel Diagnostics With Optical Coherence Tomography	93.867	459,183
5-R01-EY011894-14	A Molecular Genetic Analysis of Cortical Plasticity	93.867	445,542
5-R01-EY012309-13	Experience Dependent Visual Cortical Development	93.867	9,467
5-R01-EY012848-10	Dynamic Basal Ganglia Saccade Networks	93.867	128,076
5-R01-EY013455-14	Feedback of Peripheral Visual Information to Foveal Cortex	93.867	192,268
5-R01-EY014074-18	Developmental Regulation of Glutamate Receptor Function	93.867	381,619
5-R01-EY014970-08	Construction of Invariant Shape Selectivity in the Ventral Visual Stream	93.867	323,305
5-R01-EY015834-05S2	Supplement: Human gammaD-crystallin Folding Misfolding and Fibril F	93.867	91,204
5-R01-EY015834-08	Compounds blocking crystallin aggregation in vitro; path to anti-cataract agents	93.867	326,309
5-R01-EY017098-05	Structural Correlates of Rapid Cortical Plasticity	93.867	392,208
5-R01-EY017292-05	Neural Response of Selective Visual Attention	93.867	49
5-R01-EY017292-07	Neural Mechanisms of Selective Attention	93.867	409,795
5-R01-EY017656-05	In vivo Imaging of Neuronal Plasticity in Mouse Visual Cortex	93.867	500,254
5-R01-EY017921-05	Neuronal Mechanisms Mediating Visual Search	93.867	355,133
5-R01-EY018648-05	Cortical Representation and Plasticity: Neurons and Astrocytes	93.867	93,542
5-R01-EY019271-02	Haptic Vitrual Environments to Enhance Navigation and Mobility of Blind People	93.867	295,911

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-EY020484-02	The gist of the space: A space centered approach to visual scene perception	93.867	211,799
5-R01-EY020517-02	Project Prakash: Development of Object Perception After Late Sight Onset	93.867	187,358
5-R21-EY019366-02	A Texture Analysis/Synthesis Model of Visual Crowding	93.867	101,980
5-R21-EY019741-02	Rapid Material Perception	93.867	131,281
5-T32-EY013935-10	Integrative Training Program in Vision - Year 10	93.867	63,572
	Total for 93.867		**6,553,784**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-T32-MH074249-04	Training Program in Neurobiology of Learning and Memory - Year 4	93.282	1,577
5-T32-MH082718-02	Developmental Cognitive Neuroscience	93.282	118
5-T32-MH082718-03	Developmental Cognitive Neurosciences	93.282	164,614
5-T32-MY074249-05	Training Program in the Neurobiology of Learning and Memory	93.282	164,026
	Total for 93.282		**330,335**

Contract Number	Government Contract Title	CFDA#	FY Expenses
2-P01-CA42063-26	Characterization of Pathways Controlling Cancer at the Level of Gene Regulatior	93.393	2,002
2-P01-CA42063-26	Characterization of Pathways Controlling Cancer at the Level of Gene Regulatior	93.393	4,826
2-P01-CA42063-26	Characterization of Pathways Controlling Cancer at the Level of Gene Regulatior	93.393	41,690
2-P01-CA42063-26	Characterization of Pathways Controlling Cancer at the Level of Gene Regulatior	93.393	128,985
5-P01-CA026731-33	No PPG Project 3 Essigmann	93.393	155,687
5-P01-CA026731-33	NO PPG Core 1 Parent	93.393	153,839
5-P01-CA026731-33	Project 2 Tannenbaum	93.393	165,655
5-P01-CA026731-33	No PPG Project 2 Dedon	93.393	233,591
5-P01-CA026731-33	NO PPG Project 4A - Fox	93.393	117,432
5-P01-CA026731-33	No PPG - Core 2 - Fox	93.393	187,547
5-P01-CA026731-33	NO PPG Project 4B - Engelward	93.393	66,175
5-P01-CA026731-33	No PPG - Project 1 - Deen	93.393	57,308
5-P01-CA026731-33	No PPG Project 3 Wogan	93.393	277,277
5-P01-CA026731-33	NO PPG Core 1 Wogan	93.393	42,016
5-P01-CA026731-33	NO PPG - Core 3 Admin	93.393	58,677
5-P01-CA026731-33	Endogenous Nitrite Carcinogenesis in Man	93.393	333,745
5-P01-CA42063-24	Pathways Controlling Cancer - Tyler Jacks	93.393	236,106
5-P01-CA42063-24	Pathways Controlling Cancer - J. Lees Lab	93.393	166,181
5-P01-CA42063-24	Pathways Controlling Cancer - Core	93.393	28,677
5-P01-CA42063-25	Characterization of Pathways Controlling Cancer - Prof. Sharp	93.393	279,701

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-CA055042-20	Eukaryotic DNA Alkylation Repair	93.393	272,850
5-R01-CA067529-14	Helicobacter Induced Hepatitis and Tumorigenesis	93.393	509
5-R01-CA075576-14	In Vivo Role of DNA Alkylation Repair	93.393	375,219
5-R01-CA079827-09	Mechanisms of Damage-Induced Homologous Recombination	93.393	98,387
5-R01-CA103146-10	Chemistry and Biology of Deoxyribose Oxidation in DNA	93.393	227,275
5-R01-CA108854-06	Role of ILIO and TGFBI in Colon Cancer	93.393	634,597
5-R01-CA116318-05	Genetic Toxicology of Purine Metabolism	93.393	33,611
5-R01-CA133404-05	Stress and Proliferation States Impact MicroRNA-Mediated Regulation in Cancer	93.393	612,964
5-R01-CA149261-03	The influence of DNA repair on inflammation associated carcinogenesis	93.393	365,601
5-R01CA021615-35	Mutagenesis and Repair of DNA	93.393	379,775
5-R37-CA080024-15	Intra and Extra-Chromosomal Probes for Mutagnesis by Carcinogens	93.393	449,555
	Total for 93.393		**6,187,460**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R21-CA159132-01A1	Synergistic innate immune activation and cell killing by RIG-I ligands in HCV-HC	93.395	23,425
2-P30-CA14051-40	Micro-Array Technology Facility	93.395	77,615
2-P30-CA14051-40	Flow Cytometry Facility	93.395	193,915
2-P30-CA14051-40	Shared Research Resources	93.395	209,179
2-P30-CA14051-40	Histology Core Facility	93.395	184,516
2-P30-CA14051-40	Glassware Preparation Facility	93.395	160,155
2-P30-CA14051-40	Developmental Funds Pilot Project	93.395	353,454
2-P30-CA14051-40	High End Mass Spec	93.395	8,649
2-P30-CA14051-40	Developmental Funds - Nano Core	93.395	10,293
2-P30-CA14051-40	Administration	93.395	302,404
2-P30-CA14051-40	Applied Theraopeutics & Whole Animal Imaging	93.395	271,310
2-P30-CA14051-40	ES Cell & Transgenics Core Facility	93.395	316,307
2-P30-CA14051-40	Bioplymers & Proteomics Core Facility	93.395	473,830
2-P30-CA14051-40	Developmental Funds (Core Facilities)	93.395	67,133
2-P30-CA14051-40	Senior Leadership	93.395	11,364
2-P30-CA14051-40	Developmental Funds - HTS	93.395	354,969
2-P30-CA14051-40	Microscopy Core Facility	93.395	139,676
2-P30-CA14051-40	Program Planning and Evaluation	93.395	90,663
2-P30-CA14051-40	Bioinformatics and Computing	93.395	561,240
2-P30-CA14051-40	Developmental Funds Pilot Project (T. Jacks)	93.395	120,515
2-R01-CA096504-06	MSKCC Subaward - 6915834	93.395	30,000
2-R01-CA096504-06	Child - White 6915834	93.395	44,820

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Contract Number	Government Contract Title	CFDA#	FY Expenses
2-R01-CA096504-06	UCB Subaward - 6915834	93.395	103,656
2-R01-CA096504-06	Lauff - Child - 6915834	93.395	136,838
2-R01-CA101830-05A1	Subcontract - Beth Israel - 6921920	93.395	26,741
5-P30-CA14051-41	Developmental Funds Pilot Project (Yaffe)	93.395	575
5-P30-CA14051-41	Bioinformatics and Computing	93.395	81,714
5-P30-CA14051-41	Developmental Funds Pilot Project (Jacks)	93.395	904
5-P30-CA14051-41	Developmental Funds (High End Mass Spec)	93.395	2,739
5-P30-CA14051-41	Developmental Funds Pilot Project (Belcher)	93.395	3,091
5-P30-CA14051-41	Administration	93.395	52,541
5-P30-CA14051-41	Micro-Array Technology Facility	93.395	12,627
5-P30-CA14051-41	Developmental Funds Pilot Project (Amon)	93.395	14,418
5-P30-CA14051-41	Microscopy Core Facility	93.395	15,201
5-P30-CA14051-41	Developmental Funds (Nano Core)	93.395	15,953
5-P30-CA14051-41	Developmental Funds Pilot Project (Guarente)	93.395	14,739
5-P30-CA14051-41	Histology Core Facility	93.395	27,723
5-P30-CA14051-41	Developmental Funds (HTS Core)	93.395	76,196
5-P30-CA14051-41	Glassware Preparation Facility	93.395	22,420
5-P30-CA14051-41	ES Cell & Transgenics Core Facility	93.395	48,031
5-P30-CA14051-41	Bioplymers & Proteomics Core Facility	93.395	54,915
5-P30-CA14051-41	Flow Cytometry Facility	93.395	31,736
5-P30-CA14051-41	Shared Research Resources	93.395	31,147
5-P30-CA14051-41	Applied Theraopeutics & Whole Animal Imaging	93.395	33,723
5-R01-CA075289-15	Optical Biopsy Using Coherence Tomography	93.395	324,717
5-R01-CA086061-10	Mechanistic Comparison of Cisplatin with Synthetic DNA Repair-Shielding Antica	93.395	37,471
5-R01-CA096504-10	Engineered Antibody EGFR Antagonist Cancer Therapeutics	93.395	191,697
5-R01-CA101830-07	Foundations of Pretargeted Radioimmunotherapy	93.395	251,743
5-R01-CA128803-05	Identifying Determinants of Chemotherapeutic Response In Vivo	93.395	208,289
5-R01-CA155320-02	MicroRNA Expression Profiling Circuits for Detection and Destruction of Cancer	93.395	367,988
	Total for 93.395		**6,194,965**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R21-CA133576-01A1	Development of a Fluorescence-Based Force Sensor Molecule	93.396	233,444
2-U01-CA084306-12	Integrative genomic characterization of lung cancer metastasis in mouse and hur	93.396	1,682
5-R01-CA106416-05	Using Zebrafish to Identify and Analyze Cancer Genes	93.396	15,178
5-R01-CA118705-05	Quantitative Analysis of Epidermal Growth Factor Receptor Signaling Networks	93.396	333,556
5-R01-CA118757-05	Dissecting E2f3's Role in Tumorigenesis	93.396	65,684

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-CA121921-14	E2F4 and RB in differentiation control and tumorigenesis	93.396	912
5-U01-CA084306-13	Integrative genomic characterization of lung cancer metastasis in mouse and hur	93.396	887,847
5-U01-CA084306-14	Integrative genomic characterization of lung cancer metastasis in mouse and hur	93.396	139,996
	Total for 93.396		**1,678,299**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R01-DC011339-01A1	Brain Bases of Language Deficits in SLI and ASD	93.173	387,932
1-R56-DC010849-01	Neuroanatomical and Behavioral Anomalies in Persistent Developmental Stutteri	93.173	34,018
2-R01-DC000238-27	Experimental - Theoretial Studies of Cochlear Mechanisms	93.173	159,449
5-R01-DC000117-32	Hearing Aid Research	93.173	124,965
5-R01-DC000238-26	Experimental-Theoretical Studies of Cochlear Mechanisms	93.173	82,453
5-R01-DC003007-15	Effects of Hearing Status on Audit Speech Production	93.173	361,541
5-R01-DC007152-05	Aids for the Deaf: Models of Speech Intelligibility	93.173	127,664
5-R01-DC009183-05	Neuronal Mechanisms of Motor Exploration in the Songbird	93.173	267,301
5-T32-DC000038-20	Training for Speech and Hearing Sciences	93.173	866,199
5-T32-DC00038-19	Training for Speech and Hearing Sciences	93.173	1,616
	Total for 93.173		**2,413,138**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R21-DK078442-02	HRI/eIF2aP Signaling Pathway as Potential Pharmaceutical Targets for Thalasse	93.849	2,748
	Total for 93.849		**2,748**

Contract Number	Government Contract Title	CFDA#	FY Expenses
7 R03 MH085679-02	Discovery of Lead Compounds whih Modulate Tumor Specific Pyruvate Kinase M	93.31	5,105
	Total for 93.31		**5,105**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-P01-HL066105-07	Molecular Analysis Core D	93.837	6,638
5-P01-HL066105-07	Molecular Analysis Core B	93.837	105,208
5-P01-HL066105-07	Molecular Analysis Core A	93.837	110,059
5-P01-HL066105-07	Molecular Analysis Project V	93.837	215,626
5-P01-HL066105-07	Molecular Analysis Project I	93.837	221,708
5-P01-HL066105-10	Molecular Analysis of Cardiovascular Biology and Pathology	93.837	304,408
5-R01-HL052212-18	Scavenger Receptors: Ligand Binding and Pathophysiology	93.837	261,074

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Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-HL079503-04	Nonlinear Analysis of Heart Rate Viability	93.837	10,059
5-R01-HL107503-02	Scalable Units for Building Vascularized Cardiac Graft	93.837	525,317
5-U01-HL091737-04	Enabling Population-Scale Physical Activity Measurement on Common Mobile Pl	93.837	408,641
	Total for 93.837		**2,168,738**

Contract Number	Government Contract Title	CFDA#	FY Expenses
3-R01-LM009723-02S1	Capturing Patient-Provider Encounter through Text Speech and Dialogue Proces	93.879	8,565
5-R01-LM009723-03	Capturing Patient-Provider Encounter through Text Speech and Dialogue Proces	93.879	174,949
	Total for 93.879		**183,514**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-DP1-OD008161-01	Generating Transplantable Neurons by in Vivo Combinatorial Screening of Trans	93.310	395,376
1-DP2-0D007124-01	Engineered Regulated RNA Localization and Transport in Biological Systems	93.310	607,910
1-DP2-OD002002-01	Director's New Innovator Award: Novel Tools and Principles for Precisely Contro	93.310	451,282
1-DP2-OD002114-01	Director's New Innovator Award: Genetically-Controlled MRI Contrast Agents for	93.310	188,746
1-DP2-OD002989-01	Fabrication: High Throughput Small Animal Screening	93.310	14,338
1-DP2-OD002989-01	Director's New Innovator Award: Development of On-Chip Ultra High-Throughput	93.310	410,905
1-DP2-OD007045-01	Antibacterial Peptides and Zinc in Innate Immunity and Mammalian Physiology	93.310	534,915
1-DP2-OD008435-01	Director's New Innovator Award: High-Throughput Nanoscale Approaches to Stu	93.310	363,960
1-R01-EB010246-01	Perfused 3D Tissue Surrogates for Complex Cell-Cell Communication Systems	93.310	207,853
1-R03-MH096549-01	Inhibition of Glycoprotein Biosynthesis in Gram-Negative Pathogens	93.310	10,884
5-DP1-OD003936-04	Stochastic Gene Expression in Differentiation and Development	93.310	929,236
5-DP1-OD003961-04REVISED	NIH Director's Pioneer Award	93.310	943,490
5-DP1-OD006422-03	Developing novel methods to measure DNA repair capacity in human populations	93.310	903,601
5-R01-EB010246-03	Perfused 3D Tissue Surrogates for Complex Cell-Cell Communication Systems	93.310	412,853
5-R01-GM096466-02	Very large datasets and new models to predict and design protein interactions	93.310	295,279
5-R01-NS073127-03	High-Throughput In Vivo Subcellular-Resolution Vertebrate Screening Platform	93.310	435,187
5-R01-NS076462-02	Noninvasive imaging-based electrophysiology using microelectronic devices	93.310	249,787
	Total for 93.310		**7,355,602**

Contract Number	Government Contract Title	CFDA#	FY Expenses
2-R56-DK052413-10A1	Helicobacter hepaticus: pathogenesis of inflammatory bowel disease	93.848	16,883
5-R01-DK056966-09	Role of Tissue Micro-Architecture on Hepatocyte Function	93.848	196,908
5-R01-DK075850-05	Elucidating Modulators of Hepatic Metabolism by Quantitative Flux Analysis	93.848	228,304
	Total for 93.848		**442.095**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-CA151968-01	Functional Characterization of Lung Adenocarcinoma Progression and Metastasi	93.390	25,668
5-DP1-OD001022-05REVISED	NIH Director's Pioneer Award	93.390	352,287
5-DP1OD001022-02	UCSF Subaward-6914429	93.390	22,930
	Total for 93.390		**400,885**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-AI037750-14	In Vivo Pathogenesis of Helicobacter Pylori	93.856	34,830
5-R37-AI015706-33	Sequence Determinants of Protein Structure and Stability	93.856	422,981
	Total for 93.856		**457,811**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-R01-DA029639-01	Fonstad Child	93.279	35,657
5-R01-DA028299-03	MRI Probes for Functional Imaging ofPlasticity Signals in the Brain	93.279	493,538
5-R01-DA029639-03	Novel Platforms for Systematic Optical Control of Complex Neural Circuits in Viv	93.279	346,742
5-R21-DA027742-03	Neural Mechanisms of Associative Learning from Negative Reward Prediction Er	93.279	82,978
	Total for 93.279		**958,915**

Contract Number	Government Contract Title	CFDA#	FY Expenses
2-R01-DE013023-11	Subcontract - MGH- - 6921553	93.121	52,580
5-R01-DE013023-13	Novel Polymers for Tissue Engineering	93.121	616,594
5-R01-DE016516-08	High Throughput Craniofacial Tissue Engineering	93.121	194,330
5-R01-DE019523-13	Bioengineering Polymers for Parsing Cell Responses	93.121	367,281
	Total for 93.121		**1,230,785**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-T32-OD010978-25	Biomedical Research Training for Veterinary Scientists	93.351	62,767
8-R01-OD011141-02	Diagnosis and Pathobiology of Emerging Enterohepatic Helicobacter spp. in Mic	93.351	269,581
	Total for 93.351		**332,348**

Contract Number	Government Contract Title	CFDA#	FY Expenses
9-P41-EB015871-26A1	MIT Laser Biomedical Research Center	93. 286	67,900
	Total for 93. 286		**67,900**

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	Total for 93.286		**67,900**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-K99-MH092715-02	Controlling Interareal Gamma Coherence by Optogenetics, Pharmacology and B	93.281	78,611
	Total for 93.281		**78,611**

Contract Number	Government Contract Title	CFDA#	FY Expenses
1-K99-CA158581-01A1	Establishing therapeutic efficacy and uncovering mechanisms of tumor suppressi	93.398	96,609
	Total for 93.398		**96,609**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-AR033236-26	Chondrocyte Response to Load: Transduction & Molec Mech	93.846	112,531
	Total for 93.846		**112,531**

Contract Number	Government Contract Title	CFDA#	FY Expenses
5-R01-HL093225-03	Cytoarchitecture of Central Respiratory Afferents Processing	93.838	389,885
	Total for 93.838		**389,885**

Contract Number	Government Contract Title	CFDA#	FY Expenses
3-RC1-HG005334-02S1	Integrative analysis of genomic and epigenomic datasets in multiple cell types	93.170	415,760
	Total for 93.170		**415,760**
	Total for NIH		**116,147,627**
	Total for Dept. of Health and Human Services		**116,147,627**

DOE/NNSA/ALB

Lawrence Livermore National Security, LLC

Contract Number	Government Contract Title	CFDA#	FY Expenses
B539681	Generation and Transport of Electron and Proton Beams in \Fast Ignition	81.CCC	-1,711
	Total for 81.CCC		**-1,711**
			-1,711

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Total for Lawrence Livermore National Security, LLC	**-1,711**
Total for DOE/NNSA/ALB	**-1,711**

Miscellaneous Federal Govt

Department of Homeland Security

Contract Number	Government Contract Title	CFDA#	FY Expenses
2009-ST-108-000006	Ocean Acoustic Hurricane Classification	97.108	6,684
	Total for 97.108		**6,684**

Contract Number	Government Contract Title	CFDA#	FY Expenses
HSHQDC-10-C-00210	Novel Thallium Haide Ionic Junction Radiation Detector	97.121	316,387
HSHQDC-11-C-00018	Computer Programming Tools in Schools	97.121	60,451
	Total for 97.121		**376,838**
	Total for Department of Homeland Security		**383,522**

National Endowment For The Humanities

Contract Number	Government Contract Title	CFDA#	FY Expenses
HJ-50085-12	ELVIS: Electronic Locator of Vertical Interval Successions	45.169	861
	Total for 45.169		**861**
	Total for National Endowment For The Humanities		**861**

National Institute of Justice

Contract Number	Government Contract Title	CFDA#	FY Expenses
2011-IJ-CX-K016	Fabricated Equipment - Mounted Vehicular Movement Detector	16.560	4,748
2011-IJ-CX-K016	Divert and Alert: Mitigating and Warning of Traffic Threats to Police Stopped Alor	16.560	154,807
	Total for 16.560		**159,555**
	Total for National Institute of Justice		**159,555**

U.S. Agency for International Development

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Contract Number	Government Contract Title	CFDA#	FY Expenses
AID-OAA-G-10-00002	Urban Resilience and Chronic Violence	98.001	150,039
	Total for 98.001		**150,039**
	Total for U.S. Agency for International Development		**150,039**

U.S. Department of Agriculture

Contract Number	Government Contract Title	CFDA#	FY Expenses
58-0111-9-001	Climate and Fuel Policy and Competing Demands for Land	10.001	6,986
	Total for 10.001		**6,986**
	Total for U.S. Department of Agriculture		**6,986**

U.S. Department of Commerce - NOAA

Contract Number	Government Contract Title	CFDA#	FY Expenses
NA07OAR4310126	A Climate Process Team on Southern Ocean Ventilation and Carbon Cycle	11.431	1,059
NA08OAR4310687	Collaborative Research: Towards a Better Understanding of the Relationship bet	11.431	-1,993
NA09OAR4310069	Modeling Ecological Regulation of the Ocean Carbon Cycle	11.431	113,945
NA09OAR4310165	A Collaborative Investigation of the Mechanisms, Predictability, and Climate Impa	11.431	366,225
NA10OAR4310106	Measurements of Semivolatile Organic Compounds, Intermediate-Volatility Orga	11.431	144,100
NA10OAR4310135	Sensitivity Patterns of Atlantic Meridional Overturning and related Climate Diagnc	11.431	85,347
NA11OAR4310092	Collaborative Research: Tropical Cyclone Tracks in Present and Future Climates	11.431	15,843
NA11OAR4310159	Fabricated Equipment: Resolving the Role of Contact Ice Nucleation on the Earth	11.431	65,367
NA11OAR4310159	Resolving the Role of Contact Ice Nucleation on the Earth's Climate System Usir	11.431	118,102
	Total for 11.431		**907,995**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NA06OAR4170019	Didemnum sp A as a Agent of Change: Proposal to Develop a Research Agenda	11.417	72
NA06OAR4170019	Biomimetic Optimal Force Generation for Underwater Manipulators	11.417	1,253
NA06OAR4170019	Parent Account: Sea Grant College Program	11.417	20,862
NA06OAR4170019	An Assessment of the Tidal Kinetic Energy Resource of The Massachusetts Coa	11.417	13,063
NA06OAR4170019	Assimilation and Optimal Observing System Design Experiments in Massachuse	11.417	35,233
NA10OAR4170086	Three-Dimensional Imaging for In Site Sensing and Flow Velocimetry	11.417	44,019
NA10OAR4170086	Asessing the Distribution, Spreading Rate, and In Site Growth of Didemnum Vex	11.417	43,099
NA10OAR4170086	Autonomous Vehicle Exploration and Sampling of Deep Water Corals	11.417	35,179
NA10OAR4170086	Assessing the Bioactivity of Estrogens, Including Halogenated Derivatives, in Chl	11.417	18,658

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NA10OAR4170086	Enabling high and low molecular wieght AUV based chemical analysis: complem	11.417	46,235
NA10OAR4170086	Combating Nitrogen-Driven Coastal Eutrophication: A Selective Ion Array Approa	11.417	16,766
NA10OAR4170086	Fabricated Equipment - Model Seal Whisker Experiment Apparatus II	11.417	22,188
NA10OAR4170086	Development of Real-time Instrumentation for the Robotic Detection of Paralytic S	11.417	47,881
NA10OAR4170086	Improving Understandings of Consequences, Vulnerabilities, and Adaptation Stra	11.417	66,295
NA10OAR4170086	MIT Sea Grant: Undergraduate Research Opportunities Program (UROP)	11.417	14,252
NA10OAR4170086	Acoustic Communication Networks for Distributed Autonomous Underwater Platf	11.417	74,696
NA10OAR4170086	Touch-at-a-Distance: Pressure Microsensor Arrays for AUV Navigation	11.417	75,256
NA10OAR4170086	Development and Validation of the Water Quality Model System for Massachuset	11.417	82,943
NA10OAR4170086	Interdisciplinary Science Outreach Proposal	11.417	85,134
NA10OAR4170086	Education Program	11.417	100,510
NA10OAR4170086	Communications	11.417	137,611
NA10OAR4170086	An Assessment of the Tidal Kinetic Energy Resource off the Massachusetts Coas	11.417	62,056
NA10OAR4170086	Using Technology to Assess the Invasive Sea Squirt, Didemnum Vexillum, Impac	11.417	12,561
NA10OAR4170086	Innovative Uses for a Power Plant's Thermal Discharge: Destratifying the Charles	11.417	9,605
NA10OAR4170086	Coastal Resources Focus Area	11.417	148,988
NA10OAR4170086	Marine Social Sciences	11.417	110
NA10OAR4170086	Sea Grant Program Development Opportunities	11.417	126
NA10OAR4170086	Fabricated Equipment - Ion-Selective Electrode Multi-Probe	11.417	190
NA10OAR4170086	Ship time MIT SeaGrant	11.417	464
NA10OAR4170086	Water Quality and Marine Ecosystem Monitoring for Teachers: E/E-71-PD	11.417	902
NA10OAR4170086	Incorporation of a Compact Digital Holographic Plankton Camera into Gliders and	11.417	930
NA10OAR4170086	Coastal Community Development Project: Demonstration Project on Algal Biofue	11.417	1,012
NA10OAR4170086	Development of a Scientific Management Framework to Support the Ecosystem-I	11.417	12,161
NA10OAR4170086	A Coupled Biogeochemical-Genomic Approach to Answer - Have We Underestin	11.417	1,085
NA10OAR4170086	Wireless Underwater Video Transmission	11.417	3,278
NA10OAR4170086	Fabricated Equipment - Multi-Channel Time-Resolved Laser Induced Flourescen	11.417	3,541
NA10OAR4170086	Energy Efficient AUV Using a Lateral Line Sensor	11.417	4,995
NA10OAR4170086	DeepFSL - a low cost bimodal observation system for deep sea ecosystem resea	11.417	7,137
NA10OAR4170086	Consortium for Ocean Sensing in the Nearshore Environment	11.417	7,155
NA10OAR4170086	Publications	11.417	7,820
NA10OAR4170086	Assessment of Salt Marsh Buffering Capacity and Vulnerability to Climate-Relate	11.417	8,746
NA10OAR4170086	Parent Account: Sea Grant College Program	11.417	2,330
NA10OAR4170086	Sea Grant Program Management	11.417	363,832
	Total for 11.417		**1,640,229**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NA10NMF4270208	Socioeconomic Impacts of Herring Fishery Management in the Northeast: Lookin	11.427	90,693
	Total for 11.427		**90,693**
	Total for U.S. Department of Commerce - NOAA		**2,638,917**

U.S. Department of Commerce-NIST (Natl Inst of Stand & Tech)

Contract Number	Government Contract Title	CFDA#	FY Expenses
60NANB10D014N	ARRA - The Science of Concrete with Fly Ash: Fundamental Models that Enable	11.609	384,796
60NANB10D039	ARRA - MIT Future of the Electric Grid Study (ARRA)	11.609	-74
	Total for 11.609		**384,722**
	Total for U.S. Department of Commerce-NIST (Natl Inst of Stand & Tech)		**384,722**

U.S. Department of Education

Contract Number	Government Contract Title	CFDA#	FY Expenses
ED-OSE-10-C-0067	Web Accessibility Initiative (WAI) Core	84.CCC	514,931
	Total for 84.CCC		**514,931**
	Total for U.S. Department of Education		**514,931**

U.S. Department of Interior-Fort Huachuca

Contract Number	Government Contract Title	CFDA#	FY Expenses
D11PC75421	OCS NETI Project on Co-Fabricated, Miniaturized, Integrated Control and Actuat	12.CCC	6,443
N10PC20125	Spatially- and Temporally- Resolved Electron Emitters for Radiation Imaging & E	12.CCC	317,341
	Total for 12.CCC		**323,784**

Contract Number	Government Contract Title	CFDA#	FY Expenses
D11AP00250	Perceptual Priming for Language Learning	12.910	146,700
D12AF00018	Jumpstarting and Focusing the N2 Program via a Deeply-Annotated Corpus of N	12.910	161,793
	Total for 12.910		**308,493**
	Total for U.S. Department of Interior-Fort Huachuca		**632,277**

U.S. Department of Transportation TSC

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DTRT57-07-D-30006	Human Factors Recommendations for the Design of Instrument procedures and	20.CCC	73,213
DTRT57-07-D-30006 TASK ORDER 5	CO2 Emission Metrics for Commercial Aircraft Certification and Fleet Performanc	20.CCC	65,396
DTRT57-10-C-10015	Assessing Metrics and Simplified Aviation Climate Impact Models	20.CCC	338,854
	Total for 20.CCC		**477,463**
	Total for U.S. Department of Transportation TSC		**477,463**

U.S. Department.of Transportation

Contract Number	Government Contract Title	CFDA#	FY Expenses
DTRT07-G-0001	UTC22: UMaine - Graduates Fellowship	20.701	-11,160
DTRT07-G-0001	Capturing well being in activity pattern models with activity-based travel demand	20.701	42,673
DTRT07-G-0001	Reimer - Individual Differences in Peripheral Physiology & Implications for the Re	20.701	41,800
DTRT07-G-0001	UTC 23: Harvard-Research, Education & Fellowships	20.701	40,942
DTRT07-G-0001	Transportation Strategy Development Under Economic Uncertainty	20.701	39,249
DTRT07-G-0001	Teaching Transportation Systems Thinking Concepts to Undergraduates	20.701	34,791
DTRT07-G-0001	Alternative Transportation Option, Well-Being and Livable Communities	20.701	49,912
DTRT07-G-0001	UTC21 - Technology Transfer	20.701	32,509
DTRT07-G-0001	UTC22 - Fellowships	20.701	31,797
DTRT07-G-0001	UTC21 - UMass Amherst - Research, Education and Fellowships	20.701	27,849
DTRT07-G-0001	D'Ambrosio - Planning for the Future: The Role of Mobility in Residential and Life	20.701	26,411
DTRT07-G-0001	UTC 23: UNH-Research & Fellowships	20.701	24,561
DTRT07-G-0001	UTC 20: Harvard-Research and Education	20.701	24,500
DTRT07-G-0001	AGNES & Livable Communities	20.701	32,133
DTRT07-G-0001	UTC21 - UConn - Research and Fellowships	20.701	50,062
DTRT07-G-0001	Reimer - Individual Differences in Driver Physiology and Drive State	20.701	50,304
DTRT07-G-0001	UTC21 - Fellowships	20.701	52,983
DTRT07-G-0001	UTC 23: Program Management	20.701	140,204
DTRT07-G-0001	UTC22 - Harvard Research & Education	20.701	134,310
DTRT07-G-0001	UTC22 - Program Management	20.701	108,303
DTRT07-G-0001	UTC22 - Technology Transfer	20.701	90,932
DTRT07-G-0001	UTC 23: URI-Research & Fellowships	20.701	78,047
DTRT07-G-0001	UTC22 - UMass Amherst - Research & Fellowship	20.701	69,147
DTRT07-G-0001	MIT Employee Commuter Behavior Using Real-Time Mobile Technology	20.701	58,986
DTRT07-G-0001	UTC 23: UMaine-Research	20.701	57,302
DTRT07-G-0001	UTC 23: Technology Transfer	20.701	56,440
DTRT07-G-0001	D'Ambrosio-Keeping Fit and Fit to Drive	20.701	55,314

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DTRT07-G-0001	Mehler - Driver Reaction to New Vehicle Technologies	20.701	54,852
DTRT07-G-0001	Measuring and Modeling Travel Being in a Dynamic Context	20.701	54,612
DTRT07-G-0001	Disruptive Technologies, Strategy and MBTA	20.701	53,034
DTRT07-G-0001	Environmental and Economic Impacts of Alternative Transportation Technologies	20.701	22,480
DTRT07-G-0001	UTC 23: UMassAmherst-Research	20.701	169,462
DTRT07-G-0001	A Multimodal Approach to Meeting Older Adult Transportation Needs	20.701	21,904
DTRT07-G-0001	UTC 23: UVM -Research	20.701	19,685
DTRT07-G-0001	Development of an Older Empathy System to Assess Transit and Livability	20.701	4,810
DTRT07-G-0001	Assessing the Transportation Readiness of an Aging America	20.701	3,863
DTRT07-G-0001	UTC22: UNH - Graduate Fellowships	20.701	2,627
DTRT07-G-0001	UTC - Harvard Education and Fellowships	20.701	1,178
DTRT07-G-0001	Reimer-Age-Related Changes in Cognitive Response Style in the Driving Task	20.701	1,117
DTRT07-G-0001	UTC22: URI - Research & Fellowships	20.701	5,308
DTRT07-G-0001	UTC 20: Fellowships	20.701	1,070
DTRT07-G-0001	UTC21 - URI - Graduate Fellowships	20.701	594
DTRT07-G-0001	Mehler - Assessing Methods of Enhancing Older Driver Performance	20.701	357
DTRT07-G-0001	D'Ambrosio - Role of Rehabilitation in Extending the Driving Lifetimes and Enhan	20.701	294
DTRT07-G-0001	UTC 20: UNH-Research	20.701	201
DTRT07-G-0001	Reimer-Assessing the Impact of Age on Cognitively Induced Visual Tunneling	20.701	-1,784
DTRT07-G-0001	Modeling Cooperative Driving Behavior in Freeway Merges	20.701	682
DTRT07-G-0001	UTC22 - UConn - Research & Fellowships	20.701	5,886
DTRT07-G-0001	UTC21 - UMaine - Research, Education and Fellowships	20.701	6,305
DTRT07-G-0001	UTC 20: UMass Amherst-Research and Fellowships	20.701	8,491
DTRT07-G-0001	A Study of Speech Interfaces for This Vehicle Environment	20.701	19,680
DTRT07-G-0001	UTC 20: Technology Transfer	20.701	19,202
DTRT07-G-0001	UTC21 - Program Management	20.701	17,983
DTRT07-G-0001	Linking Mileage to Auto Accident Risk and Urban Form	20.701	16,538
DTRT07-G-0001	UTC 20: UVM-Research and Fellowships	20.701	16,179
DTRT07-G-0001	Travel Behavior of Aging Boomers: Evidences from Age Restricted Communities	20.701	15,489
DTRT07-G-0001	Caregiver Information Search Behavior for Alternative Transportation	20.701	14,817
DTRT07-G-0001	Tracking Older Adult Travel Behavior Using Smartphones	20.701	13,238
DTRT07-G-0001	UTC - UVM Graduate Fellowships	20.701	12,960
DTRT07-G-0001	Evaluation of a Natural Speech Based Informational Inquiry System as a Potentia	20.701	12,298
DTRT07-G-0001	New Data for Relating Land Use and Urban Form to Private Passenger Vehicle M	20.701	9,808
DTRT07-G-0001	D'Ambrosio-Caregiving and Travel Patterns	20.701	9,136
DTRT07-G-0001	UTC22: UVM - Graduate Fellowships	20.701	9,120

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DTRT07-G-0001	Data Use and Organizational Innovations in Transportation Planning	20.701	19,970
DTRT07-G-0001	UTC 23: UConn-Research & Fellowships	20.701	226,007
	Total for 20.701		**2,309,754**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DTRT57-07-C-10002	Library Services for DOT	20.CCC	27,086
DTRT57-07-D-30006	Human Factors Research in Support of NHTSA Rule Making on Keyless Ignition	20.CCC	96,954
DTRT57-12-C-10029	Library Services for DOT	20.CCC	6,780
	Total for 20.CCC		**130,820**
	Total for U.S. Department.of Transportation		**2,440,574**

U.S. DOT-Federal Railroad Administration

Contract Number	Government Contract Title	CFDA#	FY Expenses
DTFR53-11-C-00016	Development and Evaluation of a High Speed Rail Scheduling and HUD Display	20.CCC	76,845
	Total for 20.CCC		**76,845**
	Total for U.S. DOT-Federal Railroad Administration		**76,845**

U.S. Environmental Protection Agency

Contract Number	Government Contract Title	CFDA#	FY Expenses
XA-83240101	Dynamic Modeling of Emissions from Land Use Activities	66.034	-397
XA-83344601-3	Integrated Assessment of Multiple Greenhouse Gases, Climate Impacts, and Pol	66.034	20,000
XA-83505101-0	Transportation - Related Policies and Economy - Wide Impacts	66.034	105,279
XA-83600001-1	Integrated Assessment of Greenhouse Gases	66.034	334,633
	Total for 66.034		**459,515**

Contract Number	Government Contract Title	CFDA#	FY Expenses
RD 83456001	Emissions of Gas-phase LVOCs from Mobile Sources	66.516	60,036
	Total for 66.516		**60,036**

Contract Number	Government Contract Title	CFDA#	FY Expenses
RD-83427901-0	Air Pollution, Health and Economic Impacts of Global Change Policy and Future	66.509	227,205
	Total for 66.509		**227.205**

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	Total for U.S. Environmental Protection Agency		**746,756**

U.S. Geological Survey

Contract Number	Government Contract Title	CFDA#	FY Expenses
G12AP20032	Contemporary strain rates across the Yakima fold-thrust belt estimated with GPS	15.807	3,771
	Total for 15.807		**3,771**

Contract Number	Government Contract Title	CFDA#	FY Expenses
G09AC00330	MIT USGS Science Impact Collaboration	15.808	7,880
	Total for 15.808		**7,880**
	Total for U.S. Geological Survey		**11,651**

U.S. Library of Congress

Contract Number	Government Contract Title	CFDA#	FY Expenses
LCOSI10R0072 - LIB. OF CONGRESS	Exhibit 2.0	42.CCC	305,304
QA-LCOSI10C0121	Exhibit 2.0 - RA Costs	42.CCC	47,890
	Total for 42.CCC		**353,194**
	Total for U.S. Library of Congress		**353,194**

U.S. Miscellaneous Agencies

Contract Number	Government Contract Title	CFDA#	FY Expenses
CONTRACT #2008*1260924*000	CISR Multi-Sponsored Consortium	12.000	29,850
	Total for 12.000		**29,850**
	Total for U.S. Miscellaneous Agencies		**29,850**

U.S. Nuclear Regulatory Commission

Contract Number	Government Contract Title	CFDA#	FY Expenses
NRC-04-09-151	Automation and HSI Complexity in Advance Reactors	77.CCC	259,825
NRC-38-09-893	The Impact of Human Activities on Radiation in the Environment and Exposure o	77.CCC	2,944
NRC-HQ-11-6-04-0060	Evaluating the Safety of Digital Instrumentation and Control	77.CCC	67,033
	Total for 77.CCC		**329,802**

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Total for U.S. Nuclear Regulatory Commission **329,802**

United States Institute of Peace

Contract Number	Government Contract Title	CFDA#	FY Expenses
USIP-077-07F	The Sources of Chinese Miltary Doctrine 1975-2005	91.001	1,635
	Total for 91.001		**1,635**
	Total for United States Institute of Peace		**1,635**

US DOT - Federal Aviation Administration

Contract Number	Government Contract Title	CFDA#	FY Expenses
03-C-NE-MIT-011	Environmental Design Space	20.109	1,037
06-C-NE-MIT	ECBA OF ALTERNATIVE JET FUELS (P28)	20.109	3,210
06-C-NE-MIT	Economic and Environmental Effects of the Introduction of a Cap and Trade Poli	20.109	8,248
06-C-NE-MIT	ECBA OF ULTRA LOW SULFUR JET FUELS (P27)	20.109	21,033
06-C-NE-MIT	Use of Near-Term Operational Changes to Mitrigate Environmental Impacts of A	20.109	29,764
09-C-NE-MIT	Alternative Jet Fuels DLA energy Analysis	20.109	255,313
09-C-NE-MIT	ECBA of Alternative Jet Fuels (P28)	20.109	149,329
09-C-NE-MIT	Understanding the Relationship between Aviation Economics and the Broader E	20.109	100,519
09-C-NE-MIT	Environmental Cost-Benefit Analysis of Ultra Low Sulfur Jet Fuels	20.109	26,163
09-C-NE-MIT	Alternative Jet Fuels Air Mobility Command Study	20.109	53,356
09-C-NE-MIT	CGCS Alternative Fuels (P28)	20.109	325,820
09-C-NE-MIT	Low Power/Low Drag Approaches to Mitigate Environmental Impacts of Aviation	20.109	14,629
09-C-NE-MIT	System-level Implications of Changes in Future Aircraft Mission Specifications	20.109	59,559
09-C-NE-MIT	Phase 3 Program Management for Aircraft Noise and Emissions Mitigation COE	20.109	438,609
	Total for 20.109		**1,486,589**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DTFA01-01-C-00030	Distributed Mechanisms for Determining Nas-Wide Service level Expectations	20.CCC	60,038
DTFA01-01-C-00030	Wake Turbulence Research	20.CCC	40,313
DTFAWA-05-D-00012	Task Order 0011: Estimation of Black Carbon Emission sfrom Aircraft at Cruise	20.CCC	9,830
DTFAWA-05-D-00012	Task Order 0012: Aircraft CO2 Analysis on Duty Cycle by Aircraft Type and Air C	20.CCC	14,243
DTFAWA-05-D-00012	Task Order 0010 - Development and Assessment of CO2 Emission Metrics for C	20.CCC	37,566
DTFAWA-05-D-00012	Task Order 0009 EPPA Child (P31)	20.CCC	155,602
DTFAWA-05-D-00012	Task Order 0008 Advancing the Aviation Environment Portfolio Management Tol	20.CCC	181,055
DTFAWA-05-D-00012	Task Order 0009 - Advancing the Aviation Environmental Portfolio Management	20.CCC	590,253

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DTFAWA10F00057	Performance Metrics Development and Analysis Support	20.CCC	25,360
DTFAWA10F00077	Benefits Analysis of Near-Term Deployment of Next Gen Controller Support Tecl	20.CCC	103,658
DTFAWA10F00089	ADS-B AIRB with Alerting Research	20.CCC	592,341
DTFAWA10F00092	User Equipage: New TFM Procedure and Investment Incentives	20.CCC	48,309
DTFAWA10F00093	Global Mega Trends and Expected Utilization of Extended Range Aircrafts in the	20.CCC	37,114
	Total for 20.CCC		**1,895,682**

Contract Number	Government Contract Title	CFDA#	FY Expenses
11-G-016	FAA Joint University Program for Air Transportation Proposal for Activities by the	20.108	10,584
FAA 95-G-017	Joint University Research Program to Meet Future Air Transportation Technologi	20.108	61,925
	Total for 20.108		**72,509**
	Total for US DOT - Federal Aviation Administration		**3,454,780**

Va Hospital - Boston

Contract Number	Government Contract Title	CFDA#	FY Expenses
VA241-P-0743_523C28025	VA Enterprise Systems Engineering Analysis	64.CCC	163,640
	Total for 64.CCC		**163,640**
	Total for Va Hospital - Boston		**163,640**

VA Medical Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
B3688-C	Task Oriented Exercise and Robotics in Neurological Disease	64.CCC	123,652
VA254-MU-0633	Evaluation of Robot-Assisted Neuro-Rehabilitation	64.CCC	45,802
	Total for 64.CCC		**169,454**
	Total for VA Medical Center		**169,454**
	Total for Miscellaneous Federal Govt		**13,127,454**

Nat'l Areo & Space Administration

NASA - Ames Research Center

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NNA06CN23A	Cognitively Based Traffic complexity Metrics for Future NGATS Concepts of Ope	43.000	123,938
NNA08CN84A	Requirements for the Development and Maintenance of Multicellualr Life	43.000	1,807,033
NNA08CN84A	Bowring Child Account: Requirements for the Development and Maintenance of I	43.000	103,988
NNA09DB36A	The Moon as Cornerstone to the Terrestrial Planets: the Formative Years	43.000	363,203
NNX10AJ98G	Geometric Control for Design Through Analysis	43.000	49,389
NNX12AB20A	Realtime Assessment of Emissions Impacts of Airports	43.000	90,686
	Total for 43.000		**2,538,237**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNA06CN24A	Optimization of Super-Density Multi-Airport Terminal Area Systems in the Presen	43.CCC	86,524
NNA11AB46C	MIT/SPHERES Transition Support	43.CCC	72,919
NNX10AN92A	Methodologies to Evaluate Trade-offs Between Environmental Impacts and Air T	43.CCC	196,386
	Total for 43.CCC		**355,829**
	Total for NASA - Ames Research Center		**2,894,066**

NASA - Glenn Research Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX09AV99G	Rapid Turn Around Opportunity (RTA)	43.000	115,836
	Total for 43.000		**115,836**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNC09CA14C	SiC-Based MEMS Sensors for Real-Time Plasma Diagnosis During Spacecraft F	43.CCC	135,004
NNX11AB35A	Aircraft and Technology Concepts for an N+3 Subsonic Transport	43.CCC	1,173,555
	Total for 43.CCC		**1,308,559**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX11AI66A	Geometry Interface for the NASA OpenMDAO Framework	43.002	241,133
	Total for 43.002		**241,133**
	Total for NASA - Glenn Research Center		**1,665,528**

NASA - Goddard Space Flight Center

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NNG06GC28G	ECCO II High Resolution Global Ocean and Sea Ice Reanalaysis	43.000	141,667
NNG06GI67G	Phase Equilbrium Investigation of Planetary Materials	43.000	-5,235
NNH11PQ68P	CISR - NASA Agreement	43.000	42,384
NNX06AC30A	The NASA Energy and Water-Cycle	43.000	21,346
NNX07AE89G	Advanced Global Atmospheric Gases Experiment (AGAGE) Collaborative Resea	43.000	-2,476
NNX07AN63G	Large Telescope Photometry of Extra-Solar Planet Transits	43.000	6,736
NNX07AR02G	Phase Equiplibrium Investigations of Melting and Early Differentiation on Mars	43.000	148,825
NNX07AU12G	A Multi-proxy Search for Atmospheric Oxygen in the 2.9 Ga Pongola	43.000	2,744
NNX08AE49G	Wind SWE/Faraday Cup MO&DA	43.000	-1,597
NNX08AE92G	Deciphering Pluto's Atmosphere: Synthesis of Occulation Observations and The	43.000	37,896
NNX08AI62G	Development of Critical Angle X-Ray Transmission Gratings	43.000	389,258
NNX08AI62G	Nanoruler Fabrication	43.000	58,477
NNX08AI62G	Fab Eq - SNL Vacuum Chip Bonder	43.000	9,442
NNX08AK68G	U.S. Participation in the Marco Polo Mission	43.000	7,856
NNX08AK68G	Off-Campus Account: U.S. Participation in the Marco Polo Mission	43.000	14,869
NNX08AL42G	How Well Can LISA Measure Black Hole Binary Inspirals?	43.000	80,254
NNX08AL45G	Solar System Dynamics	43.000	84,237
NNX08AM24G	Geophysics of Terrestrial Planets	43.000	38,371
NNX08AR33G	Application of Satellite Atimetry Gravity Winds and in Situ Data to Problems of th	43.000	381,234
NNX08AT14G	Laboratory Study of the Effect of Impurities on the Flow and Fracture of Icy Mate	43.000	56,136
NNX08AV89G	Atlantic MOC Observing System Studies Using Adjoint Models	43.000	78,860
NNX08AX15G	A Search for Extra-Terrestrial Genomes (SETG): An In-situ Detector for Life on M	43.000	311,890
NNX08AX15G	Fab Eq - Upgraded Portable Instrument	43.000	396
NNX08AY59A	Research on the Natural Variability of Climate and the Impact on Anthropogenic I	43.000	209,045
NNX08AY96G	Measuring Paleomagnetism and Orienting Samples on the Moon	43.000	57,896
NNX08BA20G	The Role of Water In The Early Formation of mars: Wet Magma Ocean Crystaliz	43.000	-6
NNX08BA51G	Theorectical Interpretation of Kepler Exoplanet Albedos and Reflected Light Curv	43.000	-29,681
NNX09AE44G	Phytoplankton Community Organization by Cell Size, Optical Propoerties and Me	43.000	351,445
NNX09AE58G	Continuing MIT Participation in the Monitoring and Interpretation of Data from the	43.000	107,583
NNX09AE73G	Reanalysis of Cassini/Titan Radar Altimetry	43.000	21,804
NNX09AJ91A	Investigating the Organic and Nutrient Chemistry of Glacial Ice	43.000	-1
NNX09AK26G	Shifts in Extreme Precipitation Events Based on Resolved Atmospheric Changes	43.000	147,961
NNX09AK68G	Improvements to the Accuracy of Global Geodesy	43.000	44,105
NNX09AK70G	Improved Estimation of Geocenter motion using Imperfectly distributed networks	43.000	130,206
NNX09AL61G	Swift multiwavelength follow-up of gravitational-wave transient candidates	43.000	1,024
NNX09AM88G	Molecular and Isotopic Studies of Two Contrasting Mass Extinction Events.	43.000	245,910

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX09AR12G	The Final Stages of Outbursts in Soft X-Ray Transients (Swift 5080150)	43.000	10,663
NNX09AV65G	ABELL 1795 WITH SUZAKU: A NEW WINDOW ON CLUSTER FORMATION AN	43.000	1,262
NNX09AV84G	Comprehensive Analysis and Synthesis of Exploration Systems Architectures	43.000	57,649
NNX10AB27G	Exploring the Outer Solar System with Stellar Occultations	43.000	150,961
NNX10AC70G	NRA/Research Opportunties in Space & Earth Sciences	43.000	307,126
NNX10AD41G	Atomic Data Unleashed: Interactive, Scriptable Interfaces to Databases and Cod	43.000	21,025
NNX10AD67G	Studying Exoplanet Atmospheres with Spitzer Archival Data	43.000	119,715
NNX10AE25G	Detector System fo Micro-X Sounding Rocket Payload - Fabrication.	43.000	92,491
NNX10AE25G	Supernova remnant and galaxy cluster observations with the Micro-X high resolu	43.000	276,910
NNX10AE50G	High Performance Three-Dimensionally Integrated Active Pixel X-Ray Sensors	43.000	79,038
NNX10AE68G	Subaward to Smithsonian Astrophysical Observatory	43.000	69,367
NNX10AE68G	Astro-comb Visible Wavelength Calibrator as Supporting Technology for Exoplan	43.000	118,368
NNX10AF59G	Fabricated Equipment - Upgraded Mirror Slumping Process	43.000	19,358
NNX10AF59G	Development of high-resolution lightweight x-ray telescope optics	43.000	425,186
NNX10AG27G	SMASS-Next: Next Generation Neo Spectroscopic Survey	43.000	47,573
NNX10AH32G	Search for Records of Early Solar System Magnetic Fields	43.000	120,757
NNX10AH60G	Patterns of Innovation in Government Space Agencies	43.000	9,734
NNX10AH84G	Multiwavelength Spectroscopy of 330.2 1.0 (Suzaku 41312)	43.000	3,490
NNX10AK91G	A UNIQUE EXPERIMENT: MONITORING THE OBSCURING CLOUDS IN THE	43.000	2,667
NNX10AL11G	Electron Beam Heating During Magnetotail Reconnections	43.000	45,888
NNX10AM68G	MIT Radar Observations in Niger for Megha-Tropiques, Malaria and Haboobs	43.000	-188
NNX10AP35G	The Wind SWE/Faraday Cup: Mission Operation and Data Analysis	43.000	64,067
NNX10AR85G	Laboratory Photochemistry Experiments to Identify the Source Reaction	43.000	128,151
NNX10AR94G	4U1957+11: THE MOST RAPIDLY GALACTIC BLACK HOLE?	43.000	19,134
NNX10AR96G	ACCRETION DISKS IN STRONG GRAVITY: FE LINES VS. KHZ QPOS AND SF	43.000	25,089
NNX11AC86G	Hunting For The Variable Iron Line in NGC 42	43.000	717
	Total for 43.000		**5,407,059**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NAS5-30612	The All Sky Monitor/Experiment Data System for the X-Ray Timing Explorer (XTE	43.CCC	81,289
NNG10HP00C	VLBI Antenna System - Fabrication	43.CCC	334,241
NNG10HP00C	Continued Development and Operation of the NASA Mark IV and Next Generatic	43.CCC	2,029,752
NNG12FD70C	REgolith X-ray Imaging Spectrometer (REXIS)	43.CCC	113,635
NNG12FD70C	Kavli - Regolith X-Ray Imaging Spectrometer (REXIS)	43.CCC	50,285
NNG12FG02C	Transiting Exoplanet Survey Satellite (TESS)	43.CCC	183,940
NNG12FG02C	Fab Eq - Focal Plane Electronics	43.CCC	25,312

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NNG12FG02C	Fab Eq - Camera Assembly	43.CCC	95,851
NNH10CC27C	Supporting the SPHERES Facility aboard the ISS for STEM Educational Objectiv	43.CCC	95,572
NNH11CC25C	Leonard Vertigo Child	43.CCC	74,432
NNH11CC25C	Visual Estimation and Relative Tracking for Inspection of Generic Objects (VERT	43.CCC	496,433
NNH11CC26C	Zero Robotics	43.CCC	634,077
NNX07AD29G	Predicting Landslides Using Measurements of Precipitation from Space	43.CCC	-746
	Total for 43.CCC		**4,214,073**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX11AF17G	Advanced Global Atmospheric Gases Experiment (AGAGE) Collaborative Resea	43.001	979,079
NNX11AF30G	Fab Eq - Stray Light Test Facility Grating Mount	43.001	5,751
NNX11AF30G	Fab Eq - Upgraded Nanoruler	43.001	11,972
NNX11AF30G	Development of a critical-angle transmission grating spectrometer	43.001	591,029
NNX11AF77G	In situ measurements of ice nuclei and aerosol composition for MACPEX	43.001	43,823
NNX11AG85G	Exoplanetary Spin-Orbit Angles	43.001	220,600
NNX11AI02G	A Major Addition to the Number of Sources in the RXTE/ASM Light Curve Data E	43.001	28,653
NNX11AJ28G	Development of a Magnetometer for a Planetary Lander	43.001	119,674
NNX11AL79G	Quantifying rates of heat and carbon uptake in ocean models and its implication f	43.001	120,123
NNX11AN37G	Laboratory studies of the effects of impurities on the flow of icy materials on mars	43.001	38,921
NNX11AN72G	A modeling analysis of the impact of anthropogenic aerosols on actinic fluxes and	43.001	145,625
NNX11AO19G	THE GBM ALL-SKY X-RAY BURST MONITOR (FERMI 41270)	43.001	69,386
NNX11AP37G	A Simulator for Gems	43.001	22,976
NNX11AQ12G	Estimating the Circulation and Climate of the Ocean, Phase III (ECCO3): Improve	43.001	151,468
NNX11AR70G	Comprehensive Systems Architecting of Exploration Infrastructures	43.001	224,383
NNX12AC25G	Functional convergence of microbes across diverse acidic environments	43.001	41,334
NNX12AC76G	Obliquities of Kepler stars: clues to planet migration	43.001	4,149
	Total for 43.001		**2,818,946**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNG12FD70C	EAPS - Regolith X-Ray Imaging Spectrometer (REXIS)		30,940
	Total for undefined		**30,940**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX09AM53G	Lunar and Planetary Gravity and Topography	43.003	462,178
	Total for 43.003		**462.178**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX10AV02G	THE OUTER LIMITS OF RICH CLUSTERS: SUZAKU OBSERVATIONS TO R2(	43.00	48,387
	Total for 43.00		**48,387**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX11AR35G	High-temperature superconductors as electromagnetic deployment and support s	43.007	68,730
NNX11Q21A	MIT Participation in the Station Experiment for X-ray Timing and Navigation Tech	43.007	223,245
	Total for 43.007		**291,975**
	Total for NASA - Goddard Space Flight Center		**13,273,558**

NASA - Johnson Space Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX09AE50G	A Critical Benefit Analysis of Artificial Gravity as a Microgravity Countermeasure	43.000	6,691
NNX12AC09G	Spacesuit Trauma Countermeasure System for Intravehicular and Extravehicular	43.000	46,698
	Total for 43.000		**53,389**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX11AR01G	Robust Parts Tracking in Robot Manipulation Applications	43.003	34,865
	Total for 43.003		**34,865**
	Total for NASA - Johnson Space Center		**88,254**

NASA - Langley Research Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNL10AA13C	ARRA - Assuring Safety using System Theoretic Concepts	43.CCC	161,450
NNL10AA13C	Assuring Safety using System Theoretic Concepts CLIN 2 Non-ARRA Funded Ta	43.CCC	230,824
	Total for 43.CCC		**392,274**

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNX11AR11G	GPS- and Compass- Denied Flight in Outdoor, Unstructured Environments	43.009	18,155
	Total for 43.009		**18,155**
			410,429

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	Total for NASA - Langley Research Center		**410,429**

NASA - Marshall Space Flight Center

Contract Number	Government Contract Title	CFDA#	FY Expenses
NNM08AA18C	GRAIL	43.CCC	2,115,073
	Total for 43.CCC		**2,115,073**
	Total for NASA - Marshall Space Flight Center		**2,115,073**
	Total for Nat'l Areo & Space Administration		**20,446,908**

National Science Foundation

NSF

Contract Number	Government Contract Title	CFDA#	FY Expenses
AST-0607601	Strong Gravitational Lensing of Quasars and the Distribution of Dark Matter in Ga	47.049	40,464
AST-0647787	REU Site: Astronomy and Atmospheric Science at the mit Haystack Observatory	47.049	87,793
AST-0705058	Collaborative Research: Ultra-Precision Silicon Immersion Gratings for Infrared S	47.049	14,757
AST-0707609	Exploring the Kuiper Belt with the Magellan Telescopes	47.049	104,271
AST-0708106	Collaborative Proposal: Models of the Deep Circulation of Gas Giants: Solar Hea	47.049	137,382
AST-0708534	MSPA-AST: Precision cosmology with galaxies, CMB and 21 cm tomography	47.049	220
AST-0747154	CAREER: Building Rocky Planets: From Mercury and Vesta to GL 581C	47.049	138,085
AST-0804311	Collaborative Research Proposal: A Bright, Ultrastable Optical Wavelength Calib	47.049	3,007
AST-0907766	SMASS- Next: Next Generation Asteroid Spectroscopic Survey	47.049	221,161
AST-0908920	Chemical Abundances in the Intergalactic Medium: Evolution and Constraints on	47.049	85,382
AST-1006507	Collaborative Research: Development of a Green-Orange Astro-Comb for Exopla	47.049	45,021
AST-1009644	The HI 21-cm Line as a Probe of Stellar Mass-Loss and Evolution	47.049	90,404
AST-1105835	Fab Eq -HERA Pathfinder Instrument for Precision Cosmology	47.049	43,368
AST-1105835	MITEoR: a HERA pathfinder instrument for cheaper 21 cm precision cosmology	47.049	50,013
AST-1108595	Spin-Orbit Alignment in Binary Stars	47.049	104,316
AST-1109115	Feedback from the First Stars: Chemical Abundances in the First Billion Years af	47.049	53,814
AST-1109152	Investigations of Black Holes, Neutron Stars, and Accretion Physics with High-Re	47.049	125,650
CHE-0616939	Condensed Matter Coherent Spectroscopy and Control	47.049	99,463
CHE-0714189	Collaborative Research: High Throughput and Massively Parallel Synthesis of Ma	47.049	172,603
CHE-0714189	Collaborative Research: Bawendi Child	47.049	136,561

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CHE-0714189	Collaborative Research: Jensen Child	47.049	61,941
CHE-0719157	Early Metal Mediated Chemistry of the Group 15 Elements	47.049	888
CHE-0749821	Pure Electronic Rydberg Spectroscopy: The Use of Chirped-Pulse Millimeter-Wa	47.049	-2,220
CHE-0750239	Multielectron Activation of Metal-Halide, Metal-Hydride and Metal-Oxo Bonds	47.049	22,451
CHE-0841187	Multiple Metal-Carbon Bonds, Metallacycles, and Catalytic Reactions Involving C	47.049	37,695
CHE-0907905	Metal Coordination Compounds as Reporters for Biological NO	47.049	167,366
CHE-0911107	Fabricated Equipment - Pump - Probe Optimized Optical Phase - Controlled Inte	47.049	7,767
CHE-0911107	Two-dimensional infrared spectroscopy of protein conformational dynamics (M+S	47.049	16,138
CHE-0911107	Two-dimensional infrared spectroscopy of protein conformational dynamics	47.049	157,202
CHE-1012809	Detailed studies of the chemistry of alkoxy and alkylperoxy radicals in the multipl	47.049	175,714
CHE-1019990	The Chemical Biology of Phosphorothioate Modifications of DNA in Bacteria	47.049	207,255
CHE-1058219	Accurate Photochemistry in the Condensed Phase	47.049	73,845
CHE-1058709	The Impact of Chirped Pulse Millimeter-Wave Technology on the Spectroscopy, I	47.049	220,171
CHE-1111133	Multiple Metal-Carbon Bonds, Metallacycles and Catalytic Olefin Metathesis Rea	47.049	188,738
CHE-1111357	Synthesis Using Group 15 Elements	47.049	152,819
CHE-1111557	Coherent spectroscopy and Coherent control of collective modes through shaped	47.049	45,004
CHE-1111567	New Cycloaddition and Annulation Strategies for Organic Synthesis	47.049	168,886
CHE-1112154	Metal Platforms for the Photoactivation of Metal-Hydride, -Halide and -Oxo Bonds	47.049	120,924
DMR-0504158	Child Account for PUF/FACE Cost Sharing under 6922893	47.049	18,876
DMR-0504158	Spin Transport Studies in Band and Interface Tailored Materials: Towards Total	47.049	6,587
DMR-0604430	GOALI: Magnetooptical Materials for Integrated Optical Isolators	47.049	-5,842
DMR-0606276	The Ab-initio Prediction of Crystal Structure: Combining Data Mining Ideas with (	47.049	-671
DMR-0645323	CAREER: Structure-Property Relationships for Mixed Ligand Rippled Nanopartic	47.049	137,324
DMR-0704717	Structure Evolution During Volmer-Weber Growth of Metallic Films and Micro- an	47.049	91
DMR-0745555	CAREER: Semiconductor Nanowires: Structure-Property Relationships and Appl	47.049	28,445
DMR-0803315	Constrained Fluctuations	47.049	142,817
DMR-0804040	Physics of Strong Disorder and Correlation	47.049	59,255
DMR-0804449	Periodic Polymeric Materials: Deaf and Blind Structures	47.049	109,630
DMR-0819762	CMSE - IRG-1 - Belcher	47.049	43,226
DMR-0819762	CMSE - SEED - Wang	47.049	45,383
DMR-0819762	CMSE - IRG-3 - Johnson	47.049	47,047
DMR-0819762	CMSE - SEED - Dinca	47.049	50,474
DMR-0819762	CMSE -IRG 3 - Anikeeva	47.049	47,362
DMR-0819762	CMSE - Initiative 1- Wardle	47.049	37,881
DMR-0819762	CMSE - Initiative 1- Cohen	47.049	46,823
DMR-0819762	MRSEC Supplement - NSF MRF	47.049	35,270

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DMR-0819762	CMSE -Subaward - University of Central Florida	47.049	27,730
DMR-0819762	CMSE - IRG-2 Cohen	47.049	28,564
DMR-0819762	CMSE -Initiative 1 - Rubner	47.049	-3,703
DMR-0819762	CMSE -Initiative 1 - Irvine	47.049	364
DMR-0819762	CMSE - IRG-3 - Fink	47.049	1,193
DMR-0819762	CMSE - Initiative 2 - Chu	47.049	2,910
DMR-0819762	CMSE - IRG-1 - Hamad-Schifferli	47.049	34,811
DMR-0819762	CMSE - Subcontract - Univ. of Pittsburgh	47.049	6,137
DMR-0819762	CMSE - IRG-1 - Marzari	47.049	8,662
DMR-0819762	CMSE - IRG - 1 - VAN VOORHIS	47.049	13,895
DMR-0819762	CMSE - MRSEC Day Camp	47.049	19,823
DMR-0819762	CMSE - IRG - 1 - NOCERA	47.049	56,178
DMR-0819762	MRSEC Supplement - Reconfigurable Array Magnetic Automata	47.049	6,288
DMR-0819762	CMSE - IRG-2 Hammond	47.049	57,699
DMR-0819762	CMSE MRSEC Grant Supplement - MRSEC Website	47.049	82,992
DMR-0819762	CMSE - IRG-3 - Soljacic	47.049	78,822
DMR-0819762	CMSE - Major Equipment	47.049	229,608
DMR-0819762	CMSE - MRSEC Administration	47.049	211,244
DMR-0819762	CMSE - MRSEC Education Support	47.049	187,118
DMR-0819762	CMSE - MRSEC Undergrad/REU	47.049	130,781
DMR-0819762	CMSE - IRG-2 Ortiz	47.049	78,630
DMR-0819762	CMSE - IRG-1 - Thompson	47.049	102,844
DMR-0819762	CMSE - IRG-3 - Joannopoulos	47.049	98,356
DMR-0819762	CMSE - SEED - Lu	47.049	95,318
DMR-0819762	CMSE - Initiative 1- Rubner	47.049	87,746
DMR-0819762	CMSE - Initiative 2 - Jarillo-Herrero	47.049	83,712
DMR-0819762	CMSE - SUPER SEED - KATZ	47.049	100,059
DMR-0819762	CMSE - IRG-2 Boyce	47.049	66,886
DMR-0819762	CMSE - IRG-2 Buehler	47.049	78,208
DMR-0819762	CMSE - Initiative 2 - Moodera	47.049	73,949
DMR-0819762	CMSE - IRG-1 - Ceder	47.049	71,599
DMR-0819762	CMSE - MRSEC Special Projects	47.049	72,432
DMR-0819762	CMSE - IRG-1 - Shao-Horn	47.049	72,865
DMR-0819762	CMSE - IRG-2 Van Vliet	47.049	76,817
DMR-0819762	CMSE - SEED - Roman	47.049	67,703
DMR-0819762	CMSE - Initiative 2 - Gedik	47.049	75,234

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DMR-0819762	CMSE - IRG-3 - Ippen	47.049	75,677
DMR-0845287	CAREER: Exploration of novel quantum phenomena and relativistic-like quantum	47.049	114,548
DMR-0845358	CAREER: Understanding the Chemical Vapor Deposition Synthesis of Graphene	47.049	93,944
DMR-0906838	Surface Modification and Bbioconjugation of Gold Nanorods	47.049	81,512
DMR-0934312	Collaborative Research: EAGER Non-Homogeneous Flow Fields in Nonlinear Rh	47.049	134
DMR-1004147	Photophysical Studies of Nanocarbons	47.049	133,524
DMR-1005434	Physics Near the Mott Transition	47.049	97,342
DMR-1005541	Physical Properties of Strongly Correlated Quantum Liquids	47.049	127,570
DMR-1005810	Synthesis and Organization of Electronic Molecular and Polymeric Materials	47.049	224,844
DMR-1005926	Fabrication: Quantum Control Technique Device for Diamonds	47.049	5,338
DMR-1005926	Spin Bath of a Central Spin System in Diamond: Polarization and Coherent Contr	47.049	113,421
DMR-1006147	Collaborative Research: Hierarchically Assembled Viral-Synthetic Hybrid Microer	47.049	29,658
DMR-1007760	Materials World Network: Triblock Terpolymers for Self-assembled Nanolithograp	47.049	125,717
DMR-1007793	Fabricated Equipment: CVD Thermal Chamber	47.049	7,828
DMR-1007793	Materials World Network: Novel Catalyst Systems for Carbon Nanotube (CNT) S	47.049	81,312
DMR-1042342	EAGER: IMR: Compact source of coherent x-rays, attosecond electron pulses, a	47.049	7,713
DMR-1054671	CAREER: Self-Healing Under Flow: From Single Molecule Dynamics to Regener	47.049	103,775
DMR-1104394	Tunneling and Bulk Resistance Measurements in the Fractional Quantum Hall St	47.049	148,932
DMR-1104498	Physics of Strong Disorder and Correlation	47.049	66,550
DMR-1104610	Mechanisms of Stress and Structure Evolution During Processing of Polycrystalli	47.049	110,190
DMR-1104912	Ferromagnetic Magnetooptical Oxides for Nonreciprocal Photonic Devices	47.049	115,127
DMR-1107339	Materials World Network: Quantum Size Effects in Semiconducting V2VI3 and IV	47.049	25,488
DMR-1207469	Investigating Two-Dimensional Systems and Surface States Under the Influence	47.049	2,825
DMS-0545904	CAREER: Cohomological Methods in Algebraic Geometry and Number Theory	47.049	51,280
DMS-0546209	CAREER: Algebraic Combinatorics and its Applications	47.049	12,979
DMS-0604423	Studies in Algebraic Combinatorics	47.049	53,249
DMS-0606629	Geometric Analysis; Minimal Surfaces, Geometric Flows, and Function Theory	47.049	-1,300
DMS-0652630	FRG Collaborative Research Homological Mirror Symmetry and Its Applications	47.049	470
DMS-0757207	FRG: Collaborative Research: Semidefinite Optimization and Convex Algebraic C	47.049	123,575
DMS-0758197	Applications of the Relative Trace Formula in Higher Rank	47.049	1,099
DMS-0758262	Mathematical Sciences Geometric Methods in the Representation Theory of Affin	47.049	126,102
DMS-0805841	Low Dimensional Topology and Gauge Theory	47.049	83,663
DMS-0807330	Collaborative Research: Time-Dependent and Inhomogeneous Flows of Entangle	47.049	134
DMS-0813648	Capturing subgrid structures with level set methods	47.049	80,006
DMS-0841321	Rational points on varieties in families, and countable unions of varieties over cou	47.049	38,416
DMS-0844185	CAREER: Multiple Dirichlet Series, Automorphic Forms, and Combinatorial Repr	47.049	75,951

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DMS-0854764	FRG: Collaborative Research: Quantum Cohomology, Quantized Algebraic Varie	47.049	141,189
DMS-0854764	Off Campus Account - Bezrukavnikov	47.049	15,698
DMS-0854774	FRG: Collaborative Research: Mean curvature flow as a tool in low dimensional	47.049	135,721
DMS-0854877	FRG: Collaborative Research: Characters, Liftings, and Types: Investigations in I	47.049	24,387
DMS-0900996	Algebraic Structures Arising in Physics	47.049	53,512
DMS-0905950	Collaborative Research: Homotopy Theory: Applications and New Dimensions	47.049	194,310
DMS-0906038	Non-variational Plateau problems in geometry and general relativity	47.049	35,226
DMS-0907955	The stability of hydraulic jumps: analysis, computation, and experiment	47.049	93,739
DMS-0908122	Nonlinear Wave Propagation in Fluid Flows	47.049	41,714
DMS-0934689	CMG Collaborative Research: Imaging Magnetization Distributions in Geological	47.049	52,193
DMS-0943787	EMSW21-RTG: Geometry and Topology	47.049	146,685
DMS-0946296	CAREER: Random Surfaces and Conformal Probability	47.049	145,402
DMS-0952486	CAREER: Lattices and Sphere Packings, Arithmetic Geometry and Computationa	47.049	65,031
DMS-0967272	FRG: Collaborative Research: Atlas of Lie groups and Representations: Unitary F	47.049	69,720
DMS-0969470	Geometric methods in local and global representation theory	47.049	39,216
DMS-0969745	Semiclassical Analysis in Inverse Problems; on Kac's problem and Calderon's pr	47.049	55,315
DMS-1000113	Tensor categories, quantum groups, and Hecke algebras	47.049	93,268
DMS-1005288	Cohomological methods in symplectic topology	47.049	157,580
DMS-1005365	Symplectic homology and Stein manifolds	47.049	39,561
DMS-1005539	High Dimensional Inference and Signal Recovery - revised budget	47.049	23,201
DMS-1005696	Spectral problems in semi-classical analysis, wave and heat trace asymptotics a	47.049	47,876
DMS-1005944	Compactifications, resolution and differential equations	47.049	143,070
DMS-1007790	Geometrical algorithms for the inverse scattering of waves	47.049	114,356
DMS-1007967	Collaborative Research: Phantom traffic jams, continuum modeling, and connecti	47.049	26,461
DMS-1016125	Collaborative Research: Theory and Algorithms for Beta Random Matrices: The I	47.049	28,657
DMS-1022356	The Fluid Dynamics of Respiratory Disease Transmission	47.049	167,000
DMS-1025302	CMG Collaborative Research: Nonlinear elastic-wave inverse scattering and tom	47.049	81,221
DMS-1035400	Jeffrey Grossman	47.049	187,083
DMS-1035400	Alan Edelman	47.049	48,757
DMS-1035400	Of Randomness and Disorder: A New Paradigm for Solar Materials Simulation	47.049	653
DMS-1035400	Troy Van Voorhis	47.049	210,063
DMS-1050466	CAREER: ARITHMETIC STRUCTURE OF HOMOTOPY THEORY	47.049	43,606
DMS-1054622	Minimal Model Program	47.049	100,626
DMS-1056390	Growth of Random Surfaces	47.049	110,064
DMS-1068625	Studies in Algebraic and Enumerative Combinatorics	47.049	38,612
DMS-1068626	Bijective combinatorics of maps: Beyond boundaries	47.049	21,337

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DMS-1068815	New perspectives on dispersive equations	47.049	125,016
DMS-1069197	Problems in Ramsey theory and extremal combinatorics	47.049	77,914
DMS-1069225	Free Boundaries, Level Surfaces, and Stochastic Growth	47.049	72,031
DMS-1069236	Random maximal isotropic subspaces and Selmer groups	47.049	37,585
DMS-1100147	Algebraic and Geometric Combinatorics	47.049	41,798
DMS-1100943	Representation Theory of Reductive Groups over Local Fields	47.049	64,745
DMS-1102434	Categories of sheaves, canonical bases and harmonic analysis	47.049	115,868
DMS-1104392	Mean Curvature Flow, Manifolds with Ricci curvature bounds, Representations o	47.049	32,705
DMS-1104623	Critical percolation in high dimensions	47.049	10,283
DMS-1104690	Contact manifolds and Heegaard Floer homology	47.049	49,445
DMS-1105810	Heegaard diagrams and holomorphic disks	47.049	1,411
DMS-1105960	Algebra, dynamics and computation in abelian networks	47.049	6,163
DMS-1107335	Dynamics of Nonlinear Internal Wave Beams in Stratified Flows	47.049	33,466
DMS-1115278	Collaborative Research: Numerical approaches for incompressible viscous flows	47.049	6,885
DMS-1115455	Computational methods in arithmetic geometry	47.049	17,731
DMS-1208998	Exact solvability of the Kardar-Parisi-Zhang stochastic partial differential equatior	47.049	5,411
PHY-0449884	Career: Beyond Gravitational Wave Detection	47.049	20,759
PHY-0551153	CUA-Harvard University Subaward	47.049	991,838
PHY-0551153	CUA-W. Ketterle	47.049	125,154
PHY-0551153	CUA-Outreach Project	47.049	-2,383
PHY-0551153	CUA - Seminar	47.049	14,812
PHY-0551153	CUA - M. Zwierlein	47.049	9,170
PHY-0551153	Fabrication: Cold Atom Apparatus	47.049	-82
PHY-0551153	Fabrication: Ion Trap Appartus	47.049	33,069
PHY-0551153	CUA-Core Project	47.049	28,922
PHY-0551153	CUA-Visitor Project	47.049	20,475
PHY-0551153	Fabrication: Cold Atom Apparatus	47.049	3,791
PHY-0551153	CUA-I. Chuang	47.049	75,925
PHY-0551153	CUA-V. Vuletic	47.049	106,823
PHY-0653414	Surface-Electrode Ion Lattices for Quantum Information Science	47.049	-27,914
PHY-0653414	Fabrication: Microchip Ion Trap Array for Quantum Simulation	47.049	80
PHY-0653414	Fabrication: Cryogenic UHV Ion Trap System	47.049	-61
PHY-0758188	Quantum effects in radiation-pressure-dominated optomechanical systems	47.049	136,959
PHY-0758188	Fabricated Equipment: Quantum radiation Pressure Pathfinder	47.049	80,820
PHY-0847342	CAREER: Increasing the Dark Matter Science Reach of the SuperCDMS Experir	47.049	168,207
PHY-0903906	Interaction of A Flowing Plasma With Collecting Objects	47.049	3,457

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Contract Number	Government Contract Title	CFDA#	FY Expenses
PHY-0967299	Research in Theoretical Elementary Particle Physics	47.049	148,128
PHY-0968893	Neutrino Detector Development at MIT	47.049	1,365
PHY-0968893	Fabricated Equipment - Wavelength Shifting Plates and Rod	47.049	12,338
PHY-0969311	Stongly Interacting Quantum Mixtures of Ultracold Atoms	47.049	244,842
PHY-0969731	A Program in Ultra-Low-Temperature Atomic Physics	47.049	333,585
PHY-0969731	Fabricated Equipment - Bec 5	47.049	225,510
PHY-0970047	Distinguishing Dark Matter Signals from Neutron Backgrounds	47.049	152,865
PHY-1005373	Noise Characterization and Dynamic Decoupling in Superconducting Qubits	47.049	254,643
PHY-1027890	CDI-Type I: Collaborative Research: High-dimensional phase-space subdivisions	47.049	44,305
PHY-1041588	Toward the Experimental Detection of Cosmic Relic Neutrinos	47.049	17,389
PHY-1055154	CAREER: Exploration of Evolutionary Dynamics on Rugged Fitness Landscapes	47.049	89,563
PHY-1068720	Gravitational-wave and strong-gravity astrophysics	47.049	167,302
PHY-1068772	Quantum Opto-mechanics on Multiple Scales	47.049	198,938
PHY-1125846	Seminar Program	47.049	40,428
PHY-1125846	Cappellaro Project	47.049	64,749
PHY-1125846	Harvard University Sub	47.049	565,289
PHY-1125846	Core Project	47.049	39,961
PHY-1125846	Chuang Project	47.049	33,830
PHY-1125846	Ketterle Project	47.049	44,890
PHY-1125846	Center for Ultracold Atoms	47.049	2,844
PHY-1125846	Visitors Program	47.049	30,093
PHY-1125846	Zwierlein Project	47.049	65,189
PHY-1125846	Vuletic Project	47.049	124,414
PHY-1148134	EAGER: H2+ Ion Source Studies at the BEST Cyclotrons, Inc. Test Stand	47.049	12,115
	Total for 47.049		**17,843,327**

Contract Number	Government Contract Title	CFDA#	FY Expenses
BES-0609182	NIRT: Biomeimetic Nanostructured Medical Adhesives	47.041	20,889
CBET 0753036	NIRT: Single Molecule Detection in Living Cells Using Carbon Nanotube Optical	47.041	1,308
CBET 0753036	UIUC Subaward - 6915791	47.041	97,955
CBET-0644846	CAREER: Chemomechanical Imaging and Engineering of Single Cell Phenotype	47.041	44,686
CBET-0755825	Phonon Heat Conduction in Nanostructures: 3D to 1D Transition	47.041	68,651
CBET-0758352	CAREER Understanding and Expoliting the Surface Chemistry of Carbon Nanot	47.041	17,856
CBET-0845347	CAREER:Technologies for Genome-Wide In Vivo Study of Neuronal (Axonal) De	47.041	86,819
CBET-0852235	DNA Polymer Dynamics in Nanoconfinement	47.041	50,910
CBET-0853866	Assessing Environmental Sustainability using FLAG: A case study of a novel ser	47.041	74,289

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CBET-0933095	Advances in Global Dynamic Optimization	47.041	68,882
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	704,360
CBET-0939511	L. Griffith STC	47.041	190,794
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	1,558,778
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	38,308
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	67,858
CBET-0939511	B. Imperiali - STC	47.041	85,999
CBET-0939511	P. Hammond STC	47.041	148,482
CBET-0939511	R. Kamm STC	47.041	103,045
CBET-0939511	P. So RTC	47.041	106,343
CBET-0939511	R. Weiss RTC	47.041	125,419
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	138,820
CBET-0939511	H. Asada STC	47.041	158,656
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	164,120
CBET-0939511	L. Boyer STC	47.041	219,606
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular	47.041	1,473,828
CBET-0952493	CAREER: CELL SEPARATION BY ROLLING ON ASYMMETRIC RECEPTOR P	47.041	161,980
CBET-0952564	CAREER: Fundamental Studies of Condensation Phenomena on Heterogeneous	47.041	119,611
CBET-0954986	CAREER: Design, Construction and Characterization of Metabolite Valves	47.041	124,311
CBET-0966000	Collaborative Proposal: Chiral Objects in Microfluidic Shear Flows: Chiral Separa	47.041	103,750
CBET-0966452	Bouncing droplets: from fundamentals to digital microfluidics	47.041	22,516
CBET-1001092	Engineered Quorum Sensing & Programmed Multi-Step Differntiation of Mammal	47.041	-3,736
CBET-1033316	Probing Delays and Memory in Gene Activation Using a Gene Oscilloscope	47.041	168,382
CBET-1033533	Directed Assembly of Nanoscale Process Systems	47.041	125,385
CBET-1046890	RAPID: Multiscale plume modeling of the Deepwater Horizon accidental oil-well b	47.041	1,398
CBET-1053233	CAREER: A Neurophotonic Platform for Causal Brain Analysis	47.041	71,760
CBET-1066566	Collaborative Research: Swimming and Settling in Stratified Fluids	47.041	59,620
CBET-1133286	Collaborative Research: Reducing the Burden of Global Materials Manufacture, E	47.041	120,239
CBET-1133813	Fundamental Studies of Graphene Solutions: Exfoliation, Dispersion, and Stabilit	47.041	30,068
CBET-1133813	Child-Strano-6924474	47.041	58,183
CBET-1224898	Collaborative Research: Cyberplasm - An autonomous micro-robot constructed u	47.041	197,985
CBET-1240696	1066469 - Collaborative Research: Developing A Complete Membrane-Cytoskele	47.041	11,463
CMMI-0517966	Manufacturing Processes for Polymer-Based Microfluidic Devices	47.041	30,886
CMMI-0555053	Effect of Inclusions on Material Performance-Investigation Through Microcontinu	47.041	-12,223
CMMI-0555614	Constitutive Equations and Computational Procedures for Modeling Nano/Micro-S	47.041	-853
CMMI-0642545	CAREER: Mechanics of Chemically Complex, Hierarchical Nanostructured Prote	47.041	140,129

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CMMI-0700044	Modern Mathematical Programming Approaches to Obtain Deeper Insights into M	47.041	11,445
CMMI-0728162	Stochastic Recruitment and Broadcast Feedback of Cellular Control Systems an	47.041	1,777
CMMI-0758061	Price of Anarchy and its Applications	47.041	102,843
CMMI-0758069	Nearly Optimal Solutions for Stochastic Optimization Problems	47.041	126,343
CMMI-0758651	Nanomechanics of Cartilage Extracellular Matrix Macromolecules from Aged, Dis	47.041	38,039
CMMI-0824674	Alleviating Travel Delay Uncertainties in Traffic Assignment and Traffic Equilibriu	47.041	111,982
CMMI-0830134	CAREER: A Design Data Analysis Approach to Early Stage Design Process Mod	47.041	153,746
CMMI-0846554	CAREER: New Algorithmic Approaches to Computationally Challenging Stochast	47.041	36,071
CMMI-0856063	Collaborative Research: Adaptive Allocation Rules in High Dimensional Settings,	47.041	60,860
CMMI-0856171	Collaborative Research: Mechanical and Electrical Reliability Maximization of Re	47.041	10,346
CMMI-0856325	Debonding in Bi-layer Material Systems under Moisture Effects: A Multi-scale Fr	47.041	120,858
CMMI-0918571	Cavern Design for the Deep Underground Science and Engineering Laboratory (	47.041	26,168
CMMI-0926349	Preparing Cities for Climate Change: An International Comparitive Assesment of	47.041	96,199
CMMI-0926671	A Robust Methodology for the Standoff Condition Assessment of FRP-Retrofitted	47.041	63,021
CMMI-0970017	Collaborative Research: Optimal Gaits and Design for Locomoting Systems	47.041	67,710
CMMI-1000727	A Multi-Cellular PZT Actuator/Generator with Tunable Stiffness and Resonant Fr	47.041	142,415
CMMI-1029260	What Do Customers Like: A New Approach That Lets The Data Decide	47.041	64,622
CMMI-1029603	Online Optimization for Dynamic Resource Allocation Problems	47.041	128,944
CMMI-1031332	Statistical physics methods and algorithmic applications in graphical games and	47.041	103,401
CMMI-1054034	CAREER: Large Scale Stochastic Control: A Math Programming & Discrete Opti	47.041	20,942
CMMI-1058436	MRI-RAPID: Characterization of Spill Oil Retention Enhancement Using Scalable	47.041	-14,036
CMMI-1120724	SNM:: Digital Optofluidic Self Assembly of Hetergeneous Metamaterials	47.041	438,061
CMMI-1120724	SNM: Doyle child	47.041	1,252
CMMI-1152550	Fab Eq - 3D Printing Apparatus	47.041	22,124
CMMI-1152550	Bio-Beams: Functionally Graded Rapid Design & Fabrication	47.041	56,143
CMMI-1153509	EAGER - Collaborative Research: New Concept of Sorption Hysteresis and Disj	47.041	32,362
CMMI-1156478	EAGER: Scaled Down Manufacturing	47.041	73,061
CMMI-1162182	EAGER: Ionic Liquid Ion Sources and Nanomanufacturing	47.041	8,594
DMI-0545910	CAREER: Distributed Multi-Agent Control and Optimization: Where Game Theor	47.041	46,752
ECCS-0644245	CAREER: Manipulating Microcomponents for Self-Assembly-Based Manufacturir	47.041	21,043
ECCS-0745237	CAREER: Practical Algorithms for Next Generation Air Transportation Systems	47.041	66,209
ECCS-0747501	CAREER: Digitally-Assisted Architectures for Next Generation RF Transceivers	47.041	-8,218
ECCS-0801549	Control Over Networks	47.041	79,924
ECCS-0823778	ROA Supplement	47.041	20,293
ECCS-0823778	Single Photon Detection in the Near and Mid Infrared by Using Superconductive	47.041	5,914
ECCS-0823778	Fabricated Equipment - Motorized TTP4 Probe Station.	47.041	-2,437

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Contract Number	Government Contract Title	CFDA#	FY Expenses
ECCS-0835623	Collaborative Research CDI-Type II Advanced Theory and Computational Metho	47.041	748,656
ECCS-0941043	CDI Type I: Collaborative Research: Integration of relational learning with ab-initi	47.041	117,347
ECCS-0968633	Development of Tunable THz Wire Lasers	47.041	100,847
ECCS-1001994	Organic Polariton Microcavities for Ultra-Low Energy Switching	47.041	105,558
ECCS-1002286	Octave Spanning Gain by Cavity Enhanced Optical Parametric Amplification	47.041	-14,420
ECCS-1027905	A New Paradigm for Understanding and Controlling Systemic Risks in Financial I	47.041	66,864
ECCS-1027922	Novel Game-Theoretic Tools and Solution Concepts with Applications to Networ	47.041	117,314
ECCS-1101798	Low Energy Magnetic Domain Wall Logic	47.041	56,891
ECCS-1101798	C Ross Child: Low Energy Magnetic Domain Wall Logic	47.041	113,601
ECCS-1102050	EPAS: Hierarchical Characterization of Optoelectronic Hyperdoped Silicon Devic	47.041	140,539
ECCS-1128147	Decision making under coupled multi-timescale uncertainty: advanced electric pc	47.041	80,055
ECCS-1128222	Engineering and Physics of Superconducting Nanowire Single-Photon Detectors	47.041	49,725
ECCS-1128226	Energy-Efficient Compressed Sensing: A Joint Algorithmic/Implementation Apprc	47.041	105,424
ECCS-1128437	Collaborative Research: Power Grid Spectroscopy	47.041	21,125
ECCS-1135843	CPS:Medium:Collaborative Research:Smart Power Systems of the Future:Found	47.041	14,330
EECS-1128439	Electric Field Control of Spin Dynamics in Metal Spintronic Devices	47.041	74,432
EECS-1135815	CPS: Medium: Collaborative Research: Co-Design of Multimodal CPS Architectu	47.041	131,890
EFRI-0735905	EFRI-ARESCI: Theory and Algorithms for Autonomous Reconfigurability of the N	47.041	312,939
EFRI-0735953	EFRI-ARESCI: Controlling the Autonomously Reconfiguring Factory	47.041	291,702
EFRI-0735956	EFRI-ARESCI: Foundations for Reconfigurable and Autonomous Cyber-Physica	47.041	300,107
EFRI-0735997	EFRI-CBE: A Multifaceted Approach to the Modeling of Angiogenesis	47.041	198,701
EFRI-0735997	Child Asada - 6915994	47.041	14,490
EFRI-0735997	Child Lauffenburger - 6915994	47.041	15,793
EFRI-0835947	Seung-EFRI	47.041	26,309
EFRI-0835947	Megretski-EFRI	47.041	69,702
EFRI-0835947	EFRI-COPN: Dynamics of Neural Networks on a Planar Patch-Clamp Array: Trai	47.041	412,092
EFRI-1023152	Layered Systems, Industries and Organizations	47.041	94,696
IIP-1217250	I-Corps Knowledge Markets	47.041	38,817
OCE-0752346	Dynamics of Eddies and Dipoles in the South Atlantic	47.041	62,004
	Total for 47.041		**13,549,818**

Contract Number	Government Contract Title	CFDA#	FY Expenses
CCF-0347776	CAREER: Fundamental Research in Geometric Folding	47.070	-2,384
CCF-0643836	CAREER: Acquisition, Approximation, and Compression - An Integrated Study	47.070	12,201
CCF-0702670	Extending the Power and Applicability of the Timed Input/Output Automata Fram	47.070	162,943
CCF-0726514	Theoretical Foundations for Reliable Computing in Unreliable Mobile ad Hoc Net	47.070	106,204

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CCF-0728554	Collaborative Research:Flow Level Models and the Design of Flow-Aware Netwo	47.070	87,568
CCF-0728645	Katabi Child	47.070	-355
CCF-0728645	Fast Approximate Algorithms for Wireless Sensor Networks	47.070	-3,503
CCF-0728645	Rubinfeld Child	47.070	7,180
CCF-0729011	New Handles on Program Correctness	47.070	41,342
CCF-0729069	Compressing Unordered Data: Theory, Algorithms, and Applications	47.070	-324
CCF-0810888	G&V: Physically Valid Simulation of Active Human Motion	47.070	68,768
CCF-0811397	CCF-CPA: Automatic Parallelization Using Semantic Commutativity Analysis	47.070	125,676
CCF-0811696	CPA-CPL: A Hardware-Design Inspired Methodology for Parallel Programming	47.070	46,478
CCF-0811724	Child - Kimerling	47.070	369,487
CCF-0811724	CPA-CSA-T: ATAC: Enhancing Multicore Programmability Through All-to-All Cor	47.070	132,219
CCF-0829421	EMT/QIS: Physics Based Approaches to Quantum Algorithms	47.070	155,600
CCF-0829672	Invariance in property Testing	47.070	56,524
CCF-0829878	Polyhedral Techniques for the Design of Approximation Algorithms	47.070	102,143
CCF-0829893	EMT/MISC: Collaborative Research: Harnessing Statistical Physics for Computi	47.070	11,350
CCF-0830100	Information Theory with Directions: Geometric Structure and Coordinates on the	47.070	36,631
CCF-0832997	Petabricks: A Language and Compiler for Scalability and Robustness	47.070	41,764
CCF-0832997	Petabricks: CSAIL	47.070	11,819
CCF-0836720	Colloborative Research: CDI-Type II: Discovery of Succinct Dynamical Relationsl	47.070	53,658
CCF-0843915	CAREER: Geometric Techniques for Algorithm Design	47.070	124,062
CCF-0904305	CIF: Medium Collaborative Research Understanding and Managing Interference	47.070	11,492
CCF-0904598	SHF: Medium: Collaborative Research: Throughput -Driven Multi-Core Architectu	47.070	185,750
CCF-0905244	SHF: medium: Exposing and Eliminating Errors at Component Boundaries	47.070	173,720
CCF-0937274	CCF-AF: Abstract MAC Layers	47.070	112,707
CCF-0937832	Collaborative Research: Programming Models and Storage System for High Perf	47.070	94,360
CCF-0937860	HECURA: Colaborative: Mutidimensional and String Indexes for Streaming	47.070	171,206
CCF-0953960	CAREER: Towards a Constructive Theory of Networked Interactions	47.070	99,172
CCF-0964106	SHF: Medium: Intelligent and efficient data movement for multicore systems	47.070	177,596
CCF-0964646	CIF: Medium: Collaborative Research: From Retroactivity to Modularity: Design	47.070	93,397
CCF-1008324	Collaborative Research: Enabling technology for On Chip networks	47.070	159,014
CCF-1008325	NSF Collaborative Research: CPA-CSA:CMP Architectures with Global Commur	47.070	60,870
CCF-1012042	AF: Large: Collaborative Research: Compact Representations and Efficient Algor	47.070	127,797
CCF-1017772	CIF: Small: Theory and Codes for Intermittent and Sparse Communication	47.070	5,202
CCF-1018064	TC:Small: Securing Programs and data in Remote and Hostile Environments	47.070	109,731
CCF-1036241	EAGER: Profile and Transformation Driven Automatic Parallelization with interact	47.070	32,813
CCF-1049406	EAGER: Human-Centered Software Synthesis	47.070	7,508

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CCF-1049457	Eager: Technologies for Elastic OS Services in fos	47.070	66,149
CCF-1058127	CIF: Medium: Collaborative Research: From Retroactivity to Modularity: Design a	47.070	79,973
CCF-1065125	AF:Medium:Taming massive data with sub-linear algorithms	47.070	165,872
CCF-1101147	ICES: Small: Decision Making with Bounded Categorization	47.070	78,154
CCF-1101491	A Probabilistic Look At Algorithmic Game Theory	47.070	40,969
CCF-1111109	AF: Large: Collaborative Research: Algebraic Graph Algorithms: The Laplacian a	47.070	74,068
CCF-1111337	AF:Large:Collaborative Research: Reliable Quantum Communication and Compu	47.070	14,954
CCF-1115159	Quantization for Acquisition and Computation Networks	47.070	4,527
CCF-1115849	AF:Small:New Approaches to Fundamental Problems in Network Design	47.070	110,749
CCF-1116362	SHF:Small:Human-Centered Software Synthesis	47.070	66,057
CCF-1116501	CIF: Small: Foundations for Intrinsically Secure Networks: the Role of Network In	47.070	9,618
CCF-1117381	AF:Small:Applied Algorithims:Tech Transfer from the Algorithims Toolbox II	47.070	169,008
CCF-1124247	NSF NEB - Child Lu	47.070	148,975
CCF-1124247	NSF NEB - Child Sarpeshkar	47.070	72,683
CCF-1124247	NEB: Integrated Biological and Electronic Computation at the Nanoscale	47.070	8,634
CCF-1138967	Collaborative Research: An Expedition in Computing for Compiling Functional Ph	47.070	14,516
CCF-1138986	Collaborative Research: Socially Assistive Robots	47.070	8,496
CCF-1161413	CIF:Medium:Space-from-Time Imaging: Fundamental Limits, Algorithms, and Pre	47.070	39,558
CCF-1162148	SHF AF Medium Collaborative Research The Ponchoir Stencil Complier	47.070	4,489
CNS-0546590	CAREER: Implementable Network Algorithms via Randomization, Belief Propaga	47.070	34,506
CNS-0626781	NETS-NBD: Architecture for Fast Reconfigurable WDM-based Networks	47.070	-4,950
CNS-0626800	NeTS-FIND: Future Optical Network Architectures	47.070	47,438
CNS-0707612	CRI: CRID: - Development of Alloy Tools, Technology and Materials	47.070	103,808
CNS-0708375	CRI: CRD Development of Lingitudinal Home Activity Datasets as a Shared Res	47.070	96,615
CNS-0715397	CSR-EHS: Virtual Node Abstraction Layers for Designing Embedded Systems	47.070	6,784
CNS-0715680	CT-ISG: Applications and Evolution of Trusted Platform Module Technology	47.070	2,466
CNS-0720029	CSR-PDOS: ISG: Collaborative Research: Building Distributed, Wide-area Applic	47.070	32,980
CNS-0721702	NeTS-WN: Bit-Switched Wireless Networks	47.070	60,433
CNS-0830961	NECO Cross-Layer Survivability in WDM-based Networks	47.070	137,909
CNS-0831442	CT-M: Theory and Practice of Accountable Systems	47.070	340,811
CNS-0831660	NeTS-NEDG: Adaptive Wideband Networks for the Multimedia Home	47.070	224,165
CNS-0831660	Fabricated Equipment - Wireless Testbed (Continuation of WBS 6923027)	47.070	4,075
CNS-0831664	Fabricated Equipment - Wireless Testbed	47.070	79,863
CNS-0831664	NeTS-ANET: One Video Multicast to Serve Diverse Wireless Receivers	47.070	139,225
CNS-0834239	CSR-DMSS,SM:Aeolus:Secure Support for Preserving Confidentiality and Integri	47.070	175,749
CNS-0834415	CSR-PSCE,SM:An Operating System for Multi-Core Processors	47.070	105,119

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Contract Number	Government Contract Title	CFDA#	FY Expenses
CNS-0836555	Future Innovative Network Design (FIND) Architecture Planning and Coordinatio	47.070	124,170
CNS-0915629	NeTS: Small: KPBase: Core of the Knowledge Place for Network Management	47.070	124,205
CNS-0931550	CPS:Medium: Vehicular Cyber-Physical Systems	47.070	230,698
CNS-0940520	Collaborative Research: BPC-DP: A Cultural Shift in Computer Science: Introduc	47.070	40,881
CNS-1016213	CSR:Small:Incremental Sampling Methods for On-line Reactive Motion Planning	47.070	42,755
CNS-1017058	CSR: Small: Using Thread-Local Memory Mapping to Support Memory Abstracti	47.070	157,888
CNS-1017800	TC: Small: Collaborative Research: Protecting Networks from Large-Scale Physi	47.070	4,942
CNS-1035199	CPS:MEDIUM:Collaborative Research: Geometric Distributed Algorithms for Mul	47.070	105,425
CNS-1040020	FIA: Collaborative Research: Mobility First: A Robust and Trustworthy Mobility	47.070	51,296
CNS-1040023	FIA: Collaborative Research: NEBULA: A Future Internet that Supports Trustwo	47.070	62,257
CNS-1040072	FIA: Collaborative Research: Architecting for Innovation	47.070	147,846
CNS-1046733	CAREER: A Partial Order Approach to Dynamic Feedback in Multi-agent Decisio	47.070	135,745
CNS-1053143	CAREER: System-Wide Intrusion Recovery Using Selective Re-execution	47.070	8,226
CNS-1065114	CSR:Medium:Collaborative Research:Programming parallel in memory data-cent	47.070	19,048
CNS-1111383	NeTS:Large:Collaborative Research: HyperFlow: A Novel Hybrid IP/ Flow Archit	47.070	106,822
CNS-1116294	CSR:SHF:Small:Propagator-Based Computing---A Programming Foundation for	47.070	80,178
CNS-1116864	NeTS:Small:Encryption on the Air:Non-Invasive Security for Wireless Medical De	47.070	24,407
IIS-0448124	Career: MACAQUE - Managing Ambiguity and Complexity in Acquisitional Query	47.070	-1,398
IIS-0448168	Career: Content and Cohesion Models with Applications to Text Summarization a	47.070	188,876
IIS-0546262	CAREER: Categorization and Identification of Visual Scenes	47.070	-46
IIS-0546467	Career: Model Probability Planning for Mobile Robots	47.070	20,613
IIS-0642971	CAREER: Computational Modeling of Spatial Activation Patterns in fMRI	47.070	30,801
IIS-0704424	III-COR - ChunkyStore: Physical Database Design for Next-Generation Database	47.070	181,276
IIS-0705647	HCC: Collaborative Research: Social-Emotional Technologies for Autism Spectru	47.070	19,785
IIS-0711891	III-COR: Collaborative Research: The Morpheus Data Transformation Manageme	47.070	-2,093
IIS-0712012	RI: Robot Manipulation Under Uncertainty	47.070	32,356
IIS-0746194	CAREER: Machine Learning Control of Underactuated Mechanical Systems	47.070	34,805
IIS-0747120	CAREER: Integrated System for Object and Scene Recognition	47.070	144,389
IIS-0827483	Collaborative proposal: Object and action recognition in time sequences of image	47.070	159,241
IIS-0835652	Katabi-Child	47.070	123,260
IIS-0835652	Barzilay-Child	47.070	36,975
IIS-0835652	CDI-Type II: Exploiting Collective Human Knowledge to understand and Evolve C	47.070	55,337
IIS-0844013	Collaborative Research: A Comparative Study of Approaches to Cluster-Based L	47.070	57,677
IIS-0855773	Collaborative Major Computation Textiles as Materials for Creativity: Participator	47.070	98,636
IIS-0904594	Computational Mechanisms for Storing Motor Memories in Noisy Neural Circuits:	47.070	252,775
IIS-0904625	Kanwisher Child	47.070	76,118

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Contract Number	Government Contract Title	CFDA#	FY Expenses
IIS-0904625	Finding Structure in the Space of Activation Profiles in fMRI	47.070	54,269
IIS-0915148	RI:Small:Randomized Feedback Motion Planning with Computational Lyapunov (	47.070	73,236
IIS-0963285	Collaborative Research: Measuring Collective Intelligence	47.070	186,048
IIS-0964004	III: Medium: Collaborative Research: Frankencamera - an open-source camera f	47.070	157,461
IIS-0964269	RI; Medium; Collaborative Research: Unlocking Biologically-Inspired Computer V	47.070	175,085
IIS-0968321	SoCS: The Climate Collaboratorium:A Tool for Large-Scale Model-Centric Collec	47.070	240,720
IIS-1002713	Major: Scratch 2.0: Cultivating Creativity and Collaboration in the Cloud	47.070	218,481
IIS-1010363	US-German Collaboration: The Role of Astrocytes in Information Processing	47.070	71,056
IIS-1016862	RI: Small: Hierarchial Visual Scene Understanding	47.070	71,601
IIS-1016998	HCC-Small: Tactile communication in human-computer interactions	47.070	250,428
IIS-1017862	High resolution tactile sensing	47.070	106,878
IIS-1017862	Srinivasan NSF Support	47.070	17,557
IIS-1017992	RI: Small: Plan Execution for Continuous Dynamical Risk Bounds	47.070	102,540
IIS-1018055	HC: Small: Enabling and Exploring Natural Interaction	47.070	72,634
IIS-1029585	Collaborative Research: Behavior Imaging: Enabling a Quantitative Science of E	47.070	225,271
IIS-1053235	CAREER: Material Computing for Everyone: Democratizing Creative Computing	47.070	127,132
IIS-1053398	CAREER Digital Privacy and Regulation	47.070	43,865
IIS-1064495	CAREER: Computing for Advanced Identity Representation	47.070	135,839
IIS-1065079	SHB: Collaborative Research:Medium:Novel Computational Techniques for Card	47.070	82,455
IIS-1065219	IIII: Medium Scalable and Secure Database as a Service	47.070	145,157
IIS-1111044	Collaborative Research: Programming with Crowds: Models and Tools for Gener	47.070	16,770
IIS-1111371	III Large: Collaborative Research: SciDB- An Array oriented Data Management	47.070	98,640
IIS-1111415	Matusik Child	47.070	72,610
IIS-1111415	RI:Large:Collaborative Research:Analyzing images through time	47.070	1,391
IIS-1115680	CGV:RI:Small:Inverse Light Transport under Femto-Photography and Transient I	47.070	53,642
IIS-1116057	Collaborative Research:HCC:Small:Cloud Primer: Leveraging Common Sense C	47.070	83,876
IIS-1116057	Fab-E TinkRBook	47.070	11,232
IIS-1116296	HCC:CGV:Small:Collaborative Research:From Virtual to Real	47.070	73,422
IIS-1116303	CGV: Small: Collaborative Research: Sparse Reconstruction and Frequency Ana	47.070	62,239
IIS-1116452	Collaborative Research:CGV:RI:Small:AdaCID:Adaptive Coded Imaging and Dis	47.070	67,070
IIS-1117093	Fabricated Equipment - Advanced Retinal Implant	47.070	93,711
IIS-1117093	HCC:Small:Packaging Optimization for Next-Generation Implantable Human-Cor	47.070	172,663
IIS-1117178	Fabricated Equipment - Optical Modern System	47.070	14,205
IIS-1117178	RI:Small:Collaborative Research:Adaptive Sampling with Robots for Marine Obs	47.070	25,695
IIS-1117325	RI:Small:Hierarchical Planning For Robots In Complex Uncertain Domains	47.070	22,796
IIS-1122886	Fab Eq - Augmented Play Table	47.070	3,604

Appendix A-1 - Detail
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Contract Number	Government Contract Title	CFDA#	FY Expenses
IIS-1122886	DIP: Collaborative Research: Social Robots as Mechanisms for Language Instru	47.070	99,720
IIS-1122886	Fab Eq - Dragonbot	47.070	18,798
IIS-1133224	EAGER: Underwater Optical Communication and Perception	47.070	18,559
IIS-1144663	EAGER :The Climate CoLab: A System for Very Large-Scale Model-Based Grou	47.070	99,165
	Total for 47.070		**12,777,524**

Contract Number	Government Contract Title	CFDA#	FY Expenses
AGS-0952853	ARRA - The Millstone Geospace Science Center	47.082	88,954
AGS-0959280	ARRA - MRI-R2: Development and Deployment of Automated Continuous Wave	47.082	87,796
AGS-0959280	ARRA - MRI-R2: Development and Deployment of Automated Continuous Wave	47.082	276,877
AST-0905592	ARRA - Collaborative Research: An Ultrastable Blue Astro Comb for Exoplanet a	47.082	19,563
AST-0908848	ARRA - Collaborative Research: Probing dark matter, dark energy & inflation witl	47.082	2,404
AST-0908884	ARRA - Low-Frequency Radio Transient Science with the MWA (Subcontract in y	47.082	31,816
AST-0908884	ARRA - Low-Frequency Radio Transient Science with the MWA	47.082	266,768
ATM-0842751	ARRA - Merging of Observations and Models for the Earth's Schumann Resonar	47.082	135,620
ATM-0844620	ARRA - Fab Eq - Reconnection Drive	47.082	7,629
ATM-0844620	ARRA - CAREER Three-Dimensional Onset and Evolution of Spontaneous Reco	47.082	355,733
ATM-0850639	ARRA - Collaborative Research Environmental control of Tropical Cyclone Activit	47.082	128,792
ATM-0852384	ARRA - Transport in Baroclinic Flows	47.082	153,435
ATM-0856093	ARRA - Studies of Plasmasphere Boundary Layer with a Distributed Array of Rac	47.082	166,299
BCS-0844472	ARRA - Collaborative Research: Bayesian Cue Integration in Probability-Sensitve	47.082	152,245
CBET-0854026	ARRA - Science and Engineering of Ion Concentration Polariztion and Enhanced	47.082	619
CBET-0941312	ARRA - CDI: Type I: Geometric Algorithms for Staged Nanomanufactoring	47.082	9,257
CCF-0844626	ARRA - CAREER: Efficient Computation in the Physical World	47.082	160,119
CMMI-0900255	ARRA - Linguistics-based preference information modeling for design decision-m	47.082	48,909
CNS-0915164	ARRA - CSR:Small: CoreTime:Dynamic Computation Migration for Multicore Sys	47.082	183,582
CNS-0915988	ARRA - NeTS: Small Collaborative Research: Effective Control of Wireless Netw	47.082	65,884
DMR-0845296	ARRA - CAREER: Non-equilibrium Dynamics in Cuprate Superconductors Studie	47.082	141,353
DMR-0855402	ARRA - Quantifying Material Microstructures with Quaternions	47.082	104,689
DMR-0906931	ARRA - Collaborative Research: Development of an Additive Selection Criteria b	47.082	84,254
DMR-0908627	ARRA - Materials World Network: In-situ Investigation of Model Multi-component	47.082	137,624
DMS-0844188	ARRA - CAREER: The Symplectic Categrory, Floer Field Theory, and Relations t	47.082	193,185
DMS-0853488	ARRA - FRG: Collaborative Research: Mathematical Modeling of Rechargeable I	47.082	123,747
DMS-0900233	ARRA - Heisenberg and Weil representations in noncommutative geometry	47.082	43,989
DMS-0900907	ARRA - W-algebras and Algebraic Group Actions	47.082	18,327
DMS-0948071	ARRA - FRG: Collaborative Research: Mathematical Modeling of Rechargeable I	47.082	314,820

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Contract Number	Government Contract Title	CFDA#	FY Expenses
EAR-0843358	ARRA - Microbial Structures in Neoproterozoic Cap Carbonates	47.082	30,103
EAR-0910618	ARRA - Structure and Deformation of the Crust and Upper Mantle Beneath SE Ti	47.082	62,358
EAR-0910644	ARRA - The Dynamics of Mantle-Melt Extractions Systems: A field and Theoretic	47.082	114,476
EAR-0910721	ARRA - New Theory and Methods for Rainfall Extremes	47.082	137,996
EAR-0931839	ARRA - Acquisition of a Thermal Ionization Mass Sprectrometer For EARTHTIME	47.082	11,067
ECCS-0844994	ARRA - CAREER: Circuit and System Techniques for High-Throughput, Energy-(	47.082	37,341
ECCS-0846628	ARRA - CAREER: Terahertz Electronics based on Nitride Nanowire Transistors	47.082	107,397
ECCS-0853470	ARRA - Fabricated Equipment - Micro-manipulator system for Terahertz Quantur	47.082	1,508
ECCS-0853470	ARRA - High Temperature Terahertz Quantum Cascade Lasers	47.082	47,092
ECCS-0900901	ARRA - Quantum Limits to Timing Jitter in Femtosecond Lasers	47.082	33,412
ECCS-0901034	ARRA - Cooperative Tracking in Harsh Environments: Statistical Framework and	47.082	58,462
ECCS-0901394	ARRA - Integrated Actuation, Alignment, and Latching for Assembled 3D MEMS	47.082	109,758
ECCS-0925147	ARRA - Collaborative Research: Stacked Controlled-Cell Power Conversion Arc	47.082	104,426
OCE-0926197	ARRA - Lead and Lead Isotopes Sample Collection and Analysis for the U.S. GE	47.082	227,749
OCE-0926372	ARRA - Collaborative Research: Were protists the beginning of the end for strom	47.082	44,217
OCE-0940422	ARRA - Collabroative Research: Microfluidc Assessment of Chemotaxis Towards	47.082	20,468
OCI-0904338	ARRA - Petascale Artic, Atlantic and Antartic Virtual Experiment	47.082	211,876
OCI-0926191	ARRA - Cloud-computing infrastructure and technology for education (C.I.T.E)	47.082	201,463
OCI-0943139	ARRA - VOSS: Empirical Analysis of Large-Scale Argumentation	47.082	47,247
PHY-0847843	ARRA - Neutrino Physics Off-Campus	47.082	271,458
PHY-0847843	ARRA - Neutrino Physics at MIT	47.082	10,677
PHY-0847843	ARRA - Fabricated Equipment Double Chooz Detector Slow Monitor Units	47.082	8,600
PHY-0847843	ARRA - Fabricated Equipment - Wavelength Shifting Plates and Rod	47.082	6,588
PHY-0847843	ARRA - Fabricated Equipment - 2.5L DCTPC	47.082	-1,528
PHY-0855052	ARRA - Fabricated Equipment - Atomic Clock Set up	47.082	146,442
PHY-0855052	ARRA - Atomic Ensembles Entangled by Light for Measurements Below the Star	47.082	189,582
PHY-0959057	ARRA - MRI-R2: Laser Acquisition and Modernization Program (LAMP) for Quan	47.082	223,677
PHY-1205175	Neutrino Physics at MIT	47.082	15,757
PHY-1205175	Neutrino Physics Off-Campus	47.082	49,125
	Total for 47.082		**6,033,083**

Contract Number	Government Contract Title	CFDA#	FY Expenses
AGS-0733510	Fab Eq - Rhino RX Receiver	47.050	712
AGS-0733510	Fabricated Equipment: TCA Safety Interface	47.050	6,027
AGS-0733510	Solar Maximum Studies at the Millstone Hill Observatory	47.050	1,700,632
AGS-0808831	Stratosphere-Troposphere Interactions	47.050	16,067

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Massachusetts Institute of Technology
Federal Research Support - On Campus
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Contract Number	Government Contract Title	CFDA#	FY Expenses
AGS-0940685	Collaborative Research: Intermittent Turbulence Study of Space Plasmas Using I	47.050	26,895
AGS-0944121	Tropospheric Anthropogenic Aerosols and Climate	47.050	148,792
AGS-1005480	Collaborative Research: Dispersion of particles within and above plant canopies	47.050	6,074
AGS-1023098	Space Weather Investigations: Ionospheric effects at the longitudes of maximum	47.050	211,332
AGS-1025467	Transition of the CEDAR Database to Madrigal	47.050	132,155
AGS-1032244	Collaborative Research: Convective Organization and Climate	47.050	53,192
AGS-1042622	Support for the CEDAR Science Steering Committee 2010-2012	47.050	11,036
AGS-1053648	CAREER: Understanding Chemistry, Transport and Fate of Mercury and Persist	47.050	106,771
AGS-1056225	CAREER: Photochemical aging of atmospheric organic aerosol: Chamber studies	47.050	133,093
AGS-1121026	Collaboration for the Development of an Advanced Geospace Radar	47.050	88,771
AGS-1136480	Collaborative Research: The Effect of Near-Equatorial Islands on Climate	47.050	28,176
AGS-1148594	Improved Understanding of Moist Atmospheric circulations Through an Effective	47.050	9,980
AGS-1202078	Theory of Trace Gas Distributions in the Lower Stratosphere and Near the Tropo	47.050	70,210
ATM-0734806	Collaborative Research: West African Mesoscale Convective Systems and their I	47.050	41,540
EAR-0003571	Proposal for Collaborative Research in Eastern Tibet: Evolution and Dynamics o	47.050	-236
EAR-0409373	Off Campus Account: Collaborative Research: Multi-disciplinary Experiments for	47.050	29,288
EAR-0409373	Collaborative Research: Multi-disciplinary Experiments for Dynamic Understandi	47.050	240,507
EAR-0451802	The Earth Time Network: Developing an Infrastructure for High-Resolution Calib	47.050	3,240
EAR-0507486	Collaboration Research Understanding the Causes of Continental Intraplate Tect	47.050	55,465
EAR-0538179	Experimental Investigations on the Role of H20 in Magmatic Processes	47.050	58,322
EAR-0544996	Collaborative Research: Earthscope integrated investigation of Cascadia subduc	47.050	59,671
EAR-0609905	Collaborative Research: Lower Crustal Flow, Shallow Fabric Development, and C	47.050	51,150
EAR-0643158	Collaborative Research: High Resolution Calibration of the Maastrichtian to Palec	47.050	-1,092
EAR-0711139	Microstructure of Marble: Comparison of Dislocation and Grain Structure Produce	47.050	89,077
EAR-0720253	Collab Res:Testing Orbital Forcing of Terrestrial Greenhouse Climate U/Pb Zirco	47.050	42,949
EAR-0738352	Predicting In-Canopy Velocity and Retention Time of Aquatic Canopies	47.050	183,224
EAR-0746205	Collaborative Research: Thermal Evolution of North American Lower Crust U-Pb	47.050	66,596
EAR-0757871	Collaborative Research: Multi-Scale Analysis of Mantle Discontinuities Using Inv	47.050	17,997
EAR-0807475	Collaborative Research: The Siberian Traps and the End-Permian Extinction: Co	47.050	88,322
EAR-0807476	Collaborative Research: The Siberian Traps and the End-Permian Extinction: Co	47.050	32,994
EAR-0807585	Collaborative Research: The Siberian Traps and the End-Permian Extinction: Co	47.050	237,595
EAR-0838488	Off Campus: Present-Day Kinematics and Dynamics of The Eastern Mediterrane	47.050	117,658
EAR-0838488	Present-Day Kinematics and Dynamics of The Eastern Mediterranean	47.050	126,072
EAR-0930166	Collaborative Research: Analytical Techniques and Software: Development of Cy	47.050	72,476
EAR-0944122	Understanding the Complexity of The 660-km Seismic Discontinuity	47.050	88,124
EAR-0946280	Environmental Determinants of Malaria Transmission in Africa: Hydrology of wat	47.050	85,389

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Contract Number	Government Contract Title	CFDA#	FY Expenses
EAR-0946634	Collaborative Research: Simultaneous Inversions of GPS Time Series for Kinem	47.050	42,508
EAR-0947969	Collaborative Research: Space-Based Measurements of Crustal Deformation Alc	47.050	27,033
EAR-0948388	Collaborative Research: tectonic links, magma fluxes, and single mineral geoche	47.050	44,975
EAR-0948438	Upgrade of the Alliance for Computational Earth Science (ACES) High Performar	47.050	74,975
EAR-0951672	Field and numerical studies of self-organization in high-order drainage networks	47.050	69,825
EAR-0951901	Collaborative Research: Multiscale travel time tomography of Earth's mantle to 1(	47.050	45,084
EAR-0968685	CSEDI Collaborative Research: Valence state of iron in the lower mantle	47.050	246,624
EAR-0968863	Collaborative Research: CSEDI - Grand Challenge for Experimental study of Pla:	47.050	27,618
EAR-1024196	Collaborative Research: High-Precision U-Pb Zircon Geochronology of the Late T	47.050	4,765
EAR-1045193	Collaborative Research: Characterization and Mechanistic Modeling of Methane	47.050	78,048
EAR-1045487	Collaborative Research: Postseismic deformation for the Ismit-Duzce, Turkey ear	47.050	51,137
EAR-1045673	The Perovskite to Post-Perovskite Phase Boundary in Mantle Rocks	47.050	154,586
EAR-1114161	Collaborative Research: Water and Carbon Dynamics in Tropical Peat Lands - C	47.050	46,571
EAR-1118562	Microstructure in Marble: Evolution of strength in natural and laboratory deformat	47.050	77,487
EAR-1118598	Experimental Investigations on the Role of H2O in Subduction Zone Processes	47.050	10,686
EAR-1118883	Collaborative Research: Evaluating the Influence of Eocene Ridge Subduction o	47.050	4,131
EAR-1141812	Interferometric Imaging of Subduction Zones	47.050	45,086
EAR-1159318	Physiological underpinnings of sulfur isotope effects produced by sulfate reducin	47.050	15,684
EAR-1219778	Collaborative Research: Absolute-dated records of Lake Quaternary paleohydrol	47.050	42,066
EAR-1226293	Off-Campus - EAGER: Determining When Earth's Magnetic Field Originated	47.050	3,229
EAR-1226293	EAGER: Determining When Earth's Magnetic Field Originated	47.050	1,646
OCE-0645529	CAREER: From the Lab to the Ocean: Experimental Modeling for Internal Tide G	47.050	125,173
OCE-0744641	CAREER: Motility of Marine Bacteria: Observing, Modeling, Teaching and Playi	47.050	21,348
OCE-0751358	Mass Exchange Between Flexible Submerged Canopies and Adjacent Open Wat	47.050	124,046
OCE-0824783	Collaborative Research: Fast Spin Up of Ocean General Circulation Models Usin	47.050	27,978
OCE-0825147	Geochronological and Geochemical Studies of Recently Dredged Basalt from the	47.050	97,114
OCE-0825376	Collaborative Research Critical Layers and Isopycnal Mixing in the Southern Oce	47.050	50,711
OCE-0849233	Collaborative Research: Quantifying The Kinetic Energy Pathways To Dissipatior	47.050	110,886
OCE-0849940	Cyanobacterial hopanoids: Function, Natural Distribution and Significance in the	47.050	75,290
OCE-0926204	Collaborative Research: Management and Logistics Operations for the U.S. GEC	47.050	23,400
OCE-0930866	Collaborative Research ETBC: Combined Experimental and Theoretical Study of	47.050	106,212
OCE-0960826	Collaborative Research: Impact of Bottom Boundary Layer Drag and Topographi	47.050	84,955
OCE-0960892	Collabroative Research: Growth of Oceanic Lower Crust: An Integrated High-Pre	47.050	42,000
OCE-0961711	Studies of Multiple Equilibria in Ocean-Atmosphere-Ice Simulations of Aquaplane	47.050	53,419
OCE-0961713	Collaborative Research: The Physics and Statistics of Global Sea Level Change	47.050	233,172
OCE-1024198	CMG Collaborative Research: From internal waves to mixing in the ocean	47.050	83,199

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Contract Number	Government Contract Title	CFDA#	FY Expenses
OCE-1029900	The Biogeography of primary producers in the subpolar North Atlantic	47.050	377,884
OCE-1048926	Collaborative Research Type 2 - MOBY: Modeling Ocean Variability and Biogeoc	47.050	201,535
OCE-1048976	RAPID: Collaborative Research: Deepwater Horizon:Simulating the three dimenti	47.050	16,760
OCE-1060735	Collaborative Research: Beyond the Instrumental Record - the Ocean Circulation	47.050	91,856
OCE-1061160	Collaborative Research: Causes and Effects of Shelf-edge Internal Tide Variabili	47.050	116,487
OCE-1129359	Linking single-cell growth rates and genomics of bacterioplankton	47.050	111,454
OCE-1129746	Collaborative Research: Submarine Melting of Greenland's Glaciers: What are th	47.050	14,313
OCE-1129757	Assessing the importance of deep ocean topographic scattering of low mode inte	47.050	27,861
OCE-1153588	Nitrate assimilation and the ecology of Prochlorococcus: Features and implicatio	47.050	22,632
OCE-1155295	Models of the Ocean Carbonate cycle and the Glacial-Interglacial CO2 Variations	47.050	2,447
	Total for 47.050		**7,892,139**

Contract Number	Government Contract Title	CFDA#	FY Expenses
BCS-0827094	Collaborative Research: Dynamics of Initial Trust and Cooperation: The Role of E	47.075	30,272
BCS-0842782	Collaborative Research: Global Measures of Tonal Alignment in a Level-Based T	47.075	18,485
BCS-0955818	CAREER: Typical and atypical development of brain regions for Theory of Mind	47.075	19,766
BCS-1023596	Collaborative Research: Integrating shape, scaling, and alignment in a global app	47.075	15,861
BCS-1134780	Automatic Detection of Cortical Networks Across Frequencies in Audiovisual Spe	47.075	143,335
SBE-0965259	Predictive Modeling of the Emergence and Development of Scientific Fields	47.075	154,714
SBE-0965364	Collaborative Research: New Methods to Enhance Our Understanding of the Div	47.075	41,681
SES-0550431	Collaborative Research: The American Mass Public in the 1930s and 1940s	47.075	-398
SES-0617744	Unemployment	47.075	43,798
SES-0729361	AOC: An Analytic Framework for Political and Social Change: Conflict, Beliefs, an	47.075	-257
SES-0729361	NSF Ozdaglar Child Account	47.075	16,739
SES-0729361	NSF Dahleh Child Account	47.075	2,445
SES-0752823	Collaborative Research: Research on Distributional and Quantile Methods in Ec	47.075	15,342
SES-0752935	Collaborative Research Social Networks and the Diffusion of Microfinance	47.075	54,463
SES-0825915	An Improved Model of Endogenous Technical Change Considering Uncertain R&	47.075	86,489
SES-1024619	Complexity, Uncertainty, and Macroeconomic Policy in the Global Economy	47.075	60,359
SES-1061841	Collaborative Research: Nonparametric Distributional and Quantile Methods in E	47.075	124,801
SES-1061889	Collaborative Research on Kidney Exchange with NBERI	47.075	31,992
SES-1123747	Collaborative Research: SBP: From School to Work: A Longitudinal Study of Ger	47.075	8,160
	Total for 47.075		**868,047**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DBI-0644282	CAREER Compartive Genomics and Biological Signal discovery in the Human G	47.074	57,692

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Contract Number	Government Contract Title	CFDA#	FY Expenses
DBI-0754339	IDBR: Field-Based Tomographic Microscopy Instruments	47.074	208,424
DBI-0754662	Collaborative Research: IDBR: VoxNet- A Deployable Bioacoustic Sensor Netwo	47.074	4,469
DBI-0821391	MRI: Acquisition of Computing Equipment for Research and Education in Compu	47.074	77,455
DBI-0852654	IDBR: Development of an Iso-dielectric Separation System for Large-Scale Quan	47.074	162,280
DBI-1120200	MPS-BIO: Collaborative Research: Physical Mechanisms Regulating Sperm Che	47.074	138,974
DEB-0918333	MSB: Genomics of Ecologically Defined Bacterial Populations	47.074	175,414
DEB-0936234	Assembling the Tree of Life: Can Phylogenomics Resolve Deep Phylogeny?	47.074	372,602
DEB-0948439	Collabroative Research: Metabolism of Boston	47.074	18,272
EF-1137306	Type 2: The Future of Ecosystems and Extremes: Using Diverse Environmental I	47.074	121,833
IOS-0824373	Collaborative Research: The Hemo-Neural Hypothesis	47.074	3,413
MCB-0543833	Crystallographic Snapshots of Adenosyl Radical Enzymes	47.074	153,135
MCB-0719120	Combinatorial Biosythesis of New Alkaloids in Periwinkle	47.074	647
MCB-0744483	Collaborative Research: Lathanide Binding Tags: Biophysical Tools for Investigat	47.074	29,902
MCB-0745638	CAREER: The Structure of Collagen and Collagenolysis	47.074	129,120
MCB-0844442	Career Dissecting the Molecular Determinants of Specificity in Two Component S	47.074	203,020
MCB-0950233	Coiled-coil modules for molecular engineering and synthetic biology	47.074	216,891
MCB-0968682	CAREER: Artificial Pattern Formation with Synthetic Gene Networks	47.074	96
	Total for 47.074		**2,073,639**

Contract Number	Government Contract Title	CFDA#	FY Expenses
IOS-1146634	Collaborative Research: evolution of Multicellularity: Fluid Mechanics of Feeding		13,482
	Total for undefined		**13,482**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DMS-1115406	Collaborative Research: A Field Expansion Method For Acoustic Scattering Fror	47.149	6,589
	Total for 47.149		**6,589**

Contract Number	Government Contract Title	CFDA#	FY Expenses
OCI-1027848	CDI-Type II: Collaborative Research: Preparing the Next Generation of Computa	47.080	432,209
OCI-1047955	SI2-SSE: SciDB- A Scientific Data Management System	47.080	177,341
OCI-1135423	Collaborative Research: CI-TEAM Demo: Harnessing Cyberinfrastructure for K-1	47.080	9,931
	Total for 47.080		**619,481**

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Contract Number	Government Contract Title	CFDA#	FY Expenses
ANT-0739726	Collaborative Research: High Precision U-Pb Geochronology of the Jurassic Fer	47.078	27,785
ANT-0944519	Parameterization of Tracer Transport By Geostrophic Eddies In the Southern Oc	47.078	181,101
ARC-0804150	Collaborative Proposal AOMIP Synthesis and Integration Activities to Improve M	47.078	11,243
ARC-0806228	Collaborative Research: TransArctic Paleoclimate of the Eocene	47.078	170,352
ARC-0806229	Collaborative Research: The Role of Microbial Food Webs in Carbon Fluxes and	47.078	22,605
ARC-0934404	CMG Collaborative Research: Enabling Ice Sheet Sensitivity and Stability Analys	47.078	185,696
ARC-1023499	Collaborative Research: An Eddy-permitting Arctic & Sub-Polar State Estimate fc	47.078	305,001
ARC-1118473	Collaborative Research: An Eddy-Permitting Arctic & Sub-Polar State Estimate F	47.078	39,927
	Total for 47.078		**943,710**

Contract Number	Government Contract Title	CFDA#	FY Expenses
OISE-1048974	Microbial Successions in the Aftermath of a Snowball Earth Event	47.079	203,215
OISE-1132813	Building an Ecology of Online Laboratories	47.079	12,393
	Total for 47.079		**215,608**

Contract Number	Government Contract Title	CFDA#	FY Expenses
DRL-0744213	CAREER: Curiosity, exploratory play, and the foundations of scientific inquiry	47.076	149,079
DRL-0917442	Mass Extinction: A Curated Game	47.076	499,439
DRL-1019228	DRK12-BioGraph: Graphical Programming for Constructing complex Systems Ur	47.076	479,094
DRL-1019396	ScratchEd: Working with Teachers to Develop Design-Based Approaches to the	47.076	635,218
DRL-1022684	Origins of numerical competence: Assessment of number sense in Piraha	47.076	77,678
DRL-1049718	Kreyol-Based and Technology-Enhanced Learning of Reading, Writing, Math, an	47.076	20,201
DRL-1118682	Collaborative Research: ScratchJr: Computer Programming in early childhood e	47.076	123,380
DUE-1043632	Mathematics Communication Space: Resource for Educators	47.076	73,231
DUE-1122616	Development and evaluation of StarCellBio: a cell biology experiment simulator f	47.076	166,661
	Total for 47.076		**2,223,981**

Contract Number	Government Contract Title	CFDA#	FY Expenses
IOS-1048133	Culturing the Uncultured: Custom Microfluidic Systems for Growth and Isolation c	47.047	156,356
	Total for 47.047		**156,356**
	Total for NSF		**65,216,784**
	Total for National Science Foundation		**65,216,784**
	Total On Campus Federal Research Support		**364,705,532**

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Total On Campus Federal Research Support	304,709,382

Appendix A-2 Detail
Massachusetts Institute of Technology
Schedule of Expenditures of Federal Awards - Lincoln Laboratory
By Sponsor & Contract - FY 2012

Sponsor	Program	Program Name		Total
DIRECT AWARDS				
DEPARTMENT OF DEFENSE				
AIR FORCE				
FA8721-05-C-0002	Various			314,774,785
ARMY				
FA8721-05-C-0002	Various			54,538,036
NAVY				
FA8721-05-C-0002	Various			27,847,611
DARPA				
FA8721-05-C-0002	Various			34,605,004
MDA				
FA8721-05-C-0002	Various			49,072,933
NSA				
FA8721-05-C-0002	Various			13,313,527
CLASSIFIED				
FA8721-05-C-0002	Various			116,537,220
OTHER DOD				
FA8721-05-C-0002	Various			157,560,529
TOTAL DEPARTMENT OF DEFENSE			**$**	**768,249,645**
NON-DEPARTMENT OF DEFENSE				
DOE				
FA8721-05-C-0002	Various			3,278,606
DHS				
FA8721-05-C-0002	Various			18,881,972
NASA-Prime				
FA8721-05-C-0002	Various			14,944,863
FAA				
FA8721-05-C-0002	Various			31,794,418
NOAA				
FA8721-05-C-0002	Various			4,644,963
OTHER Classified				
FA8721-05-C-0002				310,088
FA8721-05-C-0002				698,688
FA8721-05-C-0002				97,655
FA8721-05-C-0002				533,235
FA8721-05-C-0002				212,267
FA8721-05-C-0002				40,864
FA8721-05-C-0002				342,417
			$	2,235,214
Total Non-DOD			**$**	**75,780,036**
Total Direct Awards			**$**	**844,029,681**

Sponsor	Federal Contract Number	Program Name	Total
PASSTHROUGH AWARDS			
California Association for Research i	AST-0132798	Adv Adaptive Optics	18,065
Research Corporation of the Universi	FA9451-06-2-0338	OTA Dev. & Device Processing	240,224
Harvard University	3U54AI057159-6S1	ARRA - PANACEA Antiviral Therapeutics	23,916
University Corp. for Atmospheric Re	Z10-80484	University Corp. for Atmospheric Research	160,926
San Diego State University	N66001-08-02-0058	San Diego State University	340,895
Harvard University	5U54AI057159-08 REVISED	PANACEA NERCE	148,011
Brown University	HDTRA1-10-1-0013	Brown University Technology Transfer	73,381
Q-Peak STTR	DE-FG02-07ER86323	Cryo Laser Photoinjector	43,696
Applied Radar	W9113M09C0030	CDA Radar Modules	140,393
EOS Photonics	N68335-11-C-0431	Monolithic Beam-Combined Mwir Laser	39,045
Total Passthrough Awards			**$ 1,228,552**
Total Federal Expenditures			**$ 845,258,233**

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Harvard University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921775	23515.112096	Superfund Basic Research And Training Pr	93.143	-56,947
6923714	23515.112096	Superfund Basic Research And Training Pr	93.143	147,918
6924130	23515.112096	Fabricated Equipment: Superfund Research	93.143	34,310
6925385	23515.112096	Superfund Basic Research And Training Pr	93.143	33,600
6925493	23515.112096	Fabricated Equipment - Biogeochemical M	93.143	5,671
6926045	23515.112096	Superfund Basic Research And Training Pr	93.143	2,076
		Total for 93.143		**166,628**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925058	133534-5044541	Development Of A Diamond Nanoscale Magne	12.CCC	81,614
		Total for 12.CCC		**81,614**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920743	133512-02	Transport And Imaging Of Mesoscopic Phen	81.049	209,762
6923937	133512-02	Quantum Electronic Device Measurement Ap	81.049	9,725
		Total for 81.049		**219,487**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6914401	#123365	Science Of Nanoscale Systems And Their D	47.049	29,200
6914402	#123365	Science Of Nanoscale Systems And Their D	47.049	2,515
		Total for 47.049		**31,715**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920140	AGREEMENT NO. 123546	Control And Manipulation Of Casimir Forc	12.910	92,731
		Total for 12.910		**92,731**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923509	SUB # 149047.0846	New England Regional Center Of Excellenc	93.855	114,860
6925079	SUB 149047.5059022.1071	Nerp017: Genetic Analysis Of Innate Imm	93.855	101,402
6925110	SUBAWARD 160502-0873	Harvard University Center For Aids Resea	93.855	4,414
		Total for 93.855		**220,676**

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Massachusetts Institute of Technology
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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6915782	SUBAWARD NO. 133486-09	Muri - Fy07 Quantum Simulations Of Conde		12.800	199,024
6915914	SUBAWARD NO. 133486-09	Child - M. Zwierlein		12.800	120
6916411	SUBAWARD NO. 133486-08	Fabrication: Cold Atom Machine		12.800	51,728
6917810	SUBAWARD NO. 133486-08	Fabrication: Cold Atom Quantum Simulator		12.800	50,247
			Total for 12.800		**301,119**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925151	130759-5041928	Exploring Cryogenian Biological And Envi		43.001	30,502
			Total for 43.001		**30,502**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6916842	5013444-00-132502	Pancreatic Islet Design And Engineering		93.310	254,582
			Total for 93.310		**254,582**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924340	123662	Measuring, Understanding, And Responding		12.31	155,540
			Total for 12.31		**155,540**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923592	01-137270	Mapping Regional Innovation Clusters		11.303	61,679
			Total for 11.303		**61,679**
			Total for Harvard University		**1,616,273**

University of Southern California

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920416	137760	Intelligent Coordination And Adaptive Cl		12.300	91,043
6920504	138802	Antidote: Adaptive Networks For Threat A		12.300	109,475
6921645	138802	Fabricated Equipment: Optically-Guided U		12.300	368
6926002	137760	Fab Eq: Autonomous Boat Testing System		12.300	3,012
			Total for 12.300		**203,898**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921489	P.O. 141193	Neuromorphic Visual System For Intellige		12.CCC	68,187

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921551	P.O. 141193	Desimone Child Account	12.CCC	77,691
		Total for 12.CCC		**145,878**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922218	PO 119512/EAR-0529922	Child Account: Collaborative Research Sc	47.050	22,849
		Total for 47.050		**22,849**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918062	137768	Neo Vision Ii - Interim Research	12.910	-1,447
		Total for 12.910		**-1,447**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920793	138822	ARRA - Ri: Medium: Deciphering National Languag	47.082	92,916
		Total for 47.082		**92,916**
		Total for University of Southern California		**464,094**

Busek Company, Incorporated

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923199	AGMT. DTD. 12/14/10	Variable Thrust/Specific Impulse Electro	12.CCC	173,285
6923900	N00014-11-M-0193	Sttr - Massive Arrays Of Monodisperse Na	12.CCC	35,076
6924380	N00014-11-M-0193	Fabricated Equipment - Interferometer Li	12.CCC	10,810
6924439	FA9300-11-C-0008	Busek Electrospray Thruster For Cubesat	12.CCC	15,000
6925980	AGMT. DTD. 5/23/12	Ultra-High Density Ion Propulsion From I	12.CCC	2,604
		Total for 12.CCC		**236,775**
		Total for Busek Company, Incorporated		**236,775**

University of Memphis

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925964	ANTICIPATED COST LETTER DTD 5/25/12	Design And Implementation Of Negative Au	12.91	28,793
		Total for 12.91		**28,793**
		Total for University of Memphis		**28,793**

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Ohio State University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925945	60030782-PO RF01288377	Role Of Stress-Induced Reduction In Lact		93.213	2,302
			Total for 93.213		**2,302**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922848	60023980	Developing A Scientific Workforce Analys		93.859	-1,254
6924149	60032145	Developing A Scientific Workforce Analys		93.859	82,524
			Total for 93.859		**81,270**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925099	GRT00025765/60033326	Iii-V/Active-Si Integration For Low-Cost		81.087	1,354
			Total for 81.087		**1,354**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922491	RF01224242	Cryogenic Peltier Cooling		12.800	137,111
6923049	RF01224242	Cryogenic Peltier Cooling - Child Millie		12.800	104,721
			Total for 12.800		**241,832**
			Total for Ohio State University		**326,758**

Trevigen, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925944	AGREEMENT DATED 5/30/12	Sbir: Dna Repair-On-A-Chip: Spatially En		93.113	3,286
			Total for 93.113		**3,286**
			Total for Trevigen, Inc.		**3,286**

Louis Berger International, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925928	CJF311B3	Cornell-Dubilier Electronics Superfund S		12.CCC	192
			Total for 12.CCC		**192**
			Total for Louis Berger International, Incorporated		**192**

Brookhaven Science Associates, LLC

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6915975	123339	Development Of Low Mass Triple-Gem Chamb		81.CCC	-28
6918383	137005	Construction Of The Forward Gem Tracker		81.CCC	420,290
6919664	137005	Fabricated Equipment-Star Forward Gem Tr		81.CCC	106,584
6923974	192272	Design, Fabrication, Integration And Tes		81.CCC	81,824
6924870	192272	Ist Mechanical		81.CCC	31,110
6924871	192272	Ist Electrical		81.CCC	108,901
6924873	192272	Ist Management		81.CCC	6,596
6924874	192272	Ist Assembly And Integration Of Ids		81.CCC	57,226
6925912	192272	Fabricated Equipment - Ist Electrical		81.CCC	5,097
6925913	192272	Fabricated Equipment - Ist Assembly		81.CCC	116
			Total for 81.CCC		**817,716**
			Total for Brookhaven Science Associates, LLC		**817,716**

University of California-San Diego

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924845	P.O. 10320917	Task 1.2.6 Freeman Child		12.CCC	5,299
6924846	P.O. 10320917	Task 1.1.2 Raskar Child		12.CCC	97,314
6925874	P.O. 10320917	3D Computational Optic Systems For Soldi		12.CCC	52
			Total for 12.CCC		**102,665**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922644	10307757	Ocean Observatories Initiative		47.050	208,540
			Total for 47.050		**208,540**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922643	10307756	ARRA - Ocean Observatories Initiative		47.082	-31,005
			Total for 47.082		**-31,005**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920513	PO #10261302-005	Center For Nanotechnology For Treatment,		93.399	99
			Total for 93.399		**99**
			Total for University of California-San Diego		**280,299**

Supercon

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925509	STTR AGMT. DTD 9/1/11	Development Of High Current 2G Hts Condu		81.049	74,969
6925873	PO NO. 104708	Development Of Joint Methods For 2G Hts		81.049	9,968
			Total for 81.049		**84,937**
			Total for Supercon		**84,937**

Harvard Medical School

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921904	149734.386545.0323	Clinical Translational Science Award (Ct		93.389	-9,062
6923713	027343.386541.04214	Harvard Clinical And Translational Scien		93.389	24,607
6923869	149734.386545.0423	Clinical Translational Science Award (Ct		93.389	307,194
6925868	TBD	Clinical Translational Science Award (Ct		93.389	21,660
			Total for 93.389		**344,399**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922704	149581-0502	The Role Of Cdk5 In The Dna Damage Respo		93.866	163,663
			Total for 93.866		**163,663**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923188	HMS FUND # 151844	Year 19 Birt T15 Training Grant - Robert		93.879	22,022
6923189	HMS FUND # 151844	Year 19 Birt T15 Training Grant - Ying Z		93.879	5,829
			Total for 93.879		**27,851**
			Total for Harvard Medical School		**535,913**

Rutgers University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925862	4677/PO#S1685723/ACCT#434428/ORGID10648	Collaborative Research: Transient Behavi			22,209
			Total for undefined		**22,209**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924848	4482/PO#S1579843/ACCT#433885/ORGID10648	Transient Behaviors Of Adapting Biologic		93.859	159,874

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925174	4482/PO#S1579843/ACCT#433885/ORGID10648	Fabricated Equipment - Pressure Control	93.859	4,632
		Total for 93.859		**164,506**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917789	1043530/4-29429/10578	Afirm: Langer Nerve Project	12.420	177,316
6918003	00003418/4-29429/10578	Bioactive Polymer Scaffolds For Repair O	12.420	17,799
6919730	00003418/4-29429/10578	Afirm: Langer Ear Project	12.420	-34,202
6922010	W18XWH-08-2-0034	Isolation And Expansion Of Native Vascul	12.420	223,415
		Total for 12.420		**384,328**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922031	SUBAWARD #4000 - PO #S1363788	ARRA - Genome-Wide Chromatin Modification Targe	93.701	99,739
		Total for 93.701		**99,739**
		Total for Rutgers University		**670,782**

Valador, Inc.

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925860	AGMT DTD 3/28/12	Nasa Innovative Mars Habitat Design Conc	43.CCC	35,563
		Total for 43.CCC		**35,563**
		Total for Valador, Inc.		**35,563**

Oak Ridge Associated Universities

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922200	4000102892	Consortium For Advanced Simulation Of Lw	81.CCC	-1,387
6923805	4000102892	Pre-Awd Kazimi Mpo Task 1	81.CCC	1,957
6923807	4000102892	Pre-Awd Yildiz Mpo Task 3	81.CCC	1,562
6923808	4000102892	Pre-Awd Yip Mpo Task 4	81.CCC	-174
6923810	4000102892	Pre-Awd Buongiorno Mnm Task 1	81.CCC	76,152
6923811	4000102892	Pre-Awd Forget Mnm Task 2	81.CCC	-30,946
6923812	4000102892	Pre-Award Equipment Summary	81.CCC	9,558
6923815	4000102892	Postawd Kazimi Mpo Clad	81.CCC	171,600
6923816	4000102892	Postawd Demkowicz Mpo Gtrf	81.CCC	113,551

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923817	4000102892	Postawd Yildiz Mpo Crsn	81.CCC	180,936
6923818	4000102892	Postawd Yip Mpo Crud	81.CCC	4,548
6923820	4000102892	Postawd Buongiorno Mnm Th	81.CCC	289,601
6923821	4000102892	Postawd Forget Mnm Rt	81.CCC	144,143
6923822	4000102892	Postawd Directors	81.CCC	64,942
6923823	4000102892	Postawd Equipment	81.CCC	14,590
6923824	4000102892	Postawd Education	81.CCC	26,663
6925060	4000109825	Consortium For Advanced Simulation Of Lw	81.CCC	323,143
6925510	4000102892	Mpo Ballinger Crsn	81.CCC	59,612
6925511	4000102892	Mpo Kamrin/Parks Gtrf	81.CCC	6,660
6925512	4000102892	Mpo Yip Gtrf	81.CCC	6,423
6925513	4000102892	Mgt/Voc	81.CCC	4,194
6925855	4000102892	Li/Short Mpo Crud	81.CCC	4,432
		Total for 81.CCC		**1,471,760**
		Total for Oak Ridge Associated Universities		**1,471,760**

UChicago Argonne, LLC

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919456	9F-30982	Feasibility Study For Leu Conversion Of	81.CCC	688,141
6923460	9F-30982	Fab Eq - Onb Flow Loop	81.CCC	60,360
6925853	AWARD #2J-30101-0002A	Fuel Plate Heat Transfer Area Measuremen	81.CCC	32,232
6925854	AWARD #2J-30101-0001A	Safety Analysis Of Accidents And Transie	81.CCC	29,513
		Total for 81.CCC		**810,246**
		Total for UChicago Argonne, LLC		**810,246**

Boston University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922340	450000228	Muri: Topic #2 Adaptive Cognitive Maps F	12.300	190,926
6923207	450000228	Muri: Topic #2 Adaptive Cognitive Maps F	12.300	148,487
6923208	450000228	Muri: Topic #2 Adaptive Cognitive Maps F	12.300	166,126
6924377	4500000552	Muri: Utilizing Synthetic Biology To Cre	12.300	18,107
6924737	4500000552	Bu-Onr-Child Lu	12.300	131,095
6924738	4500000552	Bu-Onr-Child Weiss	12.300	113,860
6924739	4500000552	Bu-Onr-Child Voigt	12.300	201,422
		Total for 12.300		**970,023**

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917890	4500000220	A Sounding Rocker Measurement Of D/H Rat	43.CCC	55,048
		Total for 43.CCC		**55,048**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920709	SUBAWARD NO. 4500000222	Crcns: Gamma Rythms And Cell Assemblies	93.853	157,157
6925849	SUBAWARD NO. 4500000222	Fabricated Equipment - Virtual Reality E	93.853	836
		Total for 93.853		**157,993**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922626	GC208173NGC	Complex Chemotypes: Discovery, Methodolo	93.859	76,021
6924814	4500000646	Complex Chemotypes: Discovery, Methodol	93.859	95,589
		Total for 93.859		**171,610**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924758	4500000571	Synthetic Mammalian Gene Regulatory Circ	12.431	127,125
		Total for 12.431		**127,125**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922469	GC208148NGA	Efri-Seed Framework For Advanced Sustain	47.041	195,419
		Total for 47.041		**195,419**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6915087	SUBCONTRACT NO. GC 198598 NGA	Interstellar Boundary Explorer (Ibex) Sc	43.000	-11,473
		Total for 43.000		**-11,473**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921761	LTR. AWARD GC-208001NGA 4500000224	Slc Center: Celest: A Center For Learnin	47.075	417,783
		Total for 47.075		**417,783**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922936	4500000227	Cognitive Rhythms Collaborative: A Disc	47.049	127,688

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923882	GC208258NGA	Fab Equipment: Wired 1000Channel System		47.049	122
			Total for 47.049		**127,810**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919961	NO. GC206380NGC	Image-Guided Intracardiac Beating Heart		93.837	-4,206
			Total for 93.837		**-4,206**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919757	GC 206006NGD	Invetigation Of Ionospheric Turbulence &		12.800	85,271
			Total for 12.800		**85,271**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924888	4500000674	Prefrontal And Medial-Temporal Interacti		93.242	176,245
			Total for 93.242		**176,245**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924445	SUBAWARD NO. 4500000555	Auditory Feature And Conjunction Process		93.173	43,449
			Total for 93.173		**43,449**
			Total for Boston University		**2,512,097**

University of Pittsburgh

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917732	0001271	Spatial Segregation Of Cell Functioning		93.859	88,124
6925825	0025089 (120548-1)	Spatial Segregation Of Cell Functioning		93.859	4,253
			Total for 93.859		**92,377**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923091	0013954 (118082-3)	Novel Glaucoma Diagnostics For Structure		93.867	56,978
			Total for 93.867		**56,978**
			Total for University of Pittsburgh		**149,355**

Draper Laboratory Incorporated

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922035	SC001-453	Opinion Formation And Influence In Confl	12.CCC	-4,820
6922097	SC001-453	Opinion Formation And Influence In Confl	12.CCC	24,333
6922250	SC001-474	A Core Microfluidic Technology For Bacte	12.CCC	-7,635
6922493	SC001-0000000466	Multi-Spectral Sensor Development For No	12.CCC	16,283
6923669	SC001-547	Aggregative Contingent Estimation (Ace)	12.CCC	321,409
6924141	SC001-555	Energy Management Within Microgrids: Mod	12.CCC	104,432
6924159	SC001-474	A Core Microfluidic Technology For Bacte	12.CCC	109,365
6924178	SC001-0000000556	Chip-Scale Atomic Sensors Beyond The Sta	12.CCC	73,106
6924308	SC001-559	Robust Collision Avoidance Planning Algo	12.CCC	99,709
6924327	SC001-560	Compressive Sensing For Image Feature Ex	12.CCC	67,232
6924581	SC001-453	Fy12 Irad -Yr2	12.CCC	124,456
6925295	SC001-589	Recovery Algorithms For Folded Compressi	12.CCC	8,840
6925819	SCOO1-0000000636	Human Social Cultural And Behavioral Sci	12.CCC	24,110
		Total for 12.CCC		**960,820**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922442	SC001-484	Envelope: Glycan Chemistry	12.431	1,920
6924912	SC001-484	Envelope: Glycan Chemistry	12.431	56,190
		Total for 12.431		**58,110**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922703	SC001-417	Microfluidic 3D Scaffold Assay For Cance	93.396	-24,131
6924691	SC001-417	Microfluidic 3D Scaffold Assay For Cance	93.396	54,120
		Total for 93.396		**29,989**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925223	SC001-587	Dialysis Like Therapeutics (Dlt)	12.RD	270,191
		Total for 12.RD		**270,191**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925206	SC001-0000000593	Algorithms To Limit Viral Epidemics (Ali	12.910	26,394
		Total for 12.910		**26,394**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925106	SC001-592	Research Opportunities In Space And Eart	43.001	6,687

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		Total for 43.001		**6,687**
		Total for Draper Laboratory Incorporated		**1,352,191**

Sandia National Laboratories

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919233	611557	Bayesian Data Assimilation For Stochasti	81.CCC	55,108
6920907	AGREEMENT # 611557 P.O. # 960114	Tunable Thermodynamics And Kinetics For	81.CCC	-2,275
6921072	PO#966279, AGREEMENT #611557	Deep Borehole Disposal Of Spent Nuclear	81.CCC	75,700
6921362	971321	Quantifying Prediction Fidelity In Multi	81.CCC	37,198
6922572	PO #1059747 UNDER 611557	Micro- And Nanophotonics For A 2X2 Array	81.CCC	91,018
6923172	PO #1086844 UNDER 611557	Germanium Optoelectronics	81.CCC	29,304
6923413	PO #1072678 UNDER 611557	Research For Next Generation Biofuels An	81.CCC	86,319
6924315	PO #1151093 UNDER 611557	Broadband Information Transduction Via O	81.CCC	143,157
6925814	PO#1240287 UNDER 611557	Effects Of Load, Fatigue And Support On	81.CCC	26,105
		Total for 81.CCC		**541,634**
		Total for Sandia National Laboratories		**541,634**

Honeywell

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923373	PO 4202808649	Cleen Technologies Development	20.106	75,652
6925813	PO 4204413358	Cleen Technologies Development - Option	20.106	19,463
		Total for 20.106		**95,115**
		Total for Honeywell		**95,115**

Columbia University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921054	1(ACCT # 5-22620)	Petascale Hierarchial Modeling Via Paral	81.049	49,384
		Total for 81.049		**49,384**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923058	1(ACCT#5-21132)	Theory Columbia	12.431	99,304
6923059	1(ACCT#5-21132)	Experiment-B Columbia	12.431	192,626
6923060	1(ACCT#5-21132)	Experiment-W Columbia	12.431	128,239
6923146	1(ACCT#5-21132)	Fab Equip: 1560-Nm Ppktp Waveguide Param	12.431	4,507

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923176	1(ACCT#5-21132)	Fab Equip: Four High Speed Ingaas Single	12.431	356
6925452	1(ACCT#5-21132)	Fabricated Equipment - Two High-Speed In	12.431	5,148
6925797	1(ACCT#5-21132)	Fabricated Equipment - Dip-Probe	12.431	4,886
		Total for 12.431		**435,066**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925765	1 (ACCT. #5-25165)	Ri:Small:Statistical Machine Translation	47.070	35,922
		Total for 47.070		**35,922**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6914853	3-5-32255 UDR. NIH R01	Stem Cells And Gastric Cancer	93.393	17,018
6917022	5-32460	Mouse Models Of Gastric Cancer	93.393	65,158
		Total for 93.393		**82,176**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920909	3 (ACCT # 5-24747)	ARRA - Collaborative Research: Enhancing The Su	47.082	30,964
		Total for 47.082		**30,964**
		Total for Columbia University		**633,512**

Brigham & Women's Hospital

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921995	103891	Neuroimaging Analysis Center	93.389	2,250
6924385	103891	Neuroimaging Analysis Center	93.389	83,389
6924810	103891	Neuroimaging Analysis Center (Nac)	93.389	27,861
		Total for 93.389		**113,500**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922997	106368	National Alliance For Medical Image Comp	93.286	10,443
6922998	106370	National Alliance For Medical Image Comp	93.286	-9
6924357	106368	National Alliance For Medical Image Comp	93.286	178,444
6924358	106370	National Alliance For Medical Image Comp	93.286	24,653
6925790	107958	Development Of Fcrn-Targeted Nanoparticl	93.286	12,933
		Total for 93.286		**226,464**

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925473	106335	High-Throughput Identification Of Tissue	93.172	24,427
		Total for 93.172		**24,427**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923168	106458	Informatics For Integrating Biology And	93.704	32,157
6923484	106462	Informatics For Integrating Biology And	93.704	54,291
6925028	106458	Informatics For Integrating Biology And	93.704	145,893
6925373	106462	Informatics For Integrating Biology And	93.704	14,618
		Total for 93.704		**246,959**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922081	105750	Examining Firm Adhesion And Transmigrati	93.837	70,094
6925261	107667	Dii4 In Macrophage Activation	93.837	5,717
		Total for 93.837		**75,811**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922210	106028	Network Analysis Of Signal Transduction	93.847	9,912
		Total for 93.847		**9,912**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923485	BWH 102908	Letter Agreement: Michael Mi	93.000	4,676
		Total for 93.000		**4,676**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921384	LETTER AGREEMENT 1-27-10	Letter Agreement: Philip Rolfe	93.310	-592
		Total for 93.310		**-592**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920576	104771	ARRA - Inhibition Of Microflora-Induced Colitis	93.701	39,634
		Total for 93.701		**39,634**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919188	U54-LM008748-06	Informatics For Integrating Biology And	93.879	-576

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		Total for 93.879		**-576**
WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922066	105888	Engineered Induction Of A Stem Cell Homi	93.939	188,906
		Total for 93.939		**188,906**
		Total for Brigham & Women's Hospital		**929,121**

Lincoln Laboratory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6898674	PO 3070557+7000049429	Npoess Program Science Team Support	12.CCC	23,139
6917259	PO NO. 7000031361	Campus/Lincoln Photonics Initiative	12.CCC	59,333
6919347	PO #7000066344	Support Of The Radio Communication Link	12.CCC	206,907
6919415	PO 7000063327	Dynamically Composable Systems	12.CCC	107,359
6919498	7000067510	Ultrabroadband Em Field Generation From	12.CCC	-9,049
6919653	PO 7000074210	Joint Position-Amplitude Modeling For Co	12.CCC	105,174
6919750	PO 7000074667	Variabllity Compensation Techniques For	12.CCC	207,993
6919752	7000071112	Characterization Of Micromilling For Rap	12.CCC	312
6919781	PO 7000077806	Information Access For Multi-Sensor Deci	12.CCC	65,650
6919832	7000077762	Completion Of Radiometer System On Upgra	12.CCC	29,212
6919982	PO #7000079784	Optimization Of Airport Configurations	12.CCC	69,616
6920361	PO 7000082206	Demonstration Of Reduced Surface Emissio	12.CCC	164,076
6920775	7000087748	Architecture Study Of Defense Communicat	12.CCC	255,026
6920982	7000092117	Precision, Monolithic Flexure Mechanisms	12.CCC	-12,067
6921371	PO 7000099499	Social Behavior Prediction Study	12.CCC	29,454
6921635	PO #7000105486	Characterizing Coherence In Long-Lived S	12.CCC	317,671
6921652	PO #7000105211	Exploratory Development Of Gan Silicon P	12.CCC	762
6921685	P.O. 7000105224	Advanced Communication Techniques For Bl	12.CCC	15,191
6921720	PO #7000107287	Development Of Control Algorithm And Imp	12.CCC	12,304
6921897	7000077762	Fabrication - Radiometer Pointing System	12.CCC	173
6921970	7000114032	Bio-Inspired Cellular Systems	12.CCC	118,335
6922524	7000122737	Micromas Cubesat	12.CCC	56,096
6922560	7000128865	Studies Of Snspd Jitter	12.CCC	19,591
6922621	PO NO. 7000031361	Campus/Lincoln Photonics Initiative - Ko	12.CCC	32,761
6922746	7000122737	Fabricated Equipment - Cubesat	12.CCC	19,975
6922828	7000126589	The Airtraffic Flow Management Problem I	12.CCC	114,854
6922829	7000126525	Small Deployable Uav Systems	12.CCC	149,320
6923001	PO #7000132120	Husir Proj, Network, Admin Mgmt 1247-112	12.CCC	3,668
6923002	PO #7000132120	Ssa Admin Proj & Network 1800-12	12.CCC	33,012
6923004	PO #7000132120	Ssa Sys Eng Mhr 1800-213	12.CCC	142,467

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923005	PO #7000132120	Ssa Sys Eng Lrir 1800-214	12.CCC	63,888
6923006	PO #7000132120	Ssa Sys Eng Hax 1800-215	12.CCC	77,883
6923007	PO #7000132120	Ssa Mission Execution Analysis 1800-542	12.CCC	58,320
6923008	PO #7000132120	Debris Data Collection 10102-14	12.CCC	30,549
6923009	PO #7000132120	Firepond Optics 331-83032	12.CCC	2,530
6923010	PO #7000132120	Husir Integration & Testing 1247-25	12.CCC	131,751
6923013	7000132466	Lincoln Laboratory-Mit Joint Research On	12.CCC	274,172
6923053	PO #7000066344	Support Of The Radio Communication Link	12.CCC	12,843
6923089	7000146526	Computational Sensing	12.CCC	58,324
6923198	7000130142	Polarization Entaglement Sources With Hi	12.CCC	115,380
6923230	7000136110	Exploratory Development Of Gan Silicon P	12.CCC	225,488
6923342	7000130142	Fab Equipment: Fiber Coupled 780-Nm Pump	12.CCC	27,714
6923360	7000130142	Fab Equipment: Telecom-Band Polarizatio	12.CCC	15,381
6923367	7000142874	Technical Support Of Dep Cell Sorting	12.CCC	49,913
6923385	7000139390	High Power-Per-Weight Organic Solar Cell	12.CCC	114,915
6923392	7000130142	Cavity Downconversion Source	12.CCC	7,938
6923394	7000139220	Autonomous Robot Control Via Autonomy Le	12.CCC	78,776
6923444	7000143598	Topological Insulation For Quantum Nanoe	12.CCC	73,288
6923505	PO 7000143501	4.155 Masters Of Architecture Studio - D	12.CCC	142,189
6923506	7000126525	Fabricated Equipment - Locusts Mirco-Uav	12.CCC	11,522
6923521	7000139180	Development Of The Micro-X Sounding Rock	12.CCC	98,214
6923523	7000130142	Fabricated Equipment: Two High Speed Ing	12.CCC	4,042
6923583	PO 7000147668	Program 2209-3703: Robotic Arm And Envir	12.CCC	19,106
6923598	7000139380	Task Planning For Sensor-Based, Multi-Ua	12.CCC	60,673
6923642	7000147334	Compact Low-Power Ccd Electronics Packag	12.CCC	49,552
6923685	7000147776	A Knowledge Discovery Framework For Thre	12.CCC	78,947
6923693	PO 7000147774	Development Of A Microfluidic Gene Assem	12.CCC	75,379
6923709	PO 7000147775	Collaborative Mapping And Point-Of-Inter	12.CCC	59,743
6923783	7000151056	Designing Optimal Clinical Trials For Ca	12.CCC	68,193
6923967	PO 7000147775	Fabricated Equipment - Wearable Mapping	12.CCC	2,286
6924009	PO NO. 7000031361	Campus/Lincoln Photonics Initiative - M.	12.CCC	29,787
6924137	PO #7000159534	Fingerprint Imaging With Ultrasonic Acou	12.CCC	51,909
6924430	PO 7000159789	Onchip Miniature Optical Isolator	12.CCC	13,985
6924693	7000167306	Demonstration Of A Metastable Rf Squid Q	12.CCC	55,906
6924753	PO 7000167206	Auv System Modification For Long Enduran	12.CCC	83,049
6924802	PO 7000172094	Nanopore-Coupled Surface Enhanced Raman	12.CCC	52,276
6924852	PO 7000170673	Ll/Mit Research Initiative On Advanced E	12.CCC	91,118
6924890	PO 7000173472	Us Transcom Living Plan Project	12.CCC	232,660
6924935	PO #7000174667	Husir Admin Mgmt 1247-112 Fy2012	12.CCC	9,490

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924936	PO #7000174667	Husir Integration + Testing 1247-25 Fy20	12.CCC	309,667
6924937	PO #7000174667	Ssa Admin Project + Network 1800-12 Fy20	12.CCC	85,412
6924939	PO #7000174667	Ssa Sys Eng Mhr 1800-213 Fy2012	12.CCC	378,551
6924940	PO #7000174667	Ssa Sys Eng Lrir 1800-214 Fy2012	12.CCC	239,586
6924941	PO #7000174667	Ssa Sys Hax 1800-215 Fy2012	12.CCC	256,429
6924942	PO #7000174667	Ssa Mission Execution Analysis 1800-542	12.CCC	165,564
6924943	PO #7000174667	Debris Data Collection 10102-14 Fy2012	12.CCC	33,540
6924944	PO #7000174667	Firepond Optics 331-83032 Fy2012	12.CCC	22,467
6924945	PO #7000174667	Mission Support 10087-11 Fy2012	12.CCC	2,891
6924994	PO #7000174667	Radar Reliability Improv 35-8060	12.CCC	22,369
6924995	7000174664	Phase Ii: Demonstration Of Reduced Surfa	12.CCC	70,973
6925129	PO 7000179605	Volume Hologram Filter Development For M	12.CCC	3,941
6925166	PO 7000180267	Human-Machine Team Planning	12.CCC	64,728
6925167	PO 7000180264	Single-Spatiotemporal-Mode Photons For Q	12.CCC	45,820
6925177	PO 7000180079	Energy Efficient Frequency-Agile Radio F	12.CCC	99,416
6925198	PO 7000180623	Computational Modeling Collaboration	12.CCC	7,076
6925300	PO 7000167206	Fabeq: Unmanned Underwater Vehicle (Uuv)	12.CCC	25,697
6925358	PO 7000181751	Natural Language Query For Extracting Kn	12.CCC	32,964
6925360	PO 7000183422	In Vitro And In Vivo Analysis Of Optical	12.CCC	53,036
6925434	PO #7000184872	Support Of The Radio Communication Link	12.CCC	109,836
6925435	PO 7000186174	Detector Characterization Of Enable Spac	12.CCC	48,348
6925436	PO #7000174667	Servo Engineering 1247-6181 Fy2012	12.CCC	66,749
6925516	PO 7000186588	10 Kv Gan-On-Silicon Transistors For Mid	12.CCC	125,746
6925545	PO 7000186174	Fabricated Equipment - Intrapixel Test B	12.CCC	12,352
6925546	PO 7000180248	Micromas	12.CCC	18,327
6925651	PO 7000180264	Fabricated Equipment - Parametric Down-C	12.CCC	5,550
6925657	PO 7000180248	Micromasfm Fabricated Equipment	12.CCC	1,180
6925784	PO # 7000193736	High-Fidelity Dispersive Readout Of A Su	12.CCC	49,763
		Total for 12.CCC		**7,405,372**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925037	PO 7000176101	Rare Earth Spatial/Spectral Barcodes For	81.CCC	59,352
6925218	PO 7000182281	Trust Framework For Sociological Sensing	81.CCC	10,395
		Total for 81.CCC		**69,747**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921079	PO# 7000094649	Isr Deep Structure Translation (Idst)	12.910	72,350
		Total for 12.910		**72,350**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924246	PO 7000162136	Electrophoretic Infiltration Of Superwic		12.000	23,044
			Total for 12.000		**23,044**
			Total for Lincoln Laboratory		**7,570,513**

University of California - Berkeley

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925374	SUB # 7822 PO # 2000087747	Self-Sustaining Thorium Boiling Water Re		81.CCC	40,670
			Total for 81.CCC		**40,670**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914137	SA5211-11087	Uc Berkeley/Muri Willsky Child		12.431	33,377
6919274	SA5211-11087	Fisher - Child		12.431	17,974
			Total for 12.431		**51,351**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914148	SA5284-11210	Synberc: Child Prather		47.041	254,980
6914149	SA5284-11210	Synberc: Child Knight		47.041	-6,216
6914151	SA5284-11210	Synberc: Child Rettberg		47.041	268,209
6917043	SA5284-11210	Synberc: Child Kuldell		47.041	39,982
6921117	SA5284-11210	Synberc:Synthethic Biology Engineering		47.041	6,176
6921118	SA5284-11210	Synberc:Synthethic Biology Engineering		47.041	195,607
6921230	00006934	Nsec: Center For Scalable & Integrated N		47.041	130,348
6923299	00007444	Research		47.041	168,082
6923300	00007444	Management		47.041	43,961
6923301	00007444	Equipment		47.041	252,808
6923302	00007444	Research		47.041	233,103
6923303	00007444	Research		47.041	168,418
6923304	00007444	Research		47.041	209,819
6923305	00007444	Research		47.041	183,194
6923306	00007444	Research		47.041	175,532
6923638	00007481	A Study Of Fidelity In Systems Level Des		47.041	64,946
6924793	SA5284-11210	Synberc:Synthethic Biology Engineering		47.041	204,283
6925775	00007444	Research - Swager		47.041	20,655
			Total for 47.041		**2,613,887**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921266	00006900	Modeling Analysis And Control Of Distrib		47.070	121,115
			Total for 47.070		**121,115**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923514	00007454/PO 2000018838	Supercdms Soudan		47.049	100,471
			Total for 47.049		**100,471**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921299	00006931/PO 1607607	Nano-Electro-Mechanical Technologies And		12.910	117,027
			Total for 12.910		**117,027**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920545	SUBAWARD #00006517	Thermodynamics Of Large-Scale Heterogene		12.800	101,141
			Total for 12.800		**101,141**
			Total for University of California - Berkeley		**3,145,662**

CREARE, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923333	SUBCONTRACT NO. 60081	Current Leads For High Current Supercond		12.300	134,157
6925764	SUBCONTRACT NO. 60081	Fab Eq - Cable With Superconducting Tape		12.300	367
			Total for 12.300		**134,524**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922854	58249	Light Field Imaging For Dense Sprays		12.CCC	17,599
6924035	60979	Wave Font Imaging For Dense Sprays		12.CCC	26,782
6925009	SUBCONTRACT NO 63228	Sttr: Wave Front Imaging For Dense Spray		12.CCC	7,412
			Total for 12.CCC		**51,793**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922483	SUBCONTRACT NO. 58351	Sttr: Development Of Advanced Radiative		43.CCC	215,305
			Total for 43.CCC		**215,305**
			Total for CREARE, Incorporated		**401,622**

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Quantum Signal LLC

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918601	AGMT. DTD. 9/5/08	Sttr: A Unified Approach To Sensor Based	12.CCC	4,940
6918602	AGMT. DTD. 9/5/08	Sttr: Efficient Stochastic Mobility Pred	12.CCC	4,137
6924764	AGMT. DTD. 9/23/11	Sttr: Terrain-Dependent Driving Control	12.CCC	53,214
6925729	SUBAWARD AGMT DTD MAY 15, 2012	High Performance Terrain Modeling	12.CCC	73,449
		Total for 12.CCC		**135,740**
		Total for Quantum Signal LLC		**135,740**

University of California

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923078	1015GNA126	Knowledge Representaion, Reasoning And L	12.300	49,863
6923297	1015GNA126	Knowledge Representaion, Reasoning And L	12.300	26,767
6925029	1015GNA126	Year 3 Torralba	12.300	92,533
6925030	1015GNA126	Year 3 Tenenbaum	12.300	26,333
		Total for 12.300		**195,496**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925057	SUBAWARD NO. 0130 G PA291	Dynamic Metabolic Model Building Based O	81.049	20,198
		Total for 81.049		**20,198**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921633	SUBCONTRACT NO. 2090-S-MA838	Dawn A Journey To The Beginning Of Teh S	43.CCC	94,374
		Total for 43.CCC		**94,374**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919767	KK9151-1	Icb Task 1 Manalis	12.431	203,182
6919782	KK9151-7	Icb Task 7 Administration	12.431	51,080
6919783	KK9151	Icb Task 3 Lauffenburger	12.431	259,361
6919784	KK9151	Icb Task 4.1: Spinning - Belcher	12.431	221,159
6919785	KK9151	Icb Task 4.2: Virus - Belcher	12.431	346,071
6920091	KK9151-13	Icb Task 13 Belcher	12.431	142,280
6923979	KK9151	Icb Task 3- Fraenkel	12.431	167,169

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923986	KK9151	Icb - Task 5 Prather		12.431	106,707
6923987	KK9151	Icb - Task 5 Doyle		12.431	100,511
6924037	KK9151	Icb Task 4 Ortiz		12.431	193,982
6924426	KK9151-22	Icb Task Order 22: Imaging Of Self-Organ		12.431	250,329
6925494	KK9151	Icb Task 4 Voigt		12.431	159,869
6925721	KK9151-1	Icb Task 1 Weiss		12.431	70,628
			Total for 12.431		**2,272,328**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6915229	SUBAWARD NO. 1000 G HE149	Us Cms Operations At The Lhc		47.049	-110
6915249	SUBAWARD NO. 1000 G HE149	Cms Tier - 2		47.049	275,051
6915250	SUBAWARD NO. 1000 G HE149	Cms M&O 07 Daq		47.049	400,522
6915251	SUBAWARD NO. 1000 G HE149	Cms M&O 07 Silicon Tracker		47.049	53,063
6916764	SUBAWARD NO. 1000 G HE149	Fabrication: Tier-2 Computing Facility		47.049	223,626
6920136	SUBAWARD NO. 1000 G HE149	Cms Tier - 2 - Off-Campus		47.049	95,047
			Total for 47.049		**1,047,199**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914696	1580 G HF563	Pathologic Protein Folding And Human Dis		93.866	56,606
			Total for 93.866		**56,606**
			Total for University of California		**3,686,201**

Space Telescope Science Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899477	HST-GO-10518.01-A	Dark Matter And The Misssing Imaging Of		43.000	5,071
6920971	HST-GO-111838.01-A	Completing A Flux-Limited Survey For X-R		43.000	134
6921065	HST-GO-11730.01	Continued Proper Motions Of The Magellan		43.000	2,397
6922949	HST-GO-12008.03-A	Primoridal Formation Of Close Binaries I		43.000	19,259
6923688	HST-GO-12261-01-A	Resolving The Pictor A Jet		43.000	16,389
6925695	HST-GO-12746.01-A	Close Binary Populations In Metal-Rich G		43.000	413
			Total for 43.000		**43,663**
			Total for Space Telescope Science Institute		**43,663**

Pennsylvania State University

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923097	S11-06	Superconducting Cyclotron With Integral		12.CCC	598,550
6923448	S11-07	2.1 Cyclotron Design & Analysis		12.CCC	270,790
6923449	S11-07	2.2 Magnet & Charging Circuit		12.CCC	1,338,740
6923450	S11-07	2.3 Rf System		12.CCC	985,566
6923451	S11-07	2.4 Cyclotron Systems		12.CCC	74,839
6923452	S11-07	2.5 Instrument-Ation & Controls		12.CCC	130,486
6923453	S11-07	2.6 Neutronics Simulation & Beam Dump		12.CCC	70,582
6923454	S11-07	2.7 Radiation Effects & Safety		12.CCC	66,523
6925637	S12-07	Sonar Ping Evading Cloak For Autonomous		12.CCC	6,776
			Total for 12.CCC		**3,542,852**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6895256	2834-MIT-SAO-4018	Data Analysis Of The Advanced Ccd Imagin		43.CCC	878,903
			Total for 43.CCC		**878,903**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924565	4482-MIT-NSF-0437	Ionic Electroactive Polymer Actuators Wi		47.041	26,299
6925694	4625-MIT-NSF-8264	Creating Opportunities For Adapation Bas		47.041	4,325
			Total for 47.041		**30,624**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924378	4463-MIT-AFOSR-0192	Unconventional High Density Vertically A		12.800	40,054
			Total for 12.800		**40,054**
			Total for Pennsylvania State University		**4,492,433**

Raytheon BBN Technologies Corp.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925682	P11412-BBN	Narrative Networks		12.CCC	1,869
			Total for 12.CCC		**1,869**
			Total for Raytheon BBN Technologies Corp.		**1,869**

UT- Battelle LLC

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921880	4000091126	Design Of Magnets For The Neutron Beamli		81.CCC	-2,145
6923222	SUBCONTRACT NO. 4000100452	Iter Ech Transmission Line System: Resea		81.CCC	214,443
6924562	SUBCONTRACT NO. 4000107637	New Evaluations Of Cu-63 And Cu-65		81.CCC	44,026
6924711	SUBCONTRACT NO. 4000107099	Cs Conductor Performance Evaluation		81.CCC	18,056
6924877	SUBCONTRACT 4000109855	Assessing Electric Cooling Capacity Of T		81.CCC	49,438
6925601	SUBCONTRACT NO. 4000111680	Quench Detection In Iter Cs		81.CCC	44,160
6925664	SUBCONTRACT NO. 4000112961	Document Review And Development Of Iter		81.CCC	25,706
			Total for 81.CCC		**393,684**
			Total for UT- Battelle LLC		**393,684**

Zona Technology, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925663	AGMT. DTD. 3/22/12	Sensitivity Analysis For Complex, Multid		12.CCC	3,378
			Total for 12.CCC		**3,378**
			Total for Zona Technology, Inc.		**3,378**

Institute for Financial Management and Research

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925661	AGRMT DTD. 4/10/2012	Bihar Voters - 2011		98.001	17,998
			Total for 98.001		**17,998**
			Total for Institute for Financial Management and Research		**17,998**

University of Illinois-Urbana Champaign

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925648	2010-04478-01	Optimizing The Nonlinear Optical Respons		47.041	11,936
			Total for 47.041		**11,936**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918707	SUBAWARD NO. 2008-02016-3, GRANT CODE A3718	Uiuc Muri: Passive And Active Control Of		12.800	134,543
			Total for 12.800		**134,543**
			Total for University of Illinois-Urbana Champaign		**146,479**

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University of Michigan

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923477	SUBCONTRACT NO. 3001719385	Neec - Techet	12.CCC	169,699
6923478	SUBCONTRACT NO. 3001719385	Neec - Patrikalakis	12.CCC	78,115
6925267	SUBCONTRACT NO 3002139437	Creation Of The Naval Engineering Educat	12.CCC	74,610
6925396	SUBCONTRACT NO 3002139437	Neec Patrikalakis Child	12.CCC	107,494
6925491	SUBCONTRACT NO 3002139437	Neec Administrative Cost Child	12.CCC	53,550
		Total for 12.CCC		**483,468**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923720	3001735556	Airborne Microwave Observatory Of Subcan	43.CCC	175,492
		Total for 43.CCC		**175,492**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924853	SUBCONTRACT 3001996313	Value-Centered Information Theory For Ad	12.431	84,091
6924976	SUBCONTRACT 3001996313	Child-How	12.431	69,378
		Total for 12.431		**153,469**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921877	SUBCONTRACT # 3001478930	Subaward Umich: Cps: Small: Control Of D	47.070	71,286
		Total for 47.070		**71,286**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921217	3001431889	Ground Network Design And Dynamic Operat	43.000	145,860
		Total for 43.000		**145,860**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925645	3002219006	Cerc-Cvc: Heywood Yr 1-2	81.087	77,034
6925646	3002219006	Cerc-Cvc: Shao-Horn Yr 1-2	81.087	17,034
6925647	3002219006	Cerc-Cvc: Ceder Yr 1-2	81.087	9,797
		Total for 81.087		**103,865**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917323	SUBCONTRACT #3000913650	Michigan/Afrl Collaborative Center For C	12.800	210,966
6920740	SUBCONTRACT NO. 3001117357	C2Uav Human Supervisor Control Extension	12.800	51,862

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924558	3002085646	Michigan/Afrl Collaborative Center In Co	12.800	50,483
		Total for 12.800		**313,311**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924108	3001889485	Geomach: Geometry Fo Mdao Of Aircraft C	43.002	19,108
		Total for 43.002		**19,108**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922859	3001772291	ARRA - Goali: Hybrid Dynamic Feedback For Parti	47.082	34,109
		Total for 47.082		**34,109**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921585	SUBCONTRACT NO. 3001396971	A University Consortium On High Pressure	81.117	112,064
		Total for 81.117		**112,064**
		Total for University of Michigan		**1,612,032**

BBN Technologies Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920544	PO 9500008942	Coherent Control, Characterization And N	12.CCC	38,746
6920572	PO 9500008941	Phase Ii: Characterization And Integrati	12.CCC	71,695
6922043	PO 9500008393	Option Vi - Phase V	12.CCC	-692
6923037	BBN REF ID #13901	Piecomm Theory	12.CCC	112,597
6923038	BBN REF ID #13901	Piecomm Experiment-W	12.CCC	93,986
6923039	BBN REF ID #13901	Piecomm Experiment-B	12.CCC	226,997
6923068	PO #9500010544	Integrated Cognitive Neuroscience Archit	12.CCC	556,727
6923167	PO 9500010547	Biocompiler	12.CCC	34,088
6924564	PO 9500010798	Multi-Language Wireless Communication-Ba	12.CCC	43,849
6925111	PO# 9500011034 BBN 13974	Mobile Reality Analysis For Psychologica	12.CCC	493,514
6925286	PO #9500010544	Integrated Cognitive Neuroscience Archit	12.CCC	430,038
6925307	P.O. #9500010426; BBN REF ID #13901	Piecomm Theory	12.CCC	90,651
6925308	P.O. #9500010426; BBN REF ID #13901	Piecomm Experiment - W	12.CCC	36,740
6925309	P.O. #9500010426; BBN REF ID #13901	Piecomm Experiment B	12.CCC	150,122

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925448	PO 9500010798	Multi-Language Wireless Communication-Ba	12.CCC	39,157
6925644	PO# 9500011034 BBN 13974	Fab Eq - Sociometer System	12.CCC	18,949
		Total for 12.CCC		**2,437,164**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921483	PO # 9500010219	ARRA - Design Of An Information Substrate For M	47.082	7,013
		Total for 47.082		**7,013**
		Total for BBN Technologies Corporation		**2,444,177**

University of California-Santa Barbara

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917883	KK8152	Muri - Jesus Del Alamo	12.300	189,488
6917884	KK8152	Drift Muri - Tomas Palacios	12.300	138,531
6917885	KK8152	Muri - Carl Thompson	12.300	130,008
6922506	KK1104	Mine Muri Add On : New Technologies For	12.300	10,775
6923035	KK 1131	Define Dielectric Enhancements For Innov	12.300	281,068
		Total for 12.300		**749,870**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923710	KK6142-06	Development Of Cdkd5 Inhibitors	93.853	179,685
		Total for 93.853		**179,685**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925317	KK1238	Multi-Scale Systems Biology Of Military-	12.431	1,083
6925612	KK1238	Multi-Scale Systems Biology Of Military-	12.431	28,900
		Total for 12.431		**29,983**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923170	SUBAGREEMENT KK1124	Photonic Integration For Coherent Optics	12.910	84,785
		Total for 12.910		**84,785**
		Total for University of California-Santa Barbara		**1,044,323**

Applied Physical Sciences Corp.

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924396	APS 11-15 3352-005	Dsop Subtask 1.3		12.CCC	91,283
6924397	APS 11-15 3352-006	Dsop Subtask 1.4		12.CCC	15,023
6924398	APS 11-15 3352-007	Dsop Subtask 1.5		12.CCC	18,028
6925122	APS-11-15-3352-215 ST 2.1	Dsop Subtask 2.1		12.CCC	100,732
6925123	APS-11-15-3352-215 ST 2.2	Dsop Subtask 2.2		12.CCC	36,388
6925603	APS-11-15-3352-215 ST 2.3	Dsop Subtask 2.3		12.CCC	17,200
6925604	APS-11-15-3352-215 ST 2.4	Dsop Subtask 2.4		12.CCC	45,544
6925605	APS-11-15-3352-215 ST 2.5	Dsop Subtask 2.5		12.CCC	28,157
6925606	APS-11-15-3352-215 ST 2.6	Dsop Subtask 2.6		12.CCC	25,671
6925607	APS-11-15-3352-215 ST 2.7	Dsop Subtask 2.7		12.CCC	38,889
			Total for 12.CCC		**416,915**
			Total for Applied Physical Sciences Corp.		**416,915**

Vanderbilt University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925141	VU-DSR #21807-S7	Meta Design Flow Definition And Implemen		12.CCC	39,916
6925193	VU-DSR #21806-S7	Meta Multi Model Language Suite For Cybe		12.CCC	94,089
6925543	VU-DSR #21807-S8	Meta Ii Design Flow And Implementation		12.CCC	68,722
			Total for 12.CCC		**202,727**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924218	VUMC 38312	The Vanderbilt Institute For Clinical An		93.389	38,633
			Total for 93.389		**38,633**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924991	VUMC 38902	Child - Gifford		93.847	53,995
			Total for 93.847		**53,995**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922351	VUMC36112	Etiological Studies Of Gastric Carcinoma		93.393	60,827
6924552	VUMC36112	Etiological Studies Of Gastric Carcinoma		93.393	218,781
			Total for 93.393		**279,608**
			Total for Vanderbilt University		**574,963**

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Los Alamos National Security, L.L.C.

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918244	SUBCONTRACT: 67870-001-08	Lanl/Mit Science Algorithms And Methods	81.CCC	40,865
6919303	SUBCONTRACT: 72297-001-09: TASK 1	Task 1: Lanl Ldrd-Dr Project Enhanced Ra	81.CCC	6,192
6920437	SUBCONTRACT: 78966-001-09	Miniboone Neutrino Experiment	81.CCC	-4,319
6920708	SUBCONTRACT: 72297-001-09: TASK 2	Task 2: Extreme Environment-Tolerant Mat	81.CCC	166,397
6921950	85554-001-10	Conceptual Design For The Construction O	81.CCC	48,161
6923901	SUBCONTRACT 139843-1	Framework And Models For Ice Sheet Dynam	81.CCC	127,211
6925156	SUBCONTRACT 160097-1	ARRA - Advancing Our Understanding Of Photonic	81.CCC	64,391
6925204	AGMT749674-001-10: 170233-1	Stochastic Modeling Of Wind Turbines	81.CCC	24,472
6925382	SUBCONTRACT: 176683	Pmt Testing Specialist For Los Alamos Na	81.CCC	19,923
6925533	SUBCONTRACT 176003-1	Pb-Bi Corrosion Resistant Alloy Developm	81.CCC	30,196
		Total for 81.CCC		**523,489**
		Total for Los Alamos National Security, L.L.C.		**523,489**

University of Wisconsin-Madison

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925532	375K351	Resistance And Resiliency In A Natural H	93.859	24
		Total for 93.859		**24**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919979	SUBAWARD 124K784	Basic Studies Of Disbributed Limiters Fo	12.800	134,440
		Total for 12.800		**134,440**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918294	036K282	Global Benchmarking Project Springboard	98.002	20,688
6918295	036D282	Basis Grant - Ifmr Expenses	98.002	5,000
		Total for 98.002		**25,688**
		Total for University of Wisconsin-Madison		**160,152**

Aurora Flight Sciences Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922331	AGMT DATED 8/4/10	Adaptive Turbine Engine Control For Stal	12.300	-231

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			Total for 12.300		**-231**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918857	AFS09-0058	Ops-Users Phase Ii		12.CCC	71,230
6924059	AFS11-0391	Mothercube For Cubesat-Based Synthetic A		12.CCC	20,341
6924074	AFS11-0343	Darpa System F6 Technical Area 4		12.CCC	174,761
6925161	AFS11-1225	Autonomous Landing At Unprepared Site Fo		12.CCC	4,331
6925186	AFS11-0391	Lozano Mothercube Child		12.CCC	16,358
6925498	AFS12-0208	Cubesat Electrospray Thruster Assembly		12.CCC	10,383
6925499	AFS12-0207	Distributed Satellite Systems		12.CCC	23,107
			Total for 12.CCC		**320,511**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922047	AFS10-0234	Sbir: A Robust Flare Planning Logic For		43.CCC	107,917
6922882	AFS10-0736	Multi-Robot Planetary Exploration Archit		43.CCC	101,114
6923231	AFS10-0736	Multi-Robot Planetary Exploration Archit		43.CCC	-3,466
6924614	AFS11-1222	Spheres Mosr Rdos Phase 2		43.CCC	92,516
			Total for 43.CCC		**298,081**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919489	NX09CA65C	Synthetic Imaging Maneuver Optimization		43.000	17,647
6924254	AFS11-0557	Aurora Sbir Phase Ii		43.000	76,022
			Total for 43.000		**93,669**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922175	AFS10-0454	Afrl Sbir Phase Ii Coordinated Sensor Fu		12.800	94,183
6922843	AFS10-0823	Afrl Sttr Phase Ii Development Of Multid		12.800	101,955
			Total for 12.800		**196,138**
			Total for Aurora Flight Sciences Corporation		**908,168**

BAE Systems, PLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925496	797597	Finder Program		12.CCC	2,348
			Total for 12.CCC		**2,348**
			Total for BAE Systems, PLC		**2,348**

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Burke Medical Research Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925488	DE3849-01C	Transcranial Direct Current Stimulation		93.865	72,455
			Total for 93.865		**72,455**
			Total for Burke Medical Research Institute		**72,455**

Advanced Conductor Technologies LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925486	AGMT. DTD. 2/20/12	Rebco Coated Conductor Cables For Fusion		81.049	18,736
			Total for 81.049		**18,736**
			Total for Advanced Conductor Technologies LLC		**18,736**

National Bureau of Economic Research, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925482	'SUBAWARD NO. 223557000796617000	Year 1 Expenses-Property Tax Experiment:		47.075	39,811
			Total for 47.075		**39,811**
			Total for National Bureau of Economic Research, Inc.		**39,811**

California Institute of Technology

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899926	67F-1080867	Muri - Caltech		12.300	16,996
			Total for 12.300		**16,996**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6304100	PC045667	Detector Alignment Design	47.049	328
6304200	PC045667	Detector Length Control Design	47.049	95
6304300	PC045667	Laboratory Operations	47.049	14
6760400	PC045667	Stachastic Forces S&W	47.049	-6
6917531	SUBAWARD NO. 75ADV-1085563	C.O.40.M.Laa Core Optics - Salaries And	47.049	1,255
6917533	SUBAWARD NO. 75ADV-1085563	Fm.40.M.Laa Facilities Modifications - S	47.049	-2,352
6917535	SUBAWARD NO. 75ADV-1085563	Project Management - Salaries And Wages	47.049	465,621
6917537	SUBAWARD NO. 75ADV-1085563	System Engineering - Salaries And Wages	47.049	174,160
6917539	SUBAWARD NO. 75ADV-1085563	Si.12.M.Laa Seismic Lead - Salaries And	47.049	154,019

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917541	SUBAWARD NO. 75ADV-1085563	Seismic Fabrication - Salaries And Wages	47.049	241,227
6917543	SUBAWARD NO. 75ADV-1085563	Ao.40.C.Laa Auxiliary Optics Systems	47.049	65,116
6917545	SUBAWARD NO. 75ADV-1085563	Suspensions Fabrication - Salaries And W	47.049	137,090
6918488	SUBAWARD #68D-1086050	Powering The Planet: A Chemical Bonding	47.049	230,660
6918489	SUBAWARD #68D-1086050	Powering The Planet: A Chemical Bonding	47.049	258,245
6918865	SUBAWARD #68D-1086050	Powering The Planet: A Chemical Bonding	47.049	375,148
6918882	SUBAWARD NO. 75-1086390	Ligo Operations: Detector Alignment Desi	47.049	467,270
6918883	SUBAWARD NO. 75-1086390	Ligo Operations: Detector Length Control	47.049	205,313
6918884	SUBAWARD NO. 75-1086390	Ligo Operations: Laboratory Operations	47.049	435,912
6918885	SUBAWARD NO. 75-1086390	Ligo Operations:Project Management	47.049	135,137
6918886	SUBAWARD NO. 75-1086390	Ligo Operations: Project Administration	47.049	128,600
6918887	SUBAWARD NO. 75-1086390	Ligo Operations: General Computing Supp	47.049	787,340
6918888	SUBAWARD NO. 75-1086390	Ligo Operations: Fabrication - Stochast	47.049	-2,996
6918889	SUBAWARD NO. 75-1086390	Ligo Operations: Stochastic Forces S&W	47.049	394,557
6921550	PO # 75-1088179	Cit-Gravity Wave Antenna	47.049	-73
6922385	SUBAWARD NO. 75ADV-1085563	Interferometer Sensing And Control Fabri	47.049	202,533
6922568	SUBAWARD NO. 75ADV-1085563	Is.12.M.Laa Isc Subsystem Management - S	47.049	68,903
6922569	SUBAWARD NO. 75ADV-1085563	In.10.M.Laa Installation Mgmt Mit	47.049	75,773
6922570	SUBAWARD NO. 75ADV-1085563	In.20.M.Laa Installation Technical Sup	47.049	148,874
6922571	SUBAWARD NO. 75ADV-1085563	Da.40.C.Laa Daq Fabrication Labor	47.049	2,421
6923033	SUBAWARD NO. 75-1086390	Ligo Ops Fabe Suspended Instrument Platf	47.049	1,590
6923034	SUBAWARD NO. 75-1086390	Ligo Ops Fabe I/O Expansion Chassis	47.049	5,484
6925472	SUBAWARD NO. 75-1086390	Ligo Ops Filter Cavity	47.049	84,409
		Total for 47.049		**5,241,667**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922609	HR0011-10-1-0076	Novel Anti-Fogging Nanostructure Fabrica	12.910	5,462
		Total for 12.910		**5,462**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924765	19-1091542	Efri: Miks: Notch Signaling In Colon Can	47.074	100,330
		Total for 47.074		**100,330**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921338	51A-1088245	ARRA - Edges: An Ultra-Clean Spectrometer For F	47.082	35,297
		Total for 47.082		**35,297**

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922881	65P-1089493	High-Resolution Mars Polar Stratigraphy	43.AAA	-215
		Total for 43.AAA		**-215**
		Total for California Institute of Technology		**5,399,537**

Smithsonian Inst. - Astrophysical Observatory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6895251	SV3-73016	Support Of The Chandra X-Ray Center (Cxc	43.CCC	99,633
6895252	SV3-73016	Support Of The Chandra X-Ray Center (Cxc	43.CCC	1,466,958
6895253	SV3-73016	Support Of The Chandra X-Ray Center (Cxc	43.CCC	35,458
6895254	SV3-73016	Support Of The Chandra X-Ray Center (Cxc	43.CCC	1,468,640
6895255	SV3-73016	Support Of The Chandra X-Ray Center (Cxc	43.CCC	856,786
6919170	SV9-79008	Professional Services Related To The Tra	43.CCC	34,860
6923825	GO1-12053X	Precise Localization Of Transient Low-Ma	43.CCC	2,392
		Total for 43.CCC		**3,964,727**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6915198	GO7-8099X	Flux Ratio Anomalies In Gravitationally	43.000	13,933
6919171	AR9-0019X	Galaxy Cluster Scaling Relation Evolutio	43.000	27,533
6919279	GO9-0057X	The Cooling Neutron Star In Super-Edding	43.000	5,626
6919581	GO9-0025B	Chandra Observation Of A New Galactic Gl	43.000	4,542
6920558	GO9-0040X	Precise Localization Of Neutron Star Sof	43.000	9
6920568	GO9-0054X	Validating Neutron Star Radius Measureme	43.000	-14
6920772	GO9-0153X	Understanding Group Evolution With Chand	43.000	12,283
6920773	GO9-0035X	Investigating New Integral Sources With	43.000	5,266
6920972	GO0-11001X	The Mechanism Of Jet Formation In Cyg X-	43.000	10,791
6921249	GO9-0018X	The True Nature Of Hd 110432: The Most E	43.000	5,014
6921294	GO0-11107X	Search For The Most Luminous Ulxs In Col	43.000	380
6921295	GO0-11143C	Chandra Observations Of A Complete Sampl	43.000	6,987
6921319	AR0-11005X	The Physical Properties Of Accretion Dis	43.000	1,478
6921364	GO0-11013X	Precise Positions Of Historically Bright	43.000	2,648
6921402	GO0-11047X	Primordial Formation Of Close Binaries I	43.000	22,799
6921403	GO0-11126X	Variability And Particle Acceleration In	43.000	918
6921404	GO0-11064X	Deep Chandra Observations Of The Black H	43.000	68,495
6921424	GO0-11060X	Spectroscopy Of The Resurgent Ultracompa	43.000	16
6921432	GO0-11054X	Cygnus X-1 Viewed Outside Of Its Seconda	43.000	9,142
6921818	GO0-11066X	Precise Localization Of Transient Low-Ma	43.000	4,951

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921925	GO0-11061X	Crustal Cooling Of The Neutron Star In E	43.000	18,380
6922325	GO0-11058B	Following A Black Hole Candidate X-Ray T	43.000	27,442
6922844	GO0-11068X	The Cooling Neutron Star In The Super-Ed	43.000	25,583
6923117	GO0-11057B	Transient Lmxbs In Globular Clusters: Mo	43.000	8,587
6923118	GO1-12063X	Validating Neutron Star Radius Measureme	43.000	17,813
6923396	GO1-12065X	Filling The Gap In Understanding The Win	43.000	3,623
6923398	GO1-12018X	Magnetic Activity In Very Young O-Stars	43.000	6,847
6923494	GO1-12039X	Close Binary Populations In Metal-Rich G	43.000	14,365
6923719	GO1-12054X	Investigating New Integral Sources With	43.000	5,425
6924511	GO1-12062X	Spectral State Dependence Of The Extende	43.000	11,263
6924540	GO1-12049B	Following A Black Hole Candidate X-Ray T	43.000	10,555
6924542	GO1-12017B	Understanding The Weak Winds: High-Resol	43.000	8,177
6924743	GO2-13006B	Cosmology And Cluster Evolution From The	43.000	18,667
6924744	GO2-13052X	Quasi-Persistent Neutron-Star X-Ray Bina	43.000	2,741
6924746	GO1-12045X	Crustal Cooling Of The Neutron Star In E	43.000	2,055
6924820	GO1-12055B	Transient Lmxbs In Globular Clusters: Mo	43.000	11,594
6925397	GO1-12058B	A Long Multiwavelength Study Of Grs 1915	43.000	9,203
6925445	GO2-13110A	Chandra Hetg Ultra-Deep Gratings Spectro	43.000	29,564
		Total for 43.000		**434,681**
		Total for Smithsonian Inst. - Astrophysical Observatory		**4,399,408**

University of Washington

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925444	733082	Northwest Reference Epigenome Mapping Ce	93.113	7,724
		Total for 93.113		**7,724**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924929	SUBAWARD NO. 727541	The Katrin Neutrino Experiment	81.049	24,095
6925012	SUBAWARD NO. 727541	Fabricated Equipment: Katrin Focal Calib	81.049	3,950
		Total for 81.049		**28,045**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918384	SUBAWARD NO. 548656	A Unified Approach To Abductive Inferenc	12.431	76,211
		Total for 12.431		**76,211**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924726	724454	Nsf Engineering Research Center For Sens		47.041	14,979
6925083	724454	Travel		47.041	10,632
6925085	724454	Education/Outreach -Young		47.041	165
6925086	724454	Education/Outreach - Jones		47.041	4,203
6925087	724454	Lang Research Child		47.041	61,672
6925088	724454	Tedrake Research Child		47.041	63,465
6925089	724454	Voldman Research Child		47.041	69,173
6925090	724454	Weinstein Research Child		47.041	98,080
			Total for 47.041		**322,369**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6916796	SUBCONTRACT NO. 431135	Center For Enabling New Technologies Thr		47.049	151,528
			Total for 47.049		**151,528**
			Total for University of Washington		**585,877**

Battelle-Pacific Northwest Laboratories

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924462	CONTRACT NO. 160724	Pnnl Compact Light Source		81.CCC	65,558
			Total for 81.CCC		**65,558**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925437	CONTRACT NO. 174694	Center For Application Of Advanced Clini		93.394	44,244
			Total for 93.394		**44,244**
			Total for Battelle-Pacific Northwest Laboratories		**109,802**

NEROC

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6899471	AST-0457585	Mileura Wide-Field Array Science And Tec	47.049	25,361
6915784	AST-0705062	Developmentof A Wideband Burst Mode Data	47.049	-199
6916834	AST-0722168	Mri: Development Of A Cooled Sapphire O	47.049	38,043
6918040	AST-0807843	Techniques Of Submm-Vlbi: Observing An E	47.049	649
6918926	AST-0821321	Mri: Acquisition Of An Archive For The M	47.049	41,264
6919322	AST-0457585	Mileura Wide-Field Array Science And Tec	47.049	11,238
6920030	AST-0908731	Ultra Wideband Vlbi:Origins Of Extragala	47.049	146,622

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920133	AST-0905844	Ati: High Sensitivity Vlbi Arrays: Towar	47.049	539,820
6920405	AST-0922984	Mri Acquisition Of Stable Hydrogen-Maser	47.049	143,373
6921422	AST-0705062	Fab Eq - Blast Modules	47.049	28,500
6924648	AST-1126433	Mri: Development Of An Alma Beamformer F	47.049	286,241
6924649	AST-1126433	Mri: Development Of An Alma Beamformer -	47.049	72,329
6925414	AST-0905844	Fab Equip - Mark 5C/Mark 6 Recording Sys	47.049	69,472
6925415	AST-0905844	Fab Equip - Dbe Systems	47.049	21,320
		Total for 47.049		**1,424,033**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918253	DUE-0817136	Undergraduate Science And Technology Edu	47.076	63,279
		Total for 47.076		**63,279**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6899472	AST-0457585	Mileura Wide-Field Array Science And Tec	47.000	340
		Total for 47.000		**340**
		Total for NEROC		**1,487,652**

National Renewable Energy Laboratory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923263	ZAM-1-40897-01	Wave Device Dynamics Modeling And Analys	81.CCC	244,720
6923786	UGA-0-41029-02	Biochemical Investigations Of Ferredoxin	81.CCC	109,146
6924557	UGA-0-41029-05	New Business Models To Enable Whole-Hous	81.CCC	120,922
6924592	UGA-0-41029-04	Ordering And Corssover In Metamorphic Al	81.CCC	101,037
6925413	ZGV-2-22438-01	Pre-Subcontract Costs For Nrel Subcontra	81.CCC	5,616
		Total for 81.CCC		**581,441**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925379	ZGV-2-22438-01	Development And Validation Of A Nonlinea	81.087	9,917
		Total for 81.087		**9,917**
		Total for National Renewable Energy Laboratory		**591,358**

Children's Hospital Boston

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920942	80295	Cps: Medium: Programmable Second Skin To	47.070	104,568
		Total for 47.070		**104,568**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925412	0000448921	Developmental Biology Of Human Erythropo	93.839	11,053
		Total for 93.839		**11,053**
		Total for Children's Hospital Boston		**115,621**

Battelle Energy Alliance, LLC

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920548	RELEASE #000033/CONTRACT#00000063	-09-095:Heterogeneous Recycling In Fast	81.CCC	92,795
6920549	RELEASE #000035/CONTRACT#00000063	Millimeter-Wave Thermal Analysis Develop	81.CCC	184,344
6921372	CNTR # 00000063, RLSE 00039	Degradation Investigation Of Solid Oxide	81.CCC	67,933
6921396	CNTR # 00000063, RLSE 00040	Hybrid Systems For Process Integration A	81.CCC	35,150
6922846	AMENDMENT 6 TO RELEASE 00001 UNDER BLANKET MASTER 00042439	Fy 2011 Statement Of Work For National	81.CCC	11,757
6922941	CNTR# 00000063,RELEASE 00044	Enviornmental Effects Of Crack Growth In	81.CCC	16,210
6922944	RELEASE #000038/CONTRACT#00000063	6921609-Inest- Fy11	81.CCC	22,067
6923123	RELEASE #000029/CONTRACT#00000063A MD. 003	Collaboration On The Nuclear Fuel Cycle	81.CCC	435
6923247	RELEASE #000045/CONTRACT#00000063	Development And Application Of Qpirt In	81.CCC	46,503
6924978	RELEASE #000046/CONTRACT#00000063	Mit Neutronics And Reactor Physics Suppo	81.CCC	61,978
6925045	RELEASE #000048/CONTRACT#00000063	Uncertainty Quantification Of Safety Cod	81.CCC	44,493
6925168	RELEASE #000050/CONTRACT#63	High-Temperature Salt-Cooled Reactor For	81.CCC	362,440
6925178	RELEASE #000049/CONTRACT#00000063	3117 Life Prediction Of Spent Fuel Stora	81.CCC	120,787

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925181	RELEASE #000047/CONTRACT#00000063	Fuel Cycle Technology And Advanced Appli	81.CCC	92,804
6925222	RELEASE #000051/CONTRACT#00000063	Protectiveness And Stability Of The Zirc	81.CCC	35,016
6925406	RELEASE #000052/CONTRACT#00000063	University Lead For The Nuclear Hybrid S	81.CCC	48,998
		Total for 81.CCC		**1,243,710**
		Total for Battelle Energy Alliance, LLC		**1,243,710**

Raytheon Company

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6916860	PURCHASE ORDER NO. 4400251003	Cosmos Program	12.CCC	-8,737
6921855	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-5,441
6921856	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-106,125
6921857	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-58
6921858	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	120,085
6921859	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	165,831
6921860	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-2,566
6921861	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-2,566
6921862	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	47,718
6921864	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-2,566
6921865	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-2,746
6921866	PO NO. 4400354854	Integrated Standoff Inspection System (I	12.CCC	-2,566
6922220	PO#4400371320	Darpa Gan-Cmos Integration	12.CCC	4,671
6923069	PO NO. 4400354854	Fab Eq - Gamma Detector System	12.CCC	274,639
6923417	PO NO. 4400354854	Fabricated Equipment - Isis Bremsstrahlu	12.CCC	113,771
6924506	PO NO. 4400354854	Mit-Bates Linac Infrastructure Work For	12.CCC	811,175
6925388	PO NO. 4400428960	Isis Foreign Travel	12.CCC	6,881
		Total for 12.CCC		**1,411,400**
		Total for Raytheon Company		**1,411,400**

Arizona State University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924664	SUBAWARD NO. 12-725	Erc For Quantum Energy And Sustainable S	47.041	132,125
6925372	SUBAWARD NO. 12-725	Nsf-Erc Gradecak Child	47.041	57,298

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			Total for 47.041		**189,423**
			Total for Arizona State University		**189,423**

LongWave Photonics LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924219	STTR AGMT UNDERNNX11CC66C	Phase Ii Sttr: Terahertz Quantum Cascade		43.CCC	108,462
			Total for 43.CCC		**108,462**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925357	SBIR UNDER NSF-IIP-1143131	Sbir Phase I: Tunable Terahertz Quantum		47.041	54,525
			Total for 47.041		**54,525**
			Total for LongWave Photonics LLC		**162,987**

Dana Farber Cancer Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923800	P #1120206	Genetics And Biology Of Pancreatic Ducta		93.396	301,412
6925352	P #1120206	Genetics And Biology Of Pancreatic Ducta		93.396	170,912
			Total for 93.396		**472,324**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922748	1006712	Antigen Presentation In Human Autoimmune		93.855	54,814
6923095	1188501	Eliciting B Cells To Produce Anti-Hiv Gp		93.855	32,191
6924642	1188501	Eliciting B Cells To Produce Anti-Hiv Gp		93.855	214,046
6925195	1006713	Antigen Presentation In Human Autoimmune		93.855	92,922
			Total for 93.855		**393,973**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923374	5-P50-CA090381-10	Project 1: Biguanides For The Treatment		93.397	-256
			Total for 93.397		**-256**
			Total for Dana Farber Cancer Institute		**866,041**

CalTech - Jet Propulsion Lab

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6917472	SUBCONTRACT NO. 1335484	Soil Moisture Mission Science And Produc	43.CCC	80,554
6917943	RSA NO. 1343207	Spitzer Low-Mass X-Ray Binary Archive	43.CCC	1,897
6918043	RSA NO. 1343195	Science Proposal: A Search For Water On	43.CCC	44
6918872	RSA NO. 1360267	New Transiting Exoplanets: Targets Of O	43.CCC	35
6919109	RSA NO. 1365748	Spitzer Ddt Proposal 495: Confirming The	43.CCC	-117
6919270	RSA NO. 1367398	Detecting The Transits Of Wearby Super-E	43.CCC	2,210
6919652	RSA NO. 1376303	Exoplanet Hht-P.11B Secondary Transit Ob	43.CCC	259
6919934	RSA NO. 1379869	Confirmation And Characterization Of Kep	43.CCC	55,713
6921423	RSA NO. 1397154	A Survey Of Exoplanetary Spin-Orbit Angl	43.CCC	4,001
6922367	RSA NO. 1421387	A Survey Of Exoplanetary Spin-Orbit Angl	43.CCC	15,355
6922750	RSA NO. 1417386	Towards Earth And Beyond: The Gj1214 Opp	43.CCC	133,681
6922866	SUBCONTRACT 1418850	Nasa Cms 2010, Pilot Study: Surface Carb	43.CCC	49,204
6923183	SUBCONTRACT 1422439	A Global Ocean And Sea Ice Reanalysis Fo	43.CCC	2,395
6923676	SUBCONTRACT 1428190	Estimating The Circulation And Climate O	43.CCC	295,366
6924809	RSA NO. 1343207	Minimalistic Robot For All Access Surfac	43.CCC	46,830
6925312	SUBCONTRACT 1449788	Benchmarking Thermolysis And Pyrolysis O	43.CCC	44,961
		Total for 43.CCC		**732,388**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6899758	1283622	Voyager Interstellar Mission (Vim) Plasm	43.000	468,481
		Total for 43.000		**468,481**
		Total for CalTech - Jet Propulsion Lab		**1,200,869**

University of Connecticut Health Center

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925310	120712	Dynamics And Topology Of Phosphotyrosine	93.396	138,557
		Total for 93.396		**138,557**
		Total for University of Connecticut Health Center		**138,557**

Princeton University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6897077	00000917	Muri: Acoustic Rapid Environmental Asses	12.300	-4,265
		Total for 12.300		**-4,265**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920547	SUBAWARD NO. 00001702	Energy Frontier Research Center In Combu		81.049	231,937
			Total for 81.049		**231,937**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919906	SUBAWARD 00001811	Highly Extensible Programmable Biosensin		12.431	-4,302
			Total for 12.431		**-4,302**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921710	SUBAWARD 00001828	Csr-Ehs A Space And Resource Aware Compu		47.070	-45
			Total for 47.070		**-45**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921076	00001736	Fabricated Equipment - Max Radon Mitigat		47.049	16,520
6925294	SUBAWARD NO. 00002019	U.S. Cms Operations At The Lhc		47.049	441,896
			Total for 47.049		**458,416**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921113	SUBAWARD NO 00001760	Gsrc Marco: Network-Driven Computing		12.910	87,761
			Total for 12.910		**87,761**
			Total for Princeton University		**769,502**

Triquint Semiconductor, LP

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922065	PO 5073526	Darpa Next Project		12.CCC	115,503
6925290	PO5103795	Gan E/D Process Development Support For		12.CCC	49,677
6925291	PO #5103199	Darpa Next Project Phase Ii & Iii		12.CCC	195,478
			Total for 12.CCC		**360,658**
			Total for Triquint Semiconductor, LP		**360,658**

NORC at the University of Chicago

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924869	5672.MIT	Continuation Of Risk, Insurance And The		93.864	118,276

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925278	SUBAWARD NO. 5672.MIT, AMD. 1	Continuation Of Risk, Insurance And The		93.864	127,970
			Total for 93.864		**246,246**
			Total for NORC at the University of Chicago		**246,246**

University of Innsbruck

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922724	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Scalable Quantum Information Processing		12.431	447,059
6923143	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Fabrication: Qubit Control System		12.431	41,733
6923144	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Fabrication: Qubit Cooling Laser System		12.431	54,178
6925262	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Fabricated Equipment - Ultra-High Vacuum		12.431	45,006
6925263	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Fabricated Equipment - Optics System For		12.431	52,540
6925264	SQUIP AGREEMENT UNDER W911NF-10-1-0284	Fabricated Equipment - Laser Stabilizati		12.431	32,186
			Total for 12.431		**672,702**
			Total for University of Innsbruck		**672,702**

University of North Carolina-Chapel Hill

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923482	5-50741	Bioengineering Partnership To Improve Ch		93.114	48,239
6925228	5-50741	Bioengineering Partnership To Improve Ch		93.114	92,300
			Total for 93.114		**140,539**
			Total for University of North Carolina-Chapel Hill		**140,539**

Georgia Institute of Technology

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918937	R0897-G15	Game Theoretic Learning For Distributed		12.300	185,218
6920742	R0897-G15	Game Theoretic Learning For Distributed		12.300	171,865
			Total for 12.300		**357,083**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925226	SUBCONTRACT RC051-S1	Optimized Resources And Architectures Fo		12.CCC	207,309
			Total for 12.CCC		**207,309**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923504	RB492-G1	Neuro-Inspired Adaptive Perception And C		12.431	294,653
6923520	RB492-G1	Neuro-Inspired Event-Driven Preception A		12.431	155,021
			Total for 12.431		**449,674**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899572	SUBAWARD NO. E-20-L05-G6	Neesr-Grand Challenge: Seismic Risk Miti		47.041	654
			Total for 47.041		**654**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918603	R9710-G1	Impact Of Degraded Environment On Airspa		43.000	6,690
			Total for 43.000		**6,690**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923405	RB220-G3	Multimodal Multiplexed Integrated Photon		12.910	117,983
6923562	RB220-G3	Prof. Johngyoon Han, Rle		12.910	216,990
			Total for 12.910		**334,973**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920198	R6756-G2	Muri-09: Distributed Learning And Inform		12.800	158,973
6920503	R6756-G2	Muri-09: Distributed Learning And Inform		12.800	146,409
6920755	R6756-G2	Muri-09: Distributed Learning And Inform		12.800	74,828
6925152	RC413-G3	Muri: Multi-Functional Light-Matter Inte		12.800	83,877
			Total for 12.800		**464,087**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923894	R7747-G8 YEAR 6	Nanomedicine Center For Nucleoprotein Ma		93.867	20,461
			Total for 93.867		**20,461**
			Total for Georgia Institute of Technology		**1,840,931**

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Woods Hole Oceanographic Institution

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6915893	AGMT. NO. A100529	A. Baggeroer Child	12.300	17,617
6921145	AGMT. NO. A100529	G. Wornell Child	12.300	75,414
6922136	A100706	Full-Scale Measurement And Prediction Of	12.300	122,964
6924238	A100847	Makris-Whoi: Unified Four-Dimensional Mo	12.300	54,984
6924239	A100847	Yue-Whoi: Unified Four-Dimensional Model	12.300	87,285
6924544	A100847	Unified Four-Dimensional Multi-Resolutio	12.300	123,598
		Total for 12.300		**481,862**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920165	A100642	The Woods Hole Center For Oceans And Hum	47.050	34,880
6925215	A100899	Collaborative Research: Microbial Influe	47.050	3,417
		Total for 47.050		**38,297**
		Total for Woods Hole Oceanographic Institution		**520,159**

MIT - Internal Cost Sharing

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923288	SUBCONTRACT NO. 6947174	Natural Ventilation For Cooling In Comme	81.CCC	108,228
		Total for 81.CCC		**108,228**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924889	4500000674	Prefrontal And Medial-Temporal Interacti	93.859	53,847
		Total for 93.859		**53,847**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924962	106370	Mit Internal Cost Sharing Account	93.286	5,651
6924963	106368	Mit Internal Cost Sharing Account	93.286	13,690
		Total for 93.286		**19,341**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925191	SUBCONTRACT UNDER DOE PRIME AWARD NO. DE-EE0005314	Cost Share Child	81.087	69,886
		Total for 81.087		**69,886**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924585	SUB # 149047.0846	New England Regional Center Of Excellenc		93.855	14,612
6925092	TBA	Nerp017: Genetic Analysis Of Innate Imm		93.855	5,263
			Total for 93.855		**19,875**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924553	VUMC36112	Etiological Studies Of Gastric Carcinoma		93.393	31,704
			Total for 93.393		**31,704**
			Total for MIT - Internal Cost Sharing		**302,881**

Massachusetts General Hospital

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919612	SUB UNDER DAMD17-02-2-0006-FUND 213621	Mit-Cimit-A Label-Free Viral Detection M		12.CCC	95,866
6919876	SUB UNDER W81XWH-07-2-0011	Mit-Cimit Operating On The Heart From Wi		12.CCC	3,695
			Total for 12.CCC		**99,561**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917295	SUBAWARD 205852	Multiscale Dynamic Measurements And Mode		93.853	46,813
			Total for 93.853		**46,813**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920550	214763	In Vivo Systems Biology Of Inflammatory		93.859	77,240
			Total for 93.859		**77,240**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917106	SUBAWARD 206392	Parallel Excitation Methods For High Fie		93.286	11,693
6924807	219658	Parallel Excitation Methods For High Fie		93.286	45,008
			Total for 93.286		**56,701**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921228	R01 HL096576-02	Cluster-Imaging Of Emerging Biomarker Ne		93.837	4,291

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924580	LETTER AGREEMENT DATED 09/08/2011	Elliott Greenblatt Off- Campus Ra Via Mg	93.837	43,449
		Total for 93.837		**47,740**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6925187	SUBAWARD #219877	Mgh - Pax	12.910	33,928
6925188	SUBAWARD #219877	Lanza Coded Source Imaging	12.910	4,027
		Total for 12.910		**37,955**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922960	217129	A Microengraving Technology For The Stud	93.855	159,247
		Total for 93.855		**159,247**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920923	SUBAWARD 215009	Small-Molecule Probes And Methods For Mo	93.279	170,970
6924435	218459	Enhancing Self-Control Of Cigarette Crav	93.279	20,255
6924885	218459	Enhancing Self-Control Of Cigarette Crav	93.279	23,231
		Total for 93.279		**214,456**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924987	W81XWH-09-2-0001-218193	Mit-Cimit-A Label-Free Viral Detection M	12.420	28,012
		Total for 12.420		**28,012**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922274	5-R01-AG026240-05	Non-Invasive Optical Imaging Of Neuropat	93.866	17,281
6924915	SUBAWARD 219501	In Vivo Systems Biology Of Neurodegenera	93.866	56,169
		Total for 93.866		**73,450**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922720	MGH#215186	Letter Agreement: Juwell Wu	93.000	2,592
6923707	MGH ACCT PS. NO 217736	Training Future Proton Scientists	93.000	-168
6924451	217736	Linear Regression Analysis Of 2D Project	93.000	32,732
		Total for 93.000		**35,156**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919916	SUBAWARD NO. 206505	A System Neuroscience Approach For The S		93.310	81,684
			Total for 93.310		**81,684**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918124	207607	Probing The Tumor Microenvironment Using		93.395	356,858
6918459	207607	Probing The Tumor Microenvironment Using		93.395	146,904
			Total for 93.395		**503,762**
			Total for Massachusetts General Hospital		**1,461,777**

University of Delaware

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925185	PO NO. 28002	Low Cost Back Contact Heterojunction Sol		81.087	165,363
			Total for 81.087		**165,363**
			Total for University of Delaware		**165,363**

Boston Dynamics, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922387	SUBCONTRACT 20100728	High Torque Density Electromagnetic Moto		12.CCC	-111,749
6924165	AGREEMENT DTD 7/26/11	Cheetah: Fast-Running Quadruped Robot		12.CCC	945,516
6924179	SUBCONTRACT 20100728	Fab Eq: Expplatform For Gaitevaluation		12.CCC	90,427
6924777	AGREEMENT DTD 7/26/11	Advanced Actuators And High -Speed Maneu		12.CCC	114,790
6925179	AGREEMENT DTD 7/26/11	Fabeq: Test Eq For Hispeed Quad Robots		12.CCC	35,228
			Total for 12.CCC		**1,074,212**
			Total for Boston Dynamics, Incorporated		**1,074,212**

Jefferson Science Associates, LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923874	JSA-11-C1871	Conceptual Design Of The Hall D Solenoid		81.049	108,364
6925163	JSA-12-C0559	Finite Element Analyses Of Hall B Torus		81.049	69,884
			Total for 81.049		**178,248**
			Total for Jefferson Science Associates, LLC		**178,248**

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Univ. Corporation For Atmos. Research

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925131	SUBAWARD NO. Z11-54911	Favar, Integration, Release, Testing And		12.000	40,100
			Total for 12.000		**40,100**
			Total for Univ. Corporation For Atmos. Research		**40,100**

University of Colorado

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924661	PO # 1000017191	Thermospheric Oxygen Mapper		43.002	154,150
6925120	PO # 1000017191	Fabricated Equipment - Ftir For Thz Freq		43.002	3,950
			Total for 43.002		**158,100**
			Total for University of Colorado		**158,100**

University of California - Irvine

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925115	SUBAWARD NO. 2011-2695	Electrosprayed Heavy Ion And Nanodrop Be		12.800	58,788
			Total for 12.800		**58,788**
			Total for University of California - Irvine		**58,788**

BAE Systems Info & Electronic Systems Integration, Inc

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922586	739520	Meta Program: Adaptive, Reflective, Robu		12.CCC	-1,995
6923121	739532-SLIN 0001	Service-Oriented Netcoded Architecture F		12.CCC	51,061
6923416	739532-SLIN 0001	Child - Karger		12.CCC	50,032
6923517	741274	Coverage By Teams Of Autonomous Ground A		12.CCC	16,992
6923548	739520	Meta Program: Adaptive, Reflective, Robu		12.CCC	137,312
6924057	741274	Roy-Child		12.CCC	68,218
6925100	739532-SLIN 0002	Service-Oriented Netcoded Architecture F		12.CCC	78,376
6925101	739532-SLIN 0002	Service-Oriented Netcoded Architecture F		12.CCC	41,584
			Total for 12.CCC		**441,580**
			Total for BAE Systems Info & Electronic Systems Integration, Inc		**441,580**

The Broad Institute, Inc.

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922666	SUB NO: 7215110-5500000272	High-Throughput Sequencing Of Chromatic		93.172	4,463
6924851	SUB NO: 7215130-550000398	High-Throughput Sequencing Of Chromatic		93.172	86,223
			Total for 93.172		**90,686**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925095	SUB NO: 5500000428-6030040	Functional Genomics Of Neuroplasticity I		93.242	142,846
			Total for 93.242		**142,846**
			Total for The Broad Institute, Inc.		**233,532**

Oregon Health and Science University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923337	GCAEI0268A MIT	Advanced Imaging For Glaucoma		93.867	122,400
6925077	GCAEI0303A_MIT	Guiding The Treatment Of Anterior Eye Di		93.867	41,487
			Total for 93.867		**163,887**
			Total for Oregon Health and Science University		**163,887**

University of Massachusetts Medical Center

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925075	6135965/RFS2012038	A Mobile, Personalized Intervention With		93.279	75,579
			Total for 93.279		**75,579**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923380	6138788/RFS2012114 FRAENKEL	Systems Biology Of Insulin Resistance		93.847	736,760
6923381	6138789/RFS2012115 LAUFFENBURGER	Systems Biology Of Insulin Resistance		93.847	334,320
6923382	6138787/RFS2012113 WHITE	Systems Biology Of Insulin Resistance		93.847	473,340
			Total for 93.847		**1,544,420**
			Total for University of Massachusetts Medical Center		**1,619,999**

University of Maryland - College Park

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924989	Z987501	Distributed Mechanisms For Determining N		20.RD	45,205

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924992	Z987701	Analysis And Modeling Of Passenger Delay		20.RD	118,905
6925061	Z988203	The Impact Of Oil Prices On The Air Tran		20.RD	27,885
6925072	Z990301	The Impact Of Air Transportation On U.S.		20.RD	99,557
6925073	Z990002	Wake Turbulence Analysis And Research To		20.RD	23,596
			Total for 20.RD		**315,148**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924930	Z988401	Ads-B Airb With Alerting Research (Deliv		20.CCC	1,296,847
6924931	Z985801	Ato Strategy And Performance Business Un		20.CCC	72,066
			Total for 20.CCC		**1,368,913**
			Total for University of Maryland - College Park		**1,684,061**

University of Texas - Austin

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921569	UTA09-01181	Iter Ece Diagnostic Conceptual Design		81.CCC	-315
6925069	UTA11-000789	Subcontract Between The University Of Te		81.CCC	7,435
			Total for 81.CCC		**7,120**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918867	UTA08.950	The Interface Of Infrast, Markets, & Nat		47.041	133,199
			Total for 47.041		**133,199**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914683	UTA06-788	Rethinking Mobile Ad Hoc Networks: A No		12.630	-8,698
			Total for 12.630		**-8,698**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914675	SUBAWARD UTA06-845	Netl: Mechanisms Leading To Co-Existence		81.089	23,736
			Total for 81.089		**23,736**
			Total for University of Texas - Austin		**155,357**

General Electric Global Research

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924910	PO 400103882 ITEM #1	Develop Vehicleforge Crowdsourcing Colla		12.CCC	94,851
			Total for 12.CCC		**94,851**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925066	PO 400103962, ITEM #1	Modeling Creep-Fatigue-Environment Inter		81.000	105,038
			Total for 81.000		**105,038**
			Total for General Electric Global Research		**199,889**

Tel Aviv University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6925059	W81XWH-11-2-0008	Prospective Eeg/Fmri Evaluation Of Neuro		12.420	85,500
			Total for 12.420		**85,500**
			Total for Tel Aviv University		**85,500**

ERC, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921454	RS1000052	Development Of Omniphobic Surfaces With		12.CCC	6,346
6924321	RS111023	Development Of Omniphobic Surfaces With		12.CCC	8,209
6925056	RS111592	Dynamic Wettability Studies And Oleophob		12.CCC	58,399
			Total for 12.CCC		**72,954**
			Total for ERC, Inc.		**72,954**

Baylor College of Medicine

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920367	HFP02001	Human Automation Interactions And Perfor		43.000	189,839
6922067	SA01604	Sensorimotor Display And Control To Enha		43.000	13,669
6922221	NBPF 02001	Validation Of Assessment Tests And Count		43.000	9,120
6922812	SA01302	Modeling And Mitigating Spatial Disorien		43.000	3,857
6922813	SA01301	Advanced Displays For Efficient Training		43.000	126,073
6924078	SA01604	Sensorimotor Display And Control To Enha		43.000	152,314
6924079	NBPF 02001	Validation Of Assessment Tests And Count		43.000	203,684
			Total for 43.000		**698,556**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923165	SHOPPING CART NO. 101379874 PRIME AWARD NO. 2-PN-2EY016525-07	Center For Protein Folding Machinery		93.867	37,832
6923181	SHOPPING CART NO. 101379874 PRIME AWARD NO. 2-PN-2EY016525-07	Center For Protein Folding Machinery - H		93.867	45,394
6924866	SHOPPING CART NO. 101532959 PRIME AWARD NO. 5-PN-2EY016525-08	Center For Protein Folding Machinery		93.867	74,462
6924913	SHOPPING CART NO. 101532959 PRIME AWARD NO. 5-PN-2EY016525-08	Center For Protein Folding Machinery - H		93.867	255,657
6925052	PO 101539551, PRIME 2-R56-AI075208-03	Structures Of The Portal Vertex In Ds Dn		93.867	113,280
			Total for 93.867		**526,625**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922879	PO 5600594550-101321035	Modulation Of Nf-Kb Signaling By Immunop		93.847	31,493
			Total for 93.847		**31,493**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917286	PO 5600299597	Intestinal Lactobacillus And Mucosal Imm		93.848	13,017
			Total for 93.848		**13,017**
			Total for Baylor College of Medicine		**1,269,691**

General Dynamics

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923153	PURCHASE ORDER #2010-01628	Interpretation Of Spatial Language		12.431	161,005
6925049	PURCHASE ORDER #2010-01628	Child - Roy		12.431	80,408
			Total for 12.431		**241,413**
			Total for General Dynamics		**241,413**

Center for Integration of Medicine & Innovative Technol

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924342	W81XWH-09-2-0001 218154	A Novel Algorithm To Detect The End Of A		12.CCC	75,031
			Total for 12.CCC		**75,031**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923025	W81XWH-07-2-0001 / CIMIT 11-282 / 217424	A Fully Autonomous Brain Body Interface		12.420	22,117
6925044	W81XWH-09-2-0001 / 219747	Combat Fluid Warmer Device		12.420	22,402
			Total for 12.420		**44,519**
			Total for Center for Integration of Medicine & Innovative Technology		**119,550**

International AIDS Vaccine Initiative

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923588	MITRSA1001	Yr1 Child: Interplay Of B Cells And Hiv		93.855	168,905
6925038	MITRSA1001	Yr2 Child: Interplay Of B Cells And Hiv		93.855	106,755
			Total for 93.855		**275,660**
			Total for International AIDS Vaccine Initiative		**275,660**

Stanford University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923875	27513450-50355-A	High-Fidelity Simulation And Modeling Of		12.300	-185
			Total for 12.300		**-185**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899909	SUBAWARD NO. 18332380-35520-A	Muri- Physics-Based Multidisciplinary Fa		12.431	146,534
			Total for 12.431		**146,534**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918770	SUBAWARD 22244450-42533-C	Efri-Copn: Deep Learning In The Mammalia		47.041	39,856
			Total for 47.041		**39,856**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924341	27834090-50339-A	Securing End Hosts Through Decentralized		12.910	83,702
			Total for 12.910		**83,702**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922501	25081590-44868-B	Muri: Robust And Complex On-Chip Nanopho		12.800	176,165
			Total for 12.800		**176,165**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923180	26699040-47281-C	Center For Cancer Nanotechnology Excelle		93.397	4,993
6925013	26699040-47281-C - REQ # 28575360	Center For Cancer Nanotechnology Excelle		93.397	72,505
			Total for 93.397		**77,498**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922504	25433430-40367-C	Quanitification Of Epistemic Uncertainti		81.124	27,135
			Total for 81.124		**27,135**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6915101	18870740-37362-C	Capacity, Cooperation, And Optimization		12.630	2,302
6920898	18870740-37362-C	Medard - Capacity, Cooperation, & Optimi		12.630	14,508
6920899	18870740-37362-C	Ozdaglar - Capacity, Cooperation, & Opti		12.630	101,887
6920900	18870740-37362-C	Shah - Capacity, Cooperation, & Optimiza		12.630	79,564
6920901	18870740-37362-C	Zheng - Capacity, Cooperation, & Optimiz		12.630	138,506
			Total for 12.630		**336,767**
			Total for Stanford University		**887,472**

Propulsor Technology, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922714	PO 10505	Bearing Fundamental Research Effort		12.CCC	13,624
6924947	PO 10505	Fab Eq: Hybrid Journal Bearings Testing		12.CCC	20,711
			Total for 12.CCC		**34,335**
			Total for Propulsor Technology, Inc.		**34,335**

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University Health Network

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924932	101875.1	The Ras/Mapik Pathway In Cardiovascular		93.837	135,650
			Total for 93.837		**135,650**
			Total for University Health Network		**135,650**

Yale University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924927	C12R11221(R06033)	Design Of Gmt Readout Board For Star		81.CCC	4,146
			Total for 81.CCC		**4,146**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924466	M12A11190(A08389)	Defining Signatures For Immune Responsiv		93.855	130,828
6924773	M12A11190(A08389)	Lauffenburger Child Account		93.855	94,448
			Total for 93.855		**225,276**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922317	M11A10859 AS0246	ARRA - Defining Signatures For Immune Responsiv		93.701	91,104
6922694	M11A10859 AS0246	ARRA - Child - Lauffenburger - 6922316		93.701	36,780
			Total for 93.701		**127,884**
			Total for Yale University		**357,306**

Luna Innovations, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922086	STTR SUBCONTRACT UNDER DE - C8ER86348 (1927-DOE-2T)	Low Drift Temperature Sensor Gen Iv Simu		81.049	107,967
6924925	STTR SUBCONTRACT UNDER DE - C8ER86348 (1927-DOE-2T)	Fab Eq - Luna Htif Assembly		81.049	30,624
			Total for 81.049		**138,591**
			Total for Luna Innovations, Inc.		**138,591**

Duke University

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921607	10-AFRL-1022	Aeromechanics Response In High Performan		12.CCC	59,064
			Total for 12.CCC		**59,064**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922037	10-DARPA-1102	The Multiscale Optical Sensor Array Imag		12.910	131,019
			Total for 12.910		**131,019**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924916	U19-AIO67798-07	Mechanisms And Mitigation Of Radiation-I		93.855	87,875
			Total for 93.855		**87,875**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924804	12-DHS-1036	X-Ray Scatter And Phase Imaging For Expl		97.065	209,742
			Total for 97.065		**209,742**
			Total for Duke University		**487,700**

Lawrence Berkeley National Laboratory

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6893506	SUBCONTRACT #6806960	First Principles, Calculations And Nmr S		81.CCC	149,173
6899207	SUBCONTRACT NO. 6804921	Tem And Afm Studies Of Nanoparticle Coat		81.CCC	343,718
6917334	SUBCONTRACT NO. 6838062	Molecular Determinants Of Community Acti		81.CCC	329,924
6920789	SUBCONTRACT NO. 6896518	Center For Nanoscale Control Of Geologic		81.CCC	158,783
6921874	SUBCONTRACT NO. 6920999	New Electrode Designs To Enable Ultrahig		81.CCC	184,218
6922118	SUBCONTRACT NO. 6927716	Advanced 3D Geophysical Imaging Technolo		81.CCC	148,197
6923287	SUBCONTRACT NO. 6947174	Natural Ventilation For Cooling In Comme		81.CCC	3,762
6924914	SUBCONTRACT NO. 6989080	Mice Coupling Coils And Spectrometer Coi		81.CCC	194,286
			Total for 81.CCC		**1,512,061**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924339	SUBCONTRACT NO. 6960178	Structural Cell Biology Of Dna Repair Ma		93.393	49,938
			Total for 93.393		**49,938**
			Total for Lawrence Berkeley National Laboratory		**1,561,999**

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Princeton Plasma Physics Laboratory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921056	SUBCONTRACT NO. S009403-F	Feasibility Study For Employing High Tem	81.CCC	5,962
6923499	SUBCONTRACT NO. S010550-G	Services Of Martin Greenwald As Fsp Depu	81.CCC	28,061
6923860	SUBCONTRACT NO. S010826-G	Research Pertaining To Fatigue And Fract	81.CCC	482
6924911	SUBCONTRACT NO. S011237-G	Research Pertaining To Fatigue & Fractur	81.CCC	10,000
		Total for 81.CCC		**44,505**
		Total for Princeton Plasma Physics Laboratory		**44,505**

Metis Design Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923387	AGRMT DATED 1/11/11	Multi-Physics, Multi-Functional Nano-Eng	12.CCC	60,877
6924898	AGMT. DTD. 10/28/11	Cnt-Based Composite Self-Monitoring & De	12.CCC	95,210
		Total for 12.CCC		**156,087**
		Total for Metis Design Corporation		**156,087**

Beth Israel Hospital

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924819	01025254	Cortical Connectivity, Physiology, And R	93.853	35,094
6924887	01025254	Cortical Connectivity, Physiology, And R	93.853	92
		Total for 93.853		**35,186**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922809	5-U01-EB008577-04	Research Resource For Complex Physiologi	93.286	-31,079
6924510	5-U01-EB008577-05	Research Resource For Complex Physiologi	93.286	453,846
		Total for 93.286		**422,767**
		Total for Beth Israel Hospital		**457,953**

Northeastern University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923334	5001937050	Acquisition Of Prosodic Control In Typic	93.865	7,506
		Total for 93.865		**7,506**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924880	501936	Neu Sub Years 1-2		47.050	11,448
			Total for 47.050		**11,448**
			Total for Northeastern University		**18,954**

Rush University Medical Center

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924854	1-R01-RO57066-01A2	Cartilage Degeneration And Repair By Ada		93.846	1,868
			Total for 93.846		**1,868**
			Total for Rush University Medical Center		**1,868**

University of Chicago

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924850	SUB 34588-06	A Cis Regulatory Map Of The Drosphila Ge		93.172	120,011
			Total for 93.172		**120,011**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920629	CHE-0943639	Center For Energetic Non-Equilibrium Che		47.049	57,252
			Total for 47.049		**57,252**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922994	45634-C	Room Temperature Coherent Energy Transfe		12.910	275,061
			Total for 12.910		**275,061**
			Total for University of Chicago		**452,324**

Auburn University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924843	SUBAGREEMENT 11-PHYS-200373-MIT	Design Of A Superconducting Magnet Syste		47.041	110,657
			Total for 47.041		**110,657**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917989	SUB AGREEMENT NO. 08-SFWS-209365.MIT	Land Use-Ecosystem-Climate Interactions		43.000	-307
			Total for 43.000		**-307**
			Total for Auburn University		**110,350**

The Wellcome Trust

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922856	SUBAWARD 0244-05	Integrated Human Genome Annotation: Gene		93.172	5,747
6924824	SUBAWARD 0244-05	Integrated Human Genome Annotation: Gene		93.172	199,889
			Total for 93.172		**205,636**
			Total for The Wellcome Trust		**205,636**

University of California - San Francisco

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924823	6759SC & DPA 557686-2117	Collaborative Research: Programming The		47.070	115,710
			Total for 47.070		**115,710**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924455	6680SC	Project 1		93.855	94,571
6924456	6681SC	Project 2		93.855	736
			Total for 93.855		**95,307**
			Total for University of California - San Francisco		**211,017**

Radiation Monitoring Devices

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919822	RMDC07-43	Ionic Conduction Studies In Tlbr		97.CCC	-1,266
6924821	RMDC09-35	High Performance Gamma Ray Detectors		97.CCC	60,000
			Total for 97.CCC		**58,734**
			Total for Radiation Monitoring Devices		**58,734**

Fred Hutchinson Cancer Research Center

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923229	SUBAWARD 0000702854	Integrated Single-Cell Assays For Multid		93.855	14,380
6924817	SUBAWARD 0000718900	Integrated Single-Cell Assays For Multid		93.855	105,487
			Total for 93.855		**119,867**
			Total for Fred Hutchinson Cancer Research Center		**119,867**

Johns Hopkins University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899866	SUBAWARD AGMT. NO.2000011059	Muri- Mechanisms Of Fluid-Mud Interactio		12.300	38,005
6914100	SUBAWARD AGMT. NO. 8607-62303	Child Account For Chiang C. Mei		12.300	45,939
			Total for 12.300		**83,944**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920512	CONTRACT NO. 960101	Anti-Threat Control Systems (Atcs)		12.CCC	64,587
			Total for 12.CCC		**64,587**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918308	SUB UNDER NIH PRIME 2-P01-ES006052	Molecular Biomarkers For Environmental T		93.113	392,088
6918309	SUB UNDER NIH PRIME 2-P01-ES006052	Child - Wogan 6918308		93.113	199,728
			Total for 93.113		**591,816**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921948	2000336980	Clinical And Translational Science Award		93.389	-2,078
6924123	2000336980	Institute For Clinical And Translational		93.389	113,598
			Total for 93.389		**111,520**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924816	SUBAWARD AGMT. NO.2001325344	Efri-M3C: Robust Decoder-Compensator Arc		47.041	58,685
			Total for 47.041		**58,685**
			Total for Johns Hopkins University		**910,552**

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Total for Johns Hopkins University **316,992**

Mount Sinai Medical Center

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6922301	0254-7833-4609	Neural Substrates Of Appetitive Behavior	93.242	7,973
6924421	0254-7833-4609	Neural Substrates Of Appetitive Behavior	93.242	79,332
		Total for 93.242		**87,305**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923327	MSSM NO. 0258-3921/HHSN268201000045C	Tranlational Nanomedical Therapies For C	93.CCC	728,804
6924815	MSSM NO. 0258-3561/HHSN266200700010C	Naiad Centers Of Excellence For Influenz	93.CCC	453,703
		Total for 93.CCC		**1,182,507**
		Total for Mount Sinai Medical Center		**1,269,812**

Mayo Clinic Rochester

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924776	5-R01-EB002640-13	Arterial Properties From Stimulated Acou	93.286	43,931
		Total for 93.286		**43,931**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923787	90TR0002/01	ARRA - Sharp Area 4: Secondary Use Of Ehr Data	93.728	196,215
		Total for 93.728		**196,215**
		Total for Mayo Clinic Rochester		**240,146**

Rice University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924728	SUBAWARD NO. R17371	Tunable Phoxonic Band Gap Materials From	12.800	40,329
		Total for 12.800		**40,329**
		Total for Rice University		**40,329**

ICF Incorporated, L.L.C.

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924704	11 RH 00070	Energy Star Residential + Labelinc Task		66.CCC	30,000
			Total for 66.CCC		**30,000**
			Total for ICF Incorporated, L.L.C.		**30,000**

Rensselaer Polytechnic Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922756	SUBAWARD A12141	Tms: Defect Modeling Beyond Density Func		81.049	10,886
6924635	SUBAWARD A12141	Tms: Defect Modeling Beyond Density Func		81.049	100,704
			Total for 81.049		**111,590**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921530	A12160	Web 3.0 For Army Knowledge Online		12.910	-5,829
			Total for 12.910		**-5,829**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921314	A71357	Social And Cognitive Networks Academic R		12.630	59,156
			Total for 12.630		**59,156**
			Total for Rensselaer Polytechnic Institute		**164,917**

Universidad Central del Caribe

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922628	SUB UNDER PRIME U54-NS039408-11	Snrp Program At Ucc		93.853	12,058
6924633	SUB UNDER PRIME U54-NS039408-12	Snrp Program At Ucc		93.853	78,607
			Total for 93.853		**90,665**
			Total for Universidad Central del Caribe		**90,665**

Harvard School of Public Health

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922778	5-P01-TP000307-03	Linking Assessment And Measurement To Ph		93.930	136,342
6924631	5-P01-TP000307-04	Linking Assessment And Measurement To Ph		93.930	93,867

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			Total for 93.930		**230,209**
			Total for Harvard School of Public Health		**230,209**

Wayne State University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924618	WSU11095	Mri: Development Of A Chirped-Pulse, Fou		47.081	26,422
			Total for 47.081		**26,422**
			Total for Wayne State University		**26,422**

Purdue University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918661	AGMT. NO. 4104-23214	Nanoscale Optical Antenna Array For Cont		12.CCC	91,739
			Total for 12.CCC		**91,739**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919995	AGMT. NO. 4103-30368	Changes Of Land-Cover And Land-Use And G		43.CCC	48,639
			Total for 43.CCC		**48,639**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918125	SUBAWARD #4101-24873	Polaritonics Platform For Terhertz Signa		47.041	11,385
6921215	SUBAWARD #4101-32475	Ncn@Mit University Partnership		47.041	268,678
6924355	AGMT. NO. 4101-43959	A Scalable Nanomanufacturing Machine For		47.041	133,632
6924611	SUBAWARD #4101-44669	Terahertz Field Control For Signal Proce		47.041	36,731
			Total for 47.041		**450,426**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922872	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	-141,269
6922873	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	60,635
6922874	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	147,368
6922875	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	111,561
6922876	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	62,208
6924018	SUBAWARD #4101-38045	Emerging Frontiers Of Science Of Informa		47.070	239,750
			Total for 47.070		**480,253**
			Total for Purdue University		**1,071,057**

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Haskins Laboratories

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922744	CONSORTIUM AGMT. UNDER NIH R01-DC008780	Variability And Error In Speech Producti		93.173	7,640
6924609	CONSORTIUM AGMT. UNDER NIH R01-DC008780	Variability And Error In Speech Producti		93.173	56,035
			Total for 93.173		**63,675**
			Total for Haskins Laboratories		**63,675**

National Institute of Aerospace

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924548	T09-6200-MIT	Propulsion/Airframe Noise Scattering Pre		43.CCC	66,943
			Total for 43.CCC		**66,943**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924060	C11-2800-MIT	Activity 2861-Mit: Very Flexible Aircraf		43.000	42,990
			Total for 43.000		**42,990**
			Total for National Institute of Aerospace		**109,933**

Tufts University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918999	SUBCONTRACT UNDER NNX09AM63G	Lunar Volatiles And Magma Ocean Differen		43.000	26,745
			Total for 43.000		**26,745**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922743	P.O.5004210-SERV	Understanding And Eliminating Oncogenic		93.396	51,221
6924513	P.O.5004210-SERV	Understanding And Eliminating Oncogenic		93.396	78,853
			Total for 93.396		**130,074**
			Total for Tufts University		**156,819**

University of Massachusetts - Amherst

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923018	06-003720 K 01	Metrology And Process Modeling For Roll-		47.041	116
6924482	11-006642 E 00	Metrology And Process Modeling For Roll-		47.041	151,824
			Total for 47.041		**151,940**
			Total for University of Massachusetts - Amherst		**151,940**

Rockefeller University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920778	R01DK085713-01	Modeling Human Hepatotropic Infections I		93.310	-2,017
6922584	R01DK085713-02	Modeling Human Hepatotropic Infections I		93.310	58,221
6924440	R01DK085713-03	Modeling Human Hepatotropic Infections I		93.310	212,960
			Total for 93.310		**269,164**
			Total for Rockefeller University		**269,164**

J. David Gladstone Institutes

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922923	R2216-A	The Epigenetic Landscape Of Heart Develo		93.837	42,887
6924415	R2216-A	The Epigenetic Landscape Of Heart Develo		93.837	241,772
			Total for 93.837		**284,659**
			Total for J. David Gladstone Institutes		**284,659**

Temple University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922585	238899	Evaluation Of Cartilage Tissue Engineeri		93.846	40,363
6924371	238899	Evaluation Of Cartilage Tissue Engineeri		93.846	20,121
			Total for 93.846		**60,484**
			Total for Temple University		**60,484**

University of Maryland

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924118	Z660401	Emff-Iss Testbed Program		43.CCC	123,086
			Total for 43.CCC		**123,086**

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923071	Z841801	Muri: Atomtronics: Material And Device P	12.431	179,234
6923511	Z841801	Chuang Child	12.431	46,421
6924354	Z841801	Fabricated Equipment: Atomtronics Appara	12.431	43,272
		Total for 12.431		**268,927**
		Total for University of Maryland		**392,013**

Stevens Institute of Technology

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918979	SUBAWARD #527583-0901	Stevens Institute Of Technology Center O	97.061	-405
6922987	SUBAWARD #527782-001	The National Center For Secure And Resil	97.061	-285
6924350	SUBAWARD #526754-001	The National Center For Secure And Resil	97.061	151,742
		Total for 97.061		**151,052**
		Total for Stevens Institute of Technology		**151,052**

Florida Institute for Human and Machine Cognition

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924329	W91CRB-11-1-0001-IHMC1	Fastrunner: High Speed, Efficient, Dynam	12.910	167,542
		Total for 12.910		**167,542**
		Total for Florida Institute for Human and Machine Cognition		**167,542**

Lockheed Martin Advanced Technology Laboratories

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924319	4100153694	Knowledge Enhanced Compressive Measureme	12.CCC	31,260
		Total for 12.CCC		**31,260**
		Total for Lockheed Martin Advanced Technology Laboratories		**31,260**

The Ohio State University Foundation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6919092	FOUNDATION PROJECT #60013800	Empirical Estimation Of Information Meas	12.CCC	4,024
6924293	FOUNDATION PROJECT #60029346	Empirical Estimation Of Information Meas	12.CCC	35,601

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			Total for 12.CCC		**39,625**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918097	60014918	Stochastic Control Of Multi-Scale Networ		12.431	187,587
			Total for 12.431		**187,587**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921207	PO RF01227732 / RF01192687 PROJECT NO. 60023094	Automated, Flexible And Massively Parall		47.041	76,557
			Total for 47.041		**76,557**
WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6899599	FOUNDATION PROJECT #60006916	Muri- Integrated Fusion, Performance Pre		12.800	43,380
6899946	FOUNDATION PROJECT #60006916	Willsky - Child		12.800	34,559
			Total for 12.800		**77,939**
			Total for The Ohio State University Foundation		**381,708**

Science Applications International Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921716	P010040434	Identifying Individual Susceptibility To		12.CCC	-57,000
6922563	P010053329	Lanthanide Based Quantum Dots For Optica		12.CCC	35,639
6923858	P010069889	Identifying Individual Susceptibility To		12.CCC	113,127
6924228	P010086661	Onr Environmental And Ship Motion Foreca		12.CCC	165,650
			Total for 12.CCC		**257,416**
			Total for Science Applications International Corporation		**257,416**

Aerodyne Research Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918737	ARI SUBCONTRACT 10546-3	Quantifying Sulfate, Organics, And Lubri		12.CCC	1,224
6922930	STTR AGMT. DTD 9/24/10	Characterizing Jp-10 High Temperature De		12.CCC	176,175
			Total for 12.CCC		**177,399**

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WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6920580	ARI10609-1	Sbir: Volatility-Resolved Measurements	81.049	206
6922883	ARI-10609-03	Sbir Phase Ii: Volatility-Resolved Meas	81.049	58,186
6924215	RES. AGMT. EFF. 3/16/11	Biomass To Olefins By Catalytic Fast Pyr	81.049	46,758
		Total for 81.049		**105,150**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921427	AGREEMENT DATED 12/3/2009	ARRA - Sbir: An Adaptive Chemistry Approach To	43.CCC	-1,596
6923645	SUBCONTRACT NO. ARI10715-1	New Combustion Cfd Algorthms Designed Fo	43.CCC	18,118
		Total for 43.CCC		**16,522**
		Total for Aerodyne Research Incorporated		**299,071**

Drexel University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924175	235660	ARRA - Mri-R2: Development Of A Common Platform	47.082	76,027
		Total for 47.082		**76,027**
		Total for Drexel University		**76,027**

Kitware, Inc

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924171	K000193-S08	Darpa Virat Phase Ii	12.CCC	37,866
		Total for 12.CCC		**37,866**
		Total for Kitware, Inc		**37,866**

Liquid Metal Battery Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6924168	AGMT. DTD. 6/30/11	Sttr Agreement Dated 6/30/11	12.300	25,188
		Total for 12.300		**25,188**
		Total for Liquid Metal Battery Corporation		**25,188**

Sri International

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6924161	SUBCONTRACT #206-000035	Plug And Play Navigation Algorithms And		12.CCC	142,412
			Total for 12.CCC		**142,412**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6916649	SUBCONTRACT NO. 59-001315	Madrigal Database System For The Advance		47.050	58,511
			Total for 47.050		**58,511**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919662	SUBAGREEMENT 33-000075	Nuclear Energy Release From Metal Deuter		12.351	19,541
			Total for 12.351		**19,541**
			Total for Sri International		**220,464**

Brown University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921890	SUBAWARD 0000276; P.O. P261163	Multiscale Modeling And Parallel Simulat		93.839	297,910
6924113	SUBAWARD 00000276; P.O. P261163	Multiscale Modeling And Parallel Simulat		93.839	85,112
			Total for 93.839		**383,022**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6916449	PO #P996642	Biologically Inspired Flight For Micro A		12.800	345,402
6920882	00000272	Multi-Scale Fusion Of Information For Un		12.800	154,865
6920918	00000272	Willcox Child Account		12.800	243,907
			Total for 12.800		**744,174**
			Total for Brown University		**1,127,196**

Physical Sciences, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919826	SC49378-1626	Sbir: Suraface Plasmon Enhanced Optical		12.CCC	5,174
6924098	SC55664-6290-001	Sttr: Miniature Quantum Gas System Based		12.CCC	29,324
			Total for 12.CCC		**34,498**
			Total for Physical Sciences, Incorporated		**34,498**

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University of New Hampshire

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921871	SUBCONTRACT NO. 10-071	Phase B: Radiation Belt Storm Probes - E	43.CCC	23,917
6924091	SUBCONTRACT NO. 11-133	Continuing Mit Support Of The Interstell	43.CCC	203,152
		Total for 43.CCC		**227,069**
		Total for University of New Hampshire		**227,069**

Florida Power and Light Company

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923906	LETTER DTD 5/16/11	ARRA - Smart Energy Grid Associates Partnership	81.122	90,323
		Total for 81.122		**90,323**
		Total for Florida Power and Light Company		**90,323**

APIC Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921852	AGMT DATED 5-1-10	Flip Program Task E Ge Laser	12.CCC	587,995
6922318	AGMT DATED 5-1-10	Tasks For Flip - Stojanovic	12.CCC	40,161
6922319	AGMT DATED 5-1-10	Tasks For Flip (Peh)	12.CCC	54,280
6923116	AGMT DATED 5-1-10	Tasks For Flip (Lezama)	12.CCC	37,875
6923401	AGMT DATED 5-1-10	Task A Year 1 Of Flip Program (Kimerling	12.CCC	335,981
6923468	AGMT DATED 5-1-10	Task A Year 1 Of Flip Program (Watts)	12.CCC	1,309
6923897	SUBCONTRACT/PO 27287	Low Power, Wide-Band, Wdm Microphotonic	12.CCC	276,862
		Total for 12.CCC		**1,334,463**
		Total for APIC Corporation		**1,334,463**

Carnegie-Mellon University

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921196	1141207-236214	Decentralized Reasoning In Reduced Infor	12.300	83,154
		Total for 12.300		**83,154**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6923891	1130128-258552	Omnitrans: An Omnivorous Framework For T	12.431	223,066
		Total for 12.431		**223,066**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921370	1121137-238174	The Two Wonders Of Working Together: How		47.075	2
			Total for 47.075		**2**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918868	1150069-218432	Human Automated Planner Interaction For		12.800	100,610
6918905	1150069-218432	Human Automated Planner Interaction For		12.800	15,295
			Total for 12.800		**115,905**
			Total for Carnegie-Mellon University		**422,127**

Florida Fish and Wildlife Conservation Commission

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923885	AGREEMENT NO. 10321	Considering Climate Change In State Wild		15.634	-11,963
			Total for 15.634		**-11,963**
			Total for Florida Fish and Wildlife Conservation Commission		**-11,963**

USAMP

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923884	11-2613-AMP / 11-2768-AMP	Advanced Fracture Modeling Of Light-Weig		81.CCC	149,946
			Total for 81.CCC		**149,946**
			Total for USAMP		**149,946**

The Joint Institute for Strategic Energy Analysis

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923788	UGA-0-41029-03 TASK NO. 6A502023	Power System Balancing With High Renewab		43.CCC	30,490
			Total for 43.CCC		**30,490**
			Total for The Joint Institute for Strategic Energy Analysis		**30,490**

University of Tennessee at Chattanooga

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923775	AGRMT DATED 4/12/11	Geometry Handling Beyond Grid Generation		12.CCC	32,297

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			Total for 12.CCC		**32,297**
			Total for University of Tennessee at Chattanooga		**32,297**

General Motors Company

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923761	GVS01289 PRKY4001 001	Research, Development, And Demonstration		81.087	320,917
			Total for 81.087		**320,917**
			Total for General Motors Company		**320,917**

The Scripps Research Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922884	PO #5-23542	Bioinformatics Core - Core B		93.859	434,244
6923715	PO #5-23586	Advanced Development Of Aza-Beta-Lactam		93.859	10,445
			Total for 93.859		**444,689**
			Total for The Scripps Research Institute		**444,689**

Advanced Cooling Technologies, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923708	AGREEMENT DTD 5/10/11	Advanced Cooling Technologies Through Ph		47.041	38,089
			Total for 47.041		**38,089**
			Total for Advanced Cooling Technologies, Inc.		**38,089**

University of Hawaii

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923680	NNX11AB32G SUBAWARD NO. Z	Lunar Paleomagnetism		43.CCC	9,846
			Total for 43.CCC		**9,846**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914649	Z792093-06	C-More Child - Chisholm		47.074	280,942
6914650	Z792093-06	C-More Child - Delong		47.074	207,752
6914651	Z792093-06	C-More Child - Boyle		47.074	80,318
			Total for 47.074		**569,012**
			Total for University of Hawaii		**578,858**

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Alion

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923672	PO #PUR1214265	Agile Robotics Technology Transfer Activ		12.CCC	13,280
			Total for 12.CCC		**13,280**
			Total for Alion		**13,280**

University of Connecticut

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921257	FRS NO. 525227	Ketterle Research		12.800	147,936
			Total for 12.800		**147,936**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921129	PSA #6795	ARRA - Language Development And Outcome In Chil		93.701	12,251
6923607	PSA #6795	ARRA - Fab Equipment: Speechome Recorder		93.701	23,000
			Total for 93.701		**35,251**
			Total for University of Connecticut		**183,187**

Case Western Reserve University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920554	RES504334	Raman Spectroscopy For Guidance Of Stere		93.394	37,223
			Total for 93.394		**37,223**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920637	ROLLINS RES504358 INVOICE	Investigating The Early Embryonic Murine		93.837	57,350
6923587	RES504358; PARENT RES109575	Fabrication: Fourier Domain Mode-Locked		93.837	1,666
			Total for 93.837		**59,016**
			Total for Case Western Reserve University		**96,239**

ProCure Treatment Centers, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923549	RES. AGMT. EFF. 3/15/11	Sbir: Superconducting Magnet Assembly De		93.000	12,485
			Total for 93.000		**12,485**

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			Total for ProCure Treatment Centers, Inc.		**12,485**

Missouri Botanical Garden

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923470	NSF 05986W2	Lions		47.076	18,237
			Total for 47.076		**18,237**
			Total for Missouri Botanical Garden		**18,237**

Clemson University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923393	1501-203-2008185	Gradient Films From Shape Memory Nanofoa		12.351	196,444
			Total for 12.351		**196,444**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923026	1483-225-2007743	Compact, Highly Selective And Specific,		81.113	171,331
			Total for 81.113		**171,331**
			Total for Clemson University		**367,775**

New England Fishery Management Council

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923391	RES. AGMT. DTD. 1/1/11	Nefmc Herring Management Impact Plan Soc		11.441	7,213
			Total for 11.441		**7,213**
			Total for New England Fishery Management Council		**7,213**

DCG Systems, Inc

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923294	SUBCONTRACT UDR. FA8650-11-C-7105	Development Of Superconducting Nanowire		12.CCC	337,936
			Total for 12.CCC		**337,936**
			Total for DCG Systems, Inc		**337,936**

Praevium Research Inc.

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923290	SBIR AGMT 2R44CA101067-05	Ultrahigh Speed And Resolution Oct/Ocm U		93.394	104,151
			Total for 93.394		**104,151**
			Total for Praevium Research Inc.		**104,151**

University of Wisconsin

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920652	162K971	Multistability In Biological Networks		93.859	-124
6922440	162K971	Multistability In Biological Networks		93.859	146
6923278	162K971	Multistability In Biological Networks		93.859	75,873
			Total for 93.859		**75,895**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914562	K083643	Enabling Gravitational-Wave Astronomy On		47.049	36,018
			Total for 47.049		**36,018**
			Total for University of Wisconsin		**111,913**

Detroit Diesel Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923260	PO# 1590010182	ARRA - Fuel-Economy Improvement Via Low-Engine-		81.049	150,768
			Total for 81.049		**150,768**
			Total for Detroit Diesel Corporation		**150,768**

Cytex Therapeutics, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923102	RES. AGMT. DTD. 11/23/10	Hip Joint Resurfacing With Functional Hu		93.846	121,431
			Total for 93.846		**121,431**
			Total for Cytex Therapeutics, Inc.		**121,431**

International Business Machine

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922817	AGREEMENT NUMBER 4910018860.0	Machine Reading		12.CCC	110,388
6923094	491005935.0	Impact Analysis Of Informal Organization		12.CCC	6,521
			Total for 12.CCC		**116,909**
			Total for International Business Machine		**116,909**

Logos Technologies, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923061	SUB-258-MIT1	Microbial Processes For Jet Fuel Precurs		12.CCC	274,817
			Total for 12.CCC		**274,817**
			Total for Logos Technologies, Inc.		**274,817**

University of Rochester

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6916723	PO #414005-G, UR ACCOUNT #5-27939	Muri (Onr): Complex Learning And Skill T		12.300	3,373
			Total for 12.300		**3,373**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917101	414090-G	National Intertial Confinement Fusion Pr		81.049	381,134
6921558	PO #415023-G, UR ACCOUNT #5-24431	Fusion Science Ceneter For Extreme State		81.049	225,318
			Total for 81.049		**606,452**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923028	415337-G, UR 5-29617	Theory - U. Rochester		12.431	80,662
6923029	415337-G, UR 5-29617	Experiment - U Rochester		12.431	108,024
			Total for 12.431		**188,686**
			Total for University of Rochester		**798,511**

University of Virginia

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6915786	GG10931-128299	An Integrated Cellurlar Materials Approa		12.300	145,753
			Total for 12.300		**145,753**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6923012	GG11371-136709	Reconfigurable Array Of Magnetic Automat		12.910	206,004
			Total for 12.910		**206,004**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922648	GC12015.136211	Cell Migration Consortium		93.000	46,622
6922857	GC12015.136211	Griffith Cell Migration Child - 6922648		93.000	34,226
			Total for 93.000		**80,848**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922599	GC12015.136208	Cell Migration Consortium		93.821	1,418
			Total for 93.821		**1,418**
			Total for University of Virginia		**434,023**

Kestrel Institute

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922988	10-C-7026-MIT	Confinement Of New Executable Software B		12.CCC	1,026,779
			Total for 12.CCC		**1,026,779**
			Total for Kestrel Institute		**1,026,779**

Northwestern University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920867	SUBAWARD SP0005442 - PROJ0001738	Multiscale Design And Manufacturing Of H		12.431	76,874
			Total for 12.431		**76,874**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922982	SUB SP0008093-PROJ0002233	A Hybrid Forming System: Electrical-Assi		81.086	10,868
			Total for 81.086		**10,868**

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921919	611-4733000-60026039 PROJ0002226	ARRA - The Science Of Concrete With Fly Ash: Fu		11.609	-5,771
			Total for 11.609		**-5,771**
			Total for Northwestern University		**81,971**

SAIC Telcordia Technologies, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922943	SUBCONTRACT NO. P010059851	Confinement Of New Executable Software B		12.CCC	338,227
			Total for 12.CCC		**338,227**
			Total for SAIC Telcordia Technologies, Incorporated		**338,227**

Teledyne Scientific & Imaging LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920026	G9U535369, LLC GENERAL ORDER 71327	Carbon Based Nanothermal Interface		12.CCC	191,075
6922939	B0U541911, LLC GENERAL ORDER 71327	Cnt/Solder And Graphene/Solder Interface		12.CCC	89,152
			Total for 12.CCC		**280,227**
			Total for Teledyne Scientific & Imaging LLC		**280,227**

Q-Peak, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922676	PO55097	Sttr: Phase Ii: Mid-Ir Precision Frequen		12.CCC	8,923
6922851	PO55097	Sttr: Phase Ii: Mid-Ir Precision Frequen		12.CCC	80,470
			Total for 12.CCC		**89,393**
			Total for Q-Peak, Inc.		**89,393**

Scientific Systems Company, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922820	STTR AGMT 1518-1	Real-Time Determination And Prediction O		12.CCC	36,904
			Total for 12.CCC		**36,904**
			Total for Scientific Systems Company		**36,904**

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			Total for Scientific Systems Company, Incorporated		**36,904**

HRL Laboratories, LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922728	SUBCONTRACT 9040-000174	Neovision2		12.CCC	147,434
			Total for 12.CCC		**147,434**
			Total for HRL Laboratories, LLC		**147,434**

Hampton University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922700	10-002	ARRA - Mri-R2 Consortium: Development Of Forwar		47.082	-386
			Total for 47.082		**-386**
			Total for Hampton University		**-386**

Weill Medical College

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922662	10030434	ARRA - Design Of Peptide Entry Inhibitors & Del		93.701	27,669
			Total for 93.701		**27,669**
			Total for Weill Medical College		**27,669**

Harvard College Observatory

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919144	131225-02	Astro-Comb Optical Wavelength Calibrator		43.000	62,663
			Total for 43.000		**62,663**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921715	AGREEMENT 131258	ARRA - Quantum Control Techniques For Diamond-B		11.609	136,681
6922622	AGREEMENT 131258	ARRA - Fabrication: Mw/Rf Controller		11.609	5,779
			Total for 11.609		**142,460**
			Total for Harvard College Observatory		**205,123**

Vector Controls, Inc.

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922475	AGMT DATED 6-28-10	Sttr - N10A-T036 Mitigation Of Usv Motio		12.CCC	9,000
			Total for 12.CCC		**9,000**
			Total for Vector Controls, Inc.		**9,000**

University of Massachusetts

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920904	6114287/RFS900203	ARRA - A Mobile Enhancing Technology To Promote		93.701	35,010
6922436	6114287/RFS900203	ARRA - A Mobile Enhancing Technology To Promote		93.701	128,420
			Total for 93.701		**163,430**
			Total for University of Massachusetts		**163,430**

University of Arizona

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921480	Y553501	Fabricated Equipment - Confocal Volume H		93.394	382
			Total for 93.394		**382**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922356	Y560211	3D Holographic Display Technology With L		12.910	5,153
			Total for 12.910		**5,153**
			Total for University of Arizona		**5,535**

Aurora Flight Sciences RDC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922354	AFS10-0647	Autonomous Landing At Unprepared Site Fo		12.CCC	6,361
			Total for 12.CCC		**6,361**
			Total for Aurora Flight Sciences RDC		**6,361**

Florida State University Foundation, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918453	SUBAWARD NO. R01017	Fighter Jet Aircraft Noise Suppression U		12.300	2,375
			Total for 12.300		**2,375**

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6917413	SUBAWARD NO. R00907	Task 3.4 Slip Ring Motors For Ship Propu		12.CCC	72,162
6917414	SUBAWARD NO. R00907	Task 3.5 Electric Distribution Systems S		12.CCC	43,517
6917415	SUBAWARD NO. R00907	Task 3.5 Electric Distribution Systems S		12.CCC	56,764
6917416	SUBAWARD NO. R00907	Task 3.6 Control And Protection Systems		12.CCC	22,534
6917417	SUBAWARD NO. R00907	Task 3.7 Research Integration And Techno		12.CCC	136,327
6917497	SUBAWARD NO. R00907	Esrdc Integration And Technology		12.CCC	41,656
6917498	SUBAWARD NO. R00907	Esrdc Board		12.CCC	94,283
6922251	SUBAWARD NO. R00907	Contra Rotating Propeller Test Bed Devic		12.CCC	3,705
			Total for 12.CCC		**470,948**
			Total for Florida State University Foundation, Incorporated		**473,323**

Industrial Economics, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922249	5600-MIT	Identification Of Ocs Renewable Energy S		15.CCC	27,194
			Total for 15.CCC		**27,194**
			Total for Industrial Economics, Inc.		**27,194**

UES, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921322	PO. S-875-050-001	Semi-Solid Flow Cells: Low-Cost, Ultrahi		12.CCC	29,068
6921545	PO. S-875-050-001	Subcontract Rutgers - 6921322		12.CCC	58,416
6922119	PO. S-875-080-002	Ultrahigh Energy Density Nanomaterials C		12.CCC	1,985
			Total for 12.CCC		**89,469**
			Total for UES, Inc.		**89,469**

Mass. Eye And Ear

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918861	PO F272662/2-R01-DC005755-06A1	Bilateral Cochlear Implants: Physiology		93.173	59,095
6922079	MEEI 30423	Auditory Neural Coding Of Speech		93.173	131,587
			Total for 93.173		**190,682**
			Total for Mass. Eye And Ear		**190,682**

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Evolved Machines Federal Contracting, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6922027	HR0011-10-C-0032	Neovision 2 - Next Generation Visual Obj		12.CCC	252,895
			Total for 12.CCC		**252,895**
			Total for Evolved Machines Federal Contracting, Inc.		**252,895**

University of Pennsylvania

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918026	549969	Coverage By Teams Of Autonomous Ground A		12.CCC	50,210
6921931	549969	Child Account: Roy: Coverage By Teams Of		12.CCC	18,942
			Total for 12.CCC		**69,152**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6897818	544252	Swarms: Scallable Swarms Of Autonomous R		12.431	62,250
			Total for 12.431		**62,250**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920502	R01-EB008396-03	Engineering Multicellular Tissue Structu		93.286	251,532
			Total for 93.286		**251,532**
			Total for University of Pennsylvania		**382,934**

SURA / Jefferson Lab

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921867	P.O. 10-P2471	Experimental Research Supervision At Jef		81.049	17,191
			Total for 81.049		**17,191**
			Total for SURA / Jefferson Lab		**17,191**

Ferro Solutions, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6921765	SBIR AGMNT DATED 4/15/10	Phase I Sbir: Wireless Optical Neuromodu		93.CCC	76,073
			Total for 93.CCC		**76,073**
			Total for Ferro Solutions, Inc.		**76,073**

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Nitronex Corporation

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921681	AGMT. DTD 4/27/10	Sbir: Device Level Thermal Management So	12.CCC	63,601
		Total for 12.CCC		**63,601**
		Total for Nitronex Corporation		**63,601**

1366 Technologies, Incorporated

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921654	AGRMT SIGNED APRIL 2, 2010 DE-AR0000031	ARRA - 1366 Direct Wafer: Enabling Terawatt Pho	81.135	55,559
		Total for 81.135		**55,559**
		Total for 1366 Technologies, Incorporated		**55,559**

Whitehead Institute/Biomedical Research

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921571	11-1640-3056	ARRA - Chaperone Protein & Protein Conformation	93.701	-74
		Total for 93.701		**-74**
		Total for Whitehead Institute/Biomedical Research		**-74**

Brookhaven National Laboratory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921421	157503	Brookhaven Sub: Platinum Monolayer Oxyge	81.CCC	31,654
		Total for 81.CCC		**31,654**
		Total for Brookhaven National Laboratory		**31,654**

University of Utah

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6918968	10007909-MIT	Visualization Of High-Order Finite Eleme	12.431	20,834
		Total for 12.431		**20,834**

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6921157	10014858-02	Improving Health Outcomes Through Comput	93.847	5,534

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			Total for 93.847		**5,534**
			Total for University of Utah		**26,368**

Microelectronics Advanced Research Corp.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920985	NO. 2009-MT-2051	Columbia University		12.CCC	73,221
6920986	NO. 2009-MT-2051	Cornell University		12.CCC	159,310
6920987	NO. 2009-MT-2051	Harvard University		12.CCC	134,688
6920988	NO. 2009-MT-2051	Penn State		12.CCC	239,013
6920989	NO. 2009-MT-2051	University Of Pennsylvania		12.CCC	163,217
6920990	NO. 2009-MT-2051	Purdue University		12.CCC	507,547
6920991	NO. 2009-MT-2051	Stanford University		12.CCC	807,439
6920992	NO. 2009-MT-2051	Suny Albany		12.CCC	117,042
6920993	NO. 2009-MT-2051	University Of California Berkley		12.CCC	872,097
6920994	NO. 2009-MT-2051	University Of California San Diego		12.CCC	23,793
6920995	NO. 2009-MT-2051	University Of Illinois Chicago		12.CCC	216,384
6920997	NO. 2009-MT-2051	University Of Texas Austin		12.CCC	134,496
6920998	NO. 2009-MT-2051	University Of Texas Dallas		12.CCC	247,839
6921000	NO. 2009-MT-2051	Antoniadis		12.CCC	229,383
6921001	NO. 2009-MT-2051	Bulovic		12.CCC	3,975
6921002	NO. 2009-MT-2051	Dealamo		12.CCC	236,439
6921003	NO. 2009-MT-2051	Fitzgerald		12.CCC	163,942
6921004	NO. 2009-MT-2051	Hoyt		12.CCC	143,738
6921005	NO. 2009-MT-2051	Jing Kong		12.CCC	114,411
6921006	NO. 2009-MT-2051	Tomas Palacios		12.CCC	270,078
6921010	NO. 2009-MT-2051	Dana Weinstein		12.CCC	100,078
6921011	NO. 2009-MT-2051	Program Admin		12.CCC	313,725
			Total for 12.CCC		**5,271,855**
			Total for Microelectronics Advanced Research Corp.		**5,271,855**

InfoScitex Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920983	SUBCONTRACT #1359-S001	Catheter Guidance System For Rf Ablation		93.837	386,026
			Total for 93.837		**386,026**
			Total for InfoScitex Corporation		**386,026**

DSO National Laboratories

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920974	SUBAWARD #DSOCO09210	Transfer Learning For Adaptive Relation		12.910	4,612
			Total for 12.910		**4,612**
			Total for DSO National Laboratories		**4,612**

University of Louisville Research Foundation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920973	SUBAWARD NO. ULRF 09-0532-01	Enhancement Of Excition Dissociation In		47.000	21,671
			Total for 47.000		**21,671**
			Total for University of Louisville Research Foundation		**21,671**

ExplorationWorks

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920945	AGREEMENT DATED 10/9/09	Montana'S Big Sky Space Education: The N		43.CCC	41,874
			Total for 43.CCC		**41,874**
			Total for ExplorationWorks		**41,874**

University of Minnesota

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917008	X5336545105	Radiation Belt Storm Probe Efw Project		43.CCC	5,830
			Total for 43.CCC		**5,830**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920941	A000649301	Towards A Theory For Network Robustness		12.351	176,039
			Total for 12.351		**176,039**
			Total for University of Minnesota		**181,869**

National Academy of Sciences

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920927	HR 20-83 (001)	Economic Changes Driving Future Freight		20.200	256,995
			Total for 20.200		**256,995**

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			Total for National Academy of Sciences		**256,995**

Rehabilitation Institute of Chicago

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920877	AGREEMENT DATED 10/29/2009	Development Of A Neural Interface For Po		12.42	152,163
			Total for 12.42		**152,163**
			Total for Rehabilitation Institute of Chicago		**152,163**

Weston Geophysical Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920794	FA8718-09-C-0013	Estimating The Uncertainty And Predictiv		12.CCC	61,810
			Total for 12.CCC		**61,810**
			Total for Weston Geophysical Corporation		**61,810**

Research Foundation of SUNY-Albany

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920792	09-18	Rna Modifications As Biomarkers Of Envir		93.113	193,167
			Total for 93.113		**193,167**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919154	SUBCONTRACT AGMT. #08-58	Nri/Index Program: Supplemental Project		11.CCC	150,655
6919155	SUBCONTRACT AGMT. #08-58	Nri/Index Program: Supplemental Project		11.CCC	-245
6919724	SUBCONTRACT AGMT. #08-58	Index Program: Supplemental Projects		11.CCC	469
6919725	SUBCONTRACT AGMT. #08-58	Index Program: Supplemental Projects		11.CCC	20,905
6919726	SUBCONTRACT AGMT. #08-58	Index Program: Supplemental Projects		11.CCC	90,144
			Total for 11.CCC		**261,928**
			Total for Research Foundation of SUNY-Albany		**455,095**

Nemometrics LLC

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920781	AGMT DTD 11/03/09 UNDER DE-SC0002231	Sttr Phase I: Lighting With No Watt Lef		81.049	240,534
			Total for 81.049		**240,534**
			Total for Nemometrics LLC		**240,534**

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			Total for Nemometrics LLC		**240,534**

IRobot Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918293	PO 48486	A Soft, Flexible, Mobile System		12.CCC	-149
6920705	PO 48486	Kim Child Account		12.CCC	40
			Total for 12.CCC		**-109**
			Total for IRobot Corporation		**-109**

The Research Foundation - Stony Brook University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920499	51055	Northeastern Chemical Energy Storage Cen		81.049	286,546
			Total for 81.049		**286,546**
			Total for The Research Foundation - Stony Brook University		**286,546**

Carnegie Institution of Washington

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920454	SUBCONTRACT NO. DTM-325-1018	Messenger Discovery Mission To Mercury		43.CCC	161,635
			Total for 43.CCC		**161,635**
			Total for Carnegie Institution of Washington		**161,635**

Indiana University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920381	PO 645036 SUB IUB-4840215-MIT	Transactive Art: An Inclusive Game-Base		47.070	38,953
			Total for 47.070		**38,953**
			Total for Indiana University		**38,953**

Harris Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6920183	A000110991	Quantum Sensor Program		12.CCC	203,667
			Total for 12.CCC		**203,667**
			Total for Harris Corporation		**203,667**

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University of California-Riverside

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919683	S-0000343	Graphene Strain-Tronics		12.300	14,385
			Total for 12.300		**14,385**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919960	S-000354	Casimir Force Neutralization And Dynamic		12.910	51,361
			Total for 12.910		**51,361**
			Total for University of California-Riverside		**65,746**

Advanced Mechanical Technologies, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919874	AMTI-JN2415	Sttr: Cryogenic Cooling Technologies For		43.CCC	67,343
			Total for 43.CCC		**67,343**
			Total for Advanced Mechanical Technologies, Incorporated		**67,343**

Perceptronics Solutions, Incorporated

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919452	N00014-09-C-0405	Automated Mission Scheduler (Ams)		12.CCC	4,804
			Total for 12.CCC		**4,804**
			Total for Perceptronics Solutions, Incorporated		**4,804**

Magnolia Optical Technologies, Inc.

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919438	AGMT DTD. 4/7/09	Design And Development Of Silicon-Based		12.CCC	21,043
			Total for 12.CCC		**21,043**
			Total for Magnolia Optical Technologies, Inc.		**21,043**

Joslin Diabetes Center

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WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6919202	AGMT UNDER 1-R01-EY019029-01	Role Of The Kallikrein-Kinin System In D		93.867	23,428
			Total for 93.867		**23,428**
			Total for Joslin Diabetes Center		**23,428**

Applied Physics Lab of John Hopkins

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918668	SUB. CONTR. #943802	A Model-Based Approach To Robust Goal-Ba		12.CCC	-252
			Total for 12.CCC		**-252**
			Total for Applied Physics Lab of John Hopkins		**-252**

UNAVCO

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917525	SUB. UNDER EAR-735156-01	Unavco Community And Facility: Geodesy A		47.050	162,768
			Total for 47.050		**162,768**

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918636	SUB. UNDER EAR-0732947-03	Pbo Analysis Center Coordinator: Collabo		47.082	72,859
			Total for 47.082		**72,859**
			Total for UNAVCO		**235,627**

University of California - Santa Cruz

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918633	SO182209	Metal-Semiconductor Nanocomposites For H		12.431	47,164
			Total for 12.431		**47,164**
			Total for University of California - Santa Cruz		**47,164**

Dartmouth College

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918261	SUBAWARD NO. 490	Modular Social Intelligence For Teaming		12.300	80,933
			Total for 12.300		**80,933**

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			Total for Dartmouth College		**80,933**

Aerospace Corporation

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6918046	PO #4600003761	Mit Support Of Development Of The Radiat		43.CCC	47,487
			Total for 43.CCC		**47,487**
			Total for Aerospace Corporation		**47,487**

Lankenau Institute for Medical Research

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917787	SUBAWARD 5-R01-CA115527-04	Targeted Nanoparticle Dna Delivery To Pr		93.395	35,970
6917796	SUBAWARD UDR. 5-R01-CA132091-03	Targeted Nanoparticle Dna Therapy For Ov		93.395	57,846
			Total for 93.395		**93,816**
			Total for Lankenau Institute for Medical Research		**93,816**

Cornell University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917411	46514-8593	A Technology Development Project For The		47.049	12,643
			Total for 47.049		**12,643**
			Total for Cornell University		**12,643**

University of Berne

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917263	AGMT DTD 2/13/08 PRIME 2-R02-AR052766-01A1	Functional Tissue Engineering Of Musculo		93.846	16,585
			Total for 93.846		**16,585**
			Total for University of Berne		**16,585**

Rhode Island Hospital

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917228	701-1457	Biomarker For Hepatocellular Carcinoma		93.394	-26,507
			Total for 93.394		**-26,507**

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			Total for Rhode Island Hospital		**-26,507**

University of Illinois

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917203	2007-02206-01/GCA4399	Capitalizing On Research On Animal And H		12.300	543,776
			Total for 12.300		**543,776**
			Total for University of Illinois		**543,776**

Texas A & M

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6917014	SUBAWARD NO. 08-003	Field Validation Of General Methodology		11.419	-16
			Total for 11.419		**-16**
			Total for Texas A & M		**-16**

The University of Central Florida

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914909	61038032	Nasa Project Plan Green Task Order No. 1		43.CCC	3
			Total for 43.CCC		**3**
			Total for The University of Central Florida		**3**

University of California/Davis

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914503	SUBAWARD NO. SUB 0600176	Institute For Quantum Simulations Of Mat		81.049	72,911
			Total for 81.049		**72,911**
			Total for University of California/Davis		**72,911**

Lehigh University

WBS #	Contract Number	WBS Title		CFDA #	FY Expenses
6914501	541352-8001	Nirt-Goali: Solution Based Dispersion,		47.041	18,476
			Total for 47.041		**18,476**
			Total for Lehigh University		**18,476**

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QuesTek Innovations LLC

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6898303	PO NO. 05-195	Dynamic Microstructure Design Consortium	12.CCC	-515
		Total for 12.CCC		**-515**
		Total for QuesTek Innovations LLC		**-515**

Southwest Research Institute

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6893453	299433Q/SUB UNDER NASW-02008	New Horizon Science Team Member 05310-So	43.CCC	47,080
		Total for 43.CCC		**47,080**
		Total for Southwest Research Institute		**47,080**

Lowell Observatory

WBS #	Contract Number	WBS Title	CFDA #	FY Expenses
6666200	PO# 24081/ PRIME CONTRACT NAS2-97-001	Sofia Instrument Development And Operati	43.CCC	108,576
		Total for 43.CCC		**108,576**
		Total for Lowell Observatory		**108,576**
		Total Passthrough		**107,877,239**

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Nat'l Aero & Space Administration

NASA - Ames Research Center

Contract Number	Contract Title	CFDA #	FY Expenses
NNA08CN84A	Education Outreach Child Account: Requirements for Development and Maintenance of Multicellular Life - A Traveling Astrobiology Exhibit	43.000	3,061
	Total for 43.000		**3,061**
	Total for NASA - Ames Research Center		**3,061**

NASA - Glenn Research Center

Contract Number	Contract Title	CFDA #	FY Expenses
NNX10AL44H	Improved Design for a Low Cost Parabolic - GF - R. Heller	43.000	0
NNX10AN21H	GSRP - Power Electronics - GF for M. Medlock	43.000	8,115
	Total for 43.000		**8,115**
	Total for NASA - Glenn Research Center		**8,115**

NASA - Goddard Space Flight Center

Contract Number	Contract Title	CFDA #	FY Expenses
NNG05GK67G	Massachusetts Space Grant Consortium	43.CCC	-237
NNH11CC26C	Space Grant Travel Grants for ZR	43.CCC	15,149
NNX10AT92H	Massachusetts Space Grant Consortium	43.CCC	717,139
	Total for 43.CCC		**732,051**
Contract Number	Contract Title	CFDA #	FY Expenses
NNX09AF65G	CDIO in Aerospace Engineering Education	43.000	203,250
NNX09AQ87H	Conditions of Early Solar Systems Volcanism - GFP for M. Krawczynski	43.000	1,503
NNX10AE25G	Stellar Forensics with Sounding Rockets	43.000	21,625
NNX10AJ90A	CAN/National Needs Grant: Summer of Innovation Pilot	43.000	195,980
NNX10AJ90A	Kavli Center (Talented and Gifted Latino Astronomy Project)	43.000	-4
NNX10AJ90A	MIT Edgerton Center (You Go Girls)	43.000	15,535
NNX10AJ90A	Space Systems Laboratory (Zero Robotics)	43.000	14,655
NNX10ANI5H	NESSF - Integration, Testing, and Flight - GF for J. Rutherford	43.000	30,413
	Total for 43.000		**482,957**

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Contract Number	Contract Title	CFDA #	FY Expenses
NNX11AM62H	Development and Testing of Compression Technologies Using Advanced Materials for Mechanical Counter-Pressure Planetary Exploration Suits - GF for B. Holschuh	43.009	40,599
NNX11AM63H	A Compact, High-Precision Optical Payload enabling Earth-Sized Exoplanet Detection using Nanosatellites - GF for M. Smith	43.009	40,000
NNX11AN09H	Development of multi-modal, high-density electrospray porous metal thrusters - GF for C. Coffman	43.009	45,777
NNX11AN32H	Lifecycle Reusable Functional Digital Materials - GF for S. Hovsepian	43.009	47,795
NNX11AN33H	Small Satellite Attitude Determination and Control - GF for C. Pong	43.009	48,713
NNX11AN34H	Nano-Engineered Hierarchical Advanced Composite Materials for Space Applications - GF for S. Wicks	43.009	48,173
NNX11AN79H	3D Constitutive Relations for an Aligned Carbon Nanotube Polymer Nanocomposite as a Function of Morphology - GF for D. Hondlin	43.009	44,985
	Total for 43.009		**316,042**

Contract Number	Contract Title	CFDA #	FY Expenses
NNX11AP34H	Laboratory Study Of The Flow Of Two-Phase Planetary Ices - GF for H. Lenferink	43.001	23,482
NNX11AP47H	Photochemistry of Super Earth - GF for R. Hu	43.001	24,050
	Total for 43.001		**47,532**
	Total for NASA - Goddard Space Flight Center		**1,578,582**

NASA - Johnson Space Center

Contract Number	Contract Title	CFDA #	FY Expenses
NNX10AC35A	Enhanced Planetary Surface Eva Mobility - GFP for J. Kaderka + A. Diaz	43.000	3,717
	Total for 43.000		**3,717**
	Total for NASA - Johnson Space Center		**3,717**

NASA - Marshall Space Flight Center

Contract Number	Contract Title	CFDA #	FY Expenses
NM11AA70P	SMD Payload	43.CCC	4,991
	Total for 43.CCC		**4,991**
	Total for NASA - Marshall Space Flight Center		**4,991**
			1,598,466

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Total for Nat'l Aero & Space Administration

National Science Foundation

NSF

Contract Number	Contract Title	CFDA #	FY Expenses
CCF-1058127	REU Supplement - CIF: Medium: Collaborative Research: From Retroactivity to Modularity: Design and Implementation of a Genetic Insulation Device in Yeast	47.070	9,937
CNS-0831612	GOALI-FIND: Optical Flow Switched Core Networks - PDF Joseph Junio	47.070	33,511
CNS-1000965	Workshop Future Internet Architecture Summit	47.070	18,909
CNS-1046733	Revised budget for REU-Career	47.070	7,884
CNS-1049123	NSF Workshop on Highly Controllable Dynamic Heterogeneous Networking	47.070	32,527
CNS-1049123	Participant Support Costs	47.070	11,088
DMS-0902649	Combinatorics of Quantum Groups - PDF P. Tingley	47.070	1,357
IIS-1047567	Workshop on Collective Intelligence	47.070	6,821
IIS-1053105	Workship: Frontiers in Computer Vision	47.070	37,880
IIS-1057908	WORKSHOP: Identifying Synergies and Fostering Collaborations in A Joint Meeting of the National Science Foundation and the National Endowment for the Arts - Non Participant Support	47.070	14,150
IIS-1103422	Workshop: Social Remote Presence Robots	47.070	4,511
IIS-1115939	HRI Pioneers Workshop	47.070	-3,434
IIS-1129526	SIGMOD Programming Contest 2011	47.070	17,894
IIS-1201893	NSF Workshop: US-French Collaboration in Computational Neuroscience	47.070	19,662
	Total for 47.070		**212,697**

Contract Number	Contract Title	CFDA #	FY Expenses
AST-0647787	REU - Students	47.049	33,498
AST-0647787	REU - Teachers	47.049	5,145
AST-0747154	Participant Costs Child Account: CAREER: Building Rocky Planets: From Mercury and Vesta to GL 581C	47.049	23,619
AST-1003139	Seeking the Lost Interstellar Medium of Red-Sequence Galaxies - PDF for Kathy Cooksey	47.049	638

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Contract Number	Contract Title	CFDA #	FY Expenses
CHE-1041863	Directed Synthesis of a Pure Spin Liquid - Towards a Comprehensive theory of High-TC Superconductivity - PDF for D. Freedman	47.049	96,428
CHE-1041979	Ultrafast Energy Dynamics of Strongly Coupled Vibrational Systems	47.049	95,769
DMR-0504158	REU Child	47.049	919
DMR-1139206	Future Faculty Workshop: DIverse Leaders of Tomorrow: MIT's Endicott 2011 House; June 19-21, 2011	47.049	30,000
DMS - 0903008	Postdoctoral Research Fellowship - L. Chumakova	47.049	2,232
DMS - 1004395	Postdoctoral Research Fellowship - K. Datcher	47.049	236
DMS - 1004678	Postdoctoral Research Fellowship - J. Bird	47.049	5,000
DMS - 1004748	MSPRF - E. Peters	47.049	3,333
DMS-0803064	Postdoctoral Fellow: L. Levine	47.049	1,500
DMS-0803083	Reduced Dimension Modeling of Slurry Flow in Peristaltic Pumping-PDF for J. Kao	47.049	-25
DMS-0854764	FRG: Collaborative Research: Quantum Cohomology, Quantized Algebraic Varieties, and Representation Theory (budget revision)	47.049	37,848
DMS-0854774	FRG: Collaborative Research: Mean curvature flow as a tool in low dimensional topology-Participant Support	47.049	18,588
DMS-0902718	Mathematical Sciences Postdoctoral Fellowship - C. Breiner	47.049	946
DMS-0943108	Summer workshop on Homotopy Theory; Cambridge, MA	47.049	1,632
DMS-0943787	Participant Support Costs	47.049	234,665
DMS-1000113	Tensor categories, quantum groups, and Hecke algebras - Participants	47.049	22,115
DMS-1007096	Talbot Workshops: 2011 - 2013	47.049	19,333
DMS-1045217	A Celebration of Algebraic Geometry	47.049	49,322
DMS-1047530	Conference: Derived Categories of Algebro-Geometric Origin and Integrable Systems	47.049	626
DMS-1064104	The 2011 Gene Golub SIAM Summer School	47.049	22,870
DMS-1065701	Conference: Physics Mathematics Summer Institute	47.049	60,000
PHY-0551153	CUA - Sponsored Workshops	47.049	1,333
PHY-0551153	CUA-Support for TOPS Program	47.049	40,843
PHY-0757931	Physics Problems to Tutor Generic Expertise	47.049	80,527
PHY-1125846	Sponsored Workshops	47.049	5,567
PHY-1125846	CUA - Participant Support For TOPS Program	47.049	98,818

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Contract Number	Contract Title	CFDA #	FY Expenses
PHY-1143673	Particles and Nuclei International Conference (PANIC11) at MIT: Participation by an Extended Community	47.049	20,284
	Total for 47.049		**1,013,609**
Contract Number	Contract Title	CFDA #	FY Expenses
CHE-0936816	ARRA - Cobalt-Based Water Oxidation Catalyst Formation at Metal Electrode Interfaces and Incorporation of Catalyst with Photoanode Materials	47.082	13,465
DBI-0905968	ARRA - Postdoctoral Research Fellowships in Biology for FY 2009	47.082	-85
DGE-0946798	ARRA - Graduate Research Fellowship Program - '10-'11	47.082	24,750
DGE-0946798	ARRA - Graduate Research Fellowship Program - '11-'12	47.082	1,564,080
	Total for 47.082		**1,602,210**
Contract Number	Contract Title	CFDA #	FY Expenses
AGS-0733510	Electrical Distribution Maintenance Cost	47.050	29,907
AGS-1042622	Participants: CEDAR Science Steering Committee 2010-2012	47.050	34,824
AGS-1146864	2011 Graduate Climate Conference on Climate and Climate Change in Array of Disciplines; Woods Hole, MA: October 28-30, 2011	47.050	9,515
EAR-0807585	Workshop: The Siberian Traps and the End-Permian Extinction: Coincidence and Casualty	47.050	10,538
	Total for 47.050		**84,784**
Contract Number	Contract Title	CFDA #	FY Expenses
AST-0901985	Gravitational - Wave Astronomy - P.F. I. Mandel	47.079	1,860
OISE-1132899	US-Brazil Ocean Engineering Technology Workshop	47.079	18,126
	Total for 47.079		**19,986**
Contract Number	Contract Title	CFDA #	FY Expenses
DBI-0905973	Non-Coding RNA's Direct Epignenetic - PDF L. Goff	47.074	-506
DBI-1005055	REU Site: Biological Engineering Research Experience for Undergraduates (BE REU)	47.074	95,051
DBI-1103600	NSF Postdoctoral Fellowship in Biology FY 2010 - GF for J. Giraldo	47.074	4,022
	Total for 47.074		**98,567**
Contract Number	Contract Title	CFDA #	FY Expenses
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems - Dist. Lectureship	47.041	1,984

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Contract Number	Contract Title	CFDA #	FY Expenses
CBET-0939511	NSF Science and Technology Center: Emergent Behaviors of Integrated Cellular Systems - Grad. Teaching Consort.	47.041	16,751
CMMI-0830134	REU Supplement - CAREER: A Design Data Analysis Approach to Early Stage Design Process Modeling	47.041	2,920
CMMI-1137067	Support for Student Travel to 55th International Conference on Electron Ion and Photon Beam Technology and Nanofabrication	47.041	10,000
CMMI-1153951	2012 Conference on Stochastic Networks	47.041	19,137
	Total for 47.041		**50,792**

Contract Number	Contract Title	CFDA #	FY Expenses
BCS-0726806	Doctoral Dissertation for Charuleka Varadharajan	47.075	-650
BCS-1025309	Doctoral Dissertation Research: Discovering Semantic Primitives - GF for S. Piantadosi	47.075	1,786
BCS-1051566	Doctoral Dissertation Research: Online Control of Multisyllabic Speech Articulation based on Auditory Feedback - GF for S. Cai	47.075	13,556
BCS-1122426	Doctoral Dissertation Research: Argument Licensing and Agreement in Zulu - GF for C. Halpert	47.075	10,857
SES-1056580	Dark Energy, Fine-Tuning, and the Multiverse: Testing Theories in Modern Cosmology - PDF for A. Friedman	47.075	10,575
SES-1057311	Doctoral Dissertation Research: Making Mathematics Manifest Material and Virtual Modes in Mathematical Research and Pedagogy - Graduate Fellowship - A. Steingart	47.075	4,960
SES-1057917	Doctoral Dissertation Research: Experimenting with Security: Mexican Biology and Biosecurity - GF for E. Wanderer	47.075	6,709
SES-1064462	Doctoral Dissertation Research in Political Science: Non-democratic Accountability - Experiments with Citizen Contacting in China	47.075	3,520
SES-1125858	Doctoral Dissertation Research: An Empire of Purity: Making the Modern Sugar Economy, 1875-1925 - GF for D. Singerman	47.075	5,470
SMA-1103351	Minority Postdoctoral research fellowship - M. Friedner	47.075	279
SMA-1158763	Doctoral Dissertation Research in Science of Science and Innovation Policy: Organizations and the Diffusion of Scientific Knowledge - GF for M. Bikard	47.075	6,664
	Total for 47.075		**63,726**

Contract Number	Contract Title	CFDA #	FY Expenses
ANT-1103375	Postdoctoral Research Fellowship - D. Goldberg	47.078	2,393
	Total for 47.078		**2,393**

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	Total for 47.078		**2,393**

Contract Number	Contract Title	CFDA #	FY Expenses
OCI-1048563	Bayesian Models of Social Behavior - PDF for K. Heller	47.080	3,036
OCI-1152538	A Research Coordination Network Dedicated to Facilitating the Creation and Transfer of Knowledge	47.080	3,086
	Total for 47.080		**6,122**
	Total for NSF		**3,154,886**
	Total for National Science Foundation		**3,154,886**

Department of Education

U.S. Department of Education

Contract Number	Contract Title	CFDA #	FY Expenses
P047A080317-11	TRIO - Upward Bound	84.047A	189,361
P047A080317-11	Jan 2012 supplemental funding	84.047A	40,326
P047A080317-11	Dec 2011 supplemental funding	84.047A	36,832
	Total for 84.047A		**266,519**

Contract Number	Contract Title	CFDA #	FY Expenses
Q184H090103	Comprehensive, Campus/Community-Based Approach to Reducing Alcohol-Related Violence Among Fraternity and Sorority Students	84.184H	84,633
Q184N100013	Comprehensive Model to address High-Risk Alcohol Service and Consumption by Fraternity members	84.184H	65,873
	Total for 84.184H		**150,506**

Contract Number	Contract Title	CFDA #	FY Expenses
P116J100018	Policy Analysis for Complex Transport Systems	84.116J	54,591
	Total for 84.116J		**54,591**

Contract Number	Contract Title	CFDA #	FY Expenses
P017A080083	Visualizing Cultures: Exploring the History and Cultures of Asia Through Visuals	84.170	261
	Total for 84.170		**261**

Contract Number	Contract Title	CFDA #	FY Expenses
P170B070010-10	Javits Fellowship: Spinak	84.170B	37,250
	Total for 84.170B		**37,250**
			509,127

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Total for U.S. Department of Education

Total for Department of Education **509,127**

Miscellaneous Federal Govt.

Institute of Museum and Library Services

Contract Number	Contract Title	CFDA #	FY Expenses
MA-04-10-0304-10	MFA - Engaging Communities	45.301	36,568
	Total for 45.301		**36,568**
	Total for Institute of Museum and Library Services		**36,568**

National Endowment For The Arts

Contract Number	Contract Title	CFDA #	FY Expenses
11-4400-7070	Stan Vanderbeek - The Cultural Intercom	45.024	2,152
	Total for 45.024		**2,152**
	Total for National Endowment For The Arts		**2,152**

National Endowment For The Humanities

Contract Number	Contract Title	CFDA #	FY Expenses
FS-50246-10	NEH Summer Seminar: Reading the English Encounter with the Americas, 1550-1610: Interdisciplinary Sources and Methods	45.163	-22,710
FS-50246-10	NEH Summer Seminar: Participant Stipends	45.163	52,800
	Total for 45.163		**30,090**
Contract Number	Contract Title	CFDA #	FY Expenses
GI-50353-11	Guastavino Vaulting: Palaces for the People	45.164	102,030
	Total for 45.164		**102,030**
	Total for National Endowment For The Humanities		**132,120**

National Geospatial Intelligence Agency

Contract Number	Contract Title	CFDA #	FY Expenses
HM1582-08-1-0027	FY 08 DNI Postdoctoral Program - In Space Robotic Assembly (SRA)	12.630	47,025
HM1582-09-1-0025	FY 09 DNI Postdoctoral Program -Dev and Application of Novel Molecular Wires	12.630	-12
	Total for 12.630		**47,013**
	Total for National Geospatial Intelligence Agency		**47,013**

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U.S. Department of Agriculture

Contract Number	Contract Title	CFDA #	FY Expenses
2011-67017-30669	Genetic Identification and Characterization of Cellulases and Cellulolytic Complexes from Fungi - PDF for M. O'Malley	10.310	54,443
	Total for 10.310		**54,443**
	Total for U.S. Department of Agriculture		**54,443**

U.S. Department of Commerce - NOAA

Contract Number	Contract Title	CFDA #	FY Expenses
NA 060AR4170203	Regional Ocean Science Plan to Support Ecosystem - Based Management	11.417	21,550
NA10OAR4170233	MIT Sea Grant-NMFS Population Dynamics Sea Grant Fellowship	11.417	29,409
NA110AR4170030	Knauss Fellowship - Caitlin Frame	11.417	31,396
NA110AR4170184	Integrating Electronic Tag Information - GF- B. Galuardi	11.417	32,083
NA120AR4170041	Fern T Gibbons_ MIT Sea Grant _Knauss Fellowship 2012	11.417	21,925
	Total for 11.417		**136,363**
	Total for U.S. Department of Commerce - NOAA		**136,363**

U.S. Department of Commerce-NIST (Natl Inst of Stand & Tech)

Contract Number	Contract Title	CFDA #	FY Expenses
70NANB12H117	2012 Surf Summer Program - Xu - Boulder	11.609	9,000
	Total for 11.609		**9,000**
	Total for U.S. Department of Commerce-NIST (Natl Inst of Stand & Tech)		**9,000**

U.S. Department of Interior-Fort Huachuca

Contract Number	Contract Title	CFDA #	FY Expenses
D12AF00018	Third International Workshop on Computational Models of Narrative	12.910	4,612
	Total for 12.910		**4,612**
	Total for U.S. Department of Interior-Fort Huachuca		**4,612**

U.S. Department of Justice

Contract Number	Contract Title	CFDA #	FY Expenses
2009-WA-AX-0021	MIT Violence Education, Prevention and Response Project	16.525	85,500
	Total for 16.525		**85,500**

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		Total for U.S. Department of Justice	**85,500**

U.S. Department.of Transportation

Contract Number	Contract Title	CFDA #	FY Expenses
DTRT07-G-0001	Introducing Transportation-Related Careers to Minority High School Students in Massachusetts Underserved Communities	20.701	10,071
	Total for 20.701		**10,071**
Contract Number	Contract Title	CFDA #	FY Expenses
DTFH64-11-G-00031	Eisenhower Graduate Fellowship: C. Brakewood.	20.215	3,500
	Total for 20.215		**3,500**
	Total for U.S. Department.of Transportation		**13,571**

U.S. Environmental Protection Agency

Contract Number	Contract Title	CFDA #	FY Expenses
FP-91713401-0	Graduate Fellow: David Griffith	66.514	17,914
FP-91716101-0	Graduate Fellow: Valerie Karplus	66.514	35
FP-91732001-0	Graduate Fellow: R. Clewlow	66.514	16,654
	Total for 66.514		**34,603**
	Total for U.S. Environmental Protection Agency		**34,603**

U.S. Nuclear Regulatory Commission

Contract Number	Contract Title	CFDA #	FY Expenses
NRC-38-08-940	Child Account: Us Nuclear Regulatory Commission Nuclear Education Grant Program: Faculty Development	77.CCC	61,558
NRC-38-08-958	U.S. NRC Nuclear Education Graduate Fellowship Program	77.CCC	127,481
	Total for 77.CCC		**189,039**
	Total for U.S. Nuclear Regulatory Commission		**189,039**
	Total for Miscellaneous Federal Govt.		**744,984**

Department of Energy

DOE - Chicago

Contract Number	Contract Title	CFDA #	FY Expenses
DE-SC0005257	Particles and Nuclei International Conference PANIC11 at MIT Young Scientist Support	81.049	28,615

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Contract Number	Contract Title	CFDA #	FY Expenses
DE-SC0005709	Conference for Undergraduate Women in Physics	81.049	25,080
DE-SC0006034	Particles and Nuclei International Conference PANIC11 at MIT in July 2011	81.049	34,633
DE-SC0006315	International Conference on Chemical Kinetics at MIT	81.049	9,000
	Total for 81.049		**97,328**
	Total for DOE - Chicago		**97,328**

DOE - Idaho Falls

Contract Number	Contract Title	CFDA #	FY Expenses
DE-NE0000102	MIT Nuclear Energy University Fellowship Program	81.121	175,000
	Total for 81.121		**175,000**
	Total for DOE - Idaho Falls		**175,000**

DOE-Golden Colorado

Contract Number	Contract Title	CFDA #	FY Expenses
DE-EE0005596	MIT Clean Energy Prize	81.117	109,505
	Total for 81.117		**109,505**
	Total for DOE-Golden Colorado		**109,505**

DOE/NNSA/Washington

Contract Number	Contract Title	CFDA #	FY Expenses
ORDER # DE-EE0005651	International Workshop on Crystalline Silicon Solar Cells	81.CCC	7,500
	Total for 81.CCC		**7,500**
	Total for DOE/NNSA/Washington		**7,500**
	Total for Department of Energy		**389,333**

Dept. of Health and Human Services

NIH

Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-EB009969-02	Near-IR Fluorescence Sensors-D. Buccella	93.286	4,671
1-F32-EB011866-01	3D Microvascular Networks - PDF - L. Bellan	93.286	8,714
5-F32-EB008962-02	Dev. of Blood-brain - PDF - M. Royzen	93.286	56,701
5-F32-EB009623-02	I.D. and Analysis of Lipid - PDF. K. Whitehead	93.286	52,331

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Contract Number	Contract Title	CFDA #	FY Expenses
5-F32-EB011580-02	Understanding Biocompatability - PDF - K Bratlie	93.286	3,766
5-F32-EB011867-02	siRNA delivery by structured polymers synthesized via combinatorial RAFT & ATR-PDF for D. Siegwart	93.286	55,153
5-F32-EB012351-02	Mechanistic probe for siRNA-polyplex delivery towards potent cancer therapeutics - PDF - C. Alabi	93.286	53,064
5-F32-EB012362-02	Therapeutic cell engineering - PDF M. Stephan	93.286	77,947
5-F32-EB012937-02	Polymer-Supported Nitroxide Radicals for Dynamic Nuclear Polarization- PDF - M.Kiesewetter	93.286	47,012
	Total for 93.286		**359,359**

Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-GM097771-01	Development of a Palladium-Catalyzed Direct N2-Arylation of Indazoles - PDF- Meredeth Mcgowan	93.859	44,412
1-F32-GM097776-01A1	Enantioselective Total Synthesis of Communesin F - PDF for S. Lathrop	93.859	10,341
1-F32-GM097972-01	Allosteric regulation of the sensory protease DegS - PDF - R. Mauldin	93.859	35,238
1-F32-GM099187-01	The Direct Oxidative Trifluoromethylation of Simple Heteroaromatic Systems - PDF - Nathan Jui	93.859	41,448
1-F32-GM099202-01	Development of an Asymmetric Amination Process of Unactivated Olefins - PDF- J. Debergh	93.859	40,248
1-F32-GM099257-01	Structural investigation of Helicobacter pylori transcription regulator NikR - PDF S. Bowman	93.859	40,481
1-F32-GM101762-01	Metal Catalyzed CN and CS Bond Forming Reactions for Bioconjugation Targets - PDF for M. Spokoyny	93.859	9,769
1-F32-GM101860-01	Quantitative RNA affinity landscapes: implications for development and disease - PDF for N. Lambert	93.859	15,677
1-F32-GM101872-01	Elucidating Nuclear Argonaute Function - PDF for T. Kelly	93.859	14,327
3-F32-GM095014-021	Epoxide-Opening Cascade Approach to the Synthesis of Marine Ladder Polyethers-PDF for M. Beaver	93.859	46,735
5-F32-GM085909-03	Design, Synthesis& Application of a Real-time MAPK Activity Sensor - PDF for C. Stains	93.859	-915
5-F32-GM086040-03	Nucleophilic Planar-Chiral Heterocycles for Activatin of Electrophilic Halogens - PDF for Justin Mohr	93.859	28,677

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5-F32-GM087034-03	Kinetics of Radical Initiation in the Ribonucleotide Reductase Holoenzyme - PDF for P. Holder	93.859	51,250
5-F32-GM087100-03	Elucidating Cofactor-Biosynthesis- PDF for C. Shih	93.859	28,662
5-F32-GM087889-03	Asymmetric, Phosphine-Catalyzed Syntheses - PDF J. Murphy	93.859	1,296
5-F32-GM088931-03	Shape Shifting Phosphines in Transition Metal Catalysis - PDF for Thomas Maimone	93.859	48,516
5-F32-GM089050-02	Molecular Basis for Priming of the Neutrophil DNADPH Oxidase in Trauma and Sepsis - PDF for A. Hsu	93.859	9,420
5-F32-GM090486-02	Structural Studies of Ribonucleotide Reductase - PDF - N. Ando	93.859	30,408
5-F32-GM093408-02	Regulation of DNA Application - PDF for H. Merrikh.	93.859	11,919
5-F32-GM093532-02	Palladium-Catalyzed Enantioselective Amination - PDF. A. Parsons	93.859	34,148
5-F32-GM094994-02	The functions and mechanism of SHSP degradation in Escherichia coli - PDF for E. Kloss	93.859	52,897
5-F32-GM095060-02	The role of nonsense-mediated mRNA decay in embryonic stem cell gene expression - PDF for J. Hurt	93.859	43,965
5-F32-GM096546-02	A Photo-triggered on-demand drug delivery system for chronic pain - PDF - B.Timko	93.859	52,169
5-F32-GM099168-02	Aneuploidy affects DNA metabolism and segregation to cause genomic instability - PDF -Heidi Blank	93.859	48,398
	Total for 93.859		**739,486**

Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-EY022509-01	Functions of the pulvinar and pulvino-cortical interactions in visual attention - PDF for R. Schafer	93.867	10,522
5-F32-EY019609-03	The Neural Organization of Face and Object Patches - PDF E. Issa	93.867	43,600
5-F32-EY019622-02	Perception of Tactile Graphics - PDF - A. Kalia	93.867	47,869
5-F32-EY020066-03	The Role of MicroRNAs - PDF - N. Mellios	93.867	49,433
5-F32-EY020157-03	Updating Location Information across Object and Eye Movements - PDF - J. Golumb	93.867	52,856
5-F32-EY020692-02	Interactions Between LIP - PDF for G. Mulliken	93.867	50,556
	Total for 93.867		**254,836**

Contract Number	Contract Title	CFDA #	FY Expenses
5-F32-HG005192-03	Analysis and Integration of Expression Patterns in Embryonic Regulatory networks - PDF for C. Bristow	93.172	20,792
	Total for 93.172		**20,792**

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1-F32-HL110484-01A1	Alternative splicing in the vascular response to pathological shear stress -PDF P. Murphy	93.837	11,922
5-F32-HL104913-02	Dissecting the role of H2AZ in regulating early cardiac development - PDF for J. Wamstad	93.837	51,212
	Total for 93.837		**63,134**

Contract Number	Contract Title	CFDA #	FY Expenses
5-F32-MH085454-03	Esemble Recording in Corticostraital Pathways-PDF for K. Smith	93.282	18,237
5-F32-MH095354-02	Development of Procedural Memory Systems in Children with and without ADHD- PDF A. Finn	93.282	48,993
	Total for 93.282		**67,230**

Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-AI082928-01	ARRA - Master Regulators of Transcription in the C. Crescentus Cell Cycle	93.701	38,306
1-F32-AI082929-01	ARRA - Defining AAA+ Enzyme Function in Bacterial Secretion	93.701	8,826
	Total for 93.701		**47,132**

Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-HD068086-01A1	Development of social comparison and its effect on empathy - PDF - Mina Cikara	93.865	45,199
1-F32-HD072748-01	Computational models of the acquisition of verb meaning - PDF - J. Hartshorne	93.865	3,292
5-F32-HD061180-03	Neural Correlates of Orthographic and Phonological Processing - PDF for Marianna Eddy	93.865	56,174
	Total for 93.865		**104,665**

Contract Number	Contract Title	CFDA #	FY Expenses
1-F31-CA167872-01	Characterization of novel regulators of amino acid-sensitive mTORC1 signaling - GF for L. Schweitzer	93.398	1,836
1-F32-CA157197-01A1	Array of Resistive Sensors for Detecting Lung Cancer in Exhaled Air - PDF for K. Mirica	93.398	13,176
1-F32-CA159496-01	Diagnostic peptide-nanoparticle probes for profiling tumor protease activity - PDF - Gabriel Kwong	93.398	47,111
1-F32-CA165484-01	Wavefront Corrected Multimodal optical coherence and two-photon microscopy for rapid breast tumor margin assessment - PDF for Y. Tao	93.398	34,129
1-F32-CA165700-01	Role of Phospho-Tyrosine Binding in Mena-Driven Metastasis - PDF for R. McConnell	93.398	12,476
5-F32-CA132358-03	SIRT1 Attenuates Beta-Catenin Mediated Tumorigenesis - PDF for E. Bell	93.398	4,222
5-F32-CA139902-03	In vivo Characterization of MicroRNA Regualtion - PDF for Jesse Zamudio	93.398	52,282

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5-F32-CA142144-03	Roles of Rho Proteins During Stages: PDF - J - Lamar	93.398	50,149
	Total for 93.398		**215,381**
Contract Number	Contract Title	CFDA #	FY Expenses
5-F30-NS057899-03	Molecular Mechanisms of Visual Thalamic Dev-Graduate Fellow - Horng	93.853	-13
5-F31-NS061625-03	Modulation of Neural Represenation & Perception - G F for D. Pritchett	93.853	-32
5-F31-NS067951-02	The Role of Inhibition in the Mapping - Grad Fellow - C. Runyan	93.853	38,961
5-F31-NS069510-02	Molecular Regulation of Experience-Dependent Synapse - GF for J. Leslie	93.853	7,544
5-F31-NS076024-02	NCKX regulates glial calcium signaling and seizure susceptibility in Drosophila - GF for J. Melom	93.853	43,158
5-F32-NS063694-2	Testing the Hemo-Neural Hypothesis - PDF - D. Vierling-Claassen	93.853	8,719
5-F32-NS064750-03	Molecular Mechanisms - PDF for Richard Cho	93.853	55,587
	Total for 93.853		**153,924**
Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-AR062931-01	Data-Driven Modeling of Signaling Dysregulation in Rheumatoid Arthritis - PDF D. Jones	93.846	12,713
	Total for 93.846		**12,713**
Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-DK095529-01	Exosomes: Genetic delivery vehicles to enhance engineered hepatic tissue - PDF - K. Christine	93.847	15,212
5-F32-DK091007-02	Micropatterned scaffold-free liver tissue - PDF - K. Stevens	93.847	53,841
	Total for 93.847		**69,053**
Contract Number	Contract Title	CFDA #	FY Expenses
5-F32-MH081507-03	PDF-S. Brincat-Prefrontol and Temporal Lobe	93.242	-242
	Total for 93.242		**-242**
Contract Number	Contract Title	CFDA #	FY Expenses
1-F32-AI084442-01A1	Molecular Regulation - PDF - S. Lima	93.855	25,637
5-F31-AI080286-03	Role of Cytokines in the Persistence of Tolerized T Cells - Grad Fellow- M. Olurinde	93.855	5,448
	Total for 93.855		**31,085**
	Total for NIH		**2,138,548**
			2,138,548

Appendix B - Detail
Massachusetts Institute of Technology
Federal Non Research Support - On Campus
Fiscal 2012 Expenditures

Total for Dept. of Health and Human Services

Department of Defense

Army

Contract Number	Contract Title	CFDA #	FY Expenses
W911NF-11-1-0360	Workshop on Frontiers in Computer Vision	12.431	25,000
	Total for 12.431		**25,000**
	Total for Army		**25,000**

Navy - ONR

Contract Number	Contract Title	CFDA #	FY Expenses
N00014-08-1-1097	Physical and Interdisciplinary Regional Ocean Dynamics and Modeling Systems	12.300	7,760
N00014-09-1-0597	ONR Workshop Supplement	12.300	8,029
	Total for 12.300		**15,789**
	Total for Navy - ONR		**15,789**

U.S. Army Medical Research and Material Command

Contract Number	Contract Title	CFDA #	FY Expenses
W81XWH-08-1-0298	Signature and Mechanism of the Epithelial-to-Mesenchymal Transition-Grad Fellow for J. Kah	12.420	856
W81XWH-10-1-0040	Systems Analysis of Cell Invasion - PDF - S.Alford	12.420	68,426
W81XWH-10-1-0733	Systems Level Analysis of EGFR - PDF M. Lee	12.420	80,933
W81XWH-11-1-0088	Molecular Regulatory Network Dysregulation - GF for A. Meyer	12.420	37,179
	Total for 12.420		**187,394**
	Total for U.S. Army Medical Research and Material Command		**187,394**

Total for Department of Defense **228,183**

Total Federal Non-Research Support **8,763,527**

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

American Society/Engineering Education

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2291100	LETTER DATED 8/11/99	Ndseg Fellowship Program	12.300	2,859,622
		Total for 12.300		**2,859,622**
		Total for American Society/Engineering Education		**2,859,622**

Battelle-Pacific Northwest Laboratories

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745048	CONTRACT NO. 162002	Gtri Nuclear Security Education Initiati	81.CCC	222,732
		Total for 81.CCC		**222,732**
		Total for Battelle-Pacific Northwest Laboratories		**222,732**

Baylor College of Medicine

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2743652	EO01001	Graduate Education Program In In Space L	43.000	372
2744597	SA01701	Team Leader Funding - Senorimotor Adapta	43.000	88,399
2744743	EO01001	Graduate Education Program In In Space L	43.000	197,410
		Total for 43.000		**286,181**
		Total for Baylor College of Medicine		**286,181**

Brigham & Women's Hospital

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388208	104821	ARRA - Supplemental Fellowship Support - Gf H.	47.082	15,718
		Total for 47.082		**15,718**
		Total for Brigham & Women's Hospital		**15,718**

California Institute of Technology

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388332	2-10898-40 UNDER NASA	Sagan Postdoctoral Fellowship Program -	43.000	78,552
2388464	2-1090927 UNDER NASA	Sagan Postdoctoral Fellowship Program -	43.000	73,425
		Total for 43.000		**151,977**
		Total for California Institute of Technology		**151,977**

CalTech - Jet Propulsion Lab

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2742809	1435198	Space Systems Product Development: Educa	43.CCC	20,434
2744463	RSA NO. 1430144	Exoplanetsat Development: Educating The	43.CCC	20,000
		Total for 43.CCC		**40,434**
		Total for CalTech - Jet Propulsion Lab		**40,434**

Commonwealth of Massachusetts - Miscellaneous

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2732483	MASSACHUSETTS SPACE	Massachusetts Space Grant Consortium	43.CCC	272
		Total for 43.CCC		**272**
		Total for Commonwealth of Massachusetts - Miscellaneous		**272**

Computing Research Association

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388145	CIF-237	Computing Innovation Fellows Project - P	47.070	-583
2388314	CIF-B-204	Computing Innovation Fellows Project - P	47.070	20,797
2388328	CIF-A-237	Cifp - Year 2 - Pdf For Stelios Sidirogl	47.070	44,623
2388436	CIF-D-014	Computing Innovation Fellows Project - P	47.070	69,533
2388452	CIF-C-204	Computing Innovation Fellows Project - P	47.070	71,319
2388455	CIF-D-017	Computing Innovation Fellows Project - P	47.070	56,232
		Total for 47.070		**261,921**
		Total for Computing Research Association		**261,921**

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

Consortium for Oceanographic Research & Education (Core)

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2742562	SA10-08 UNDER PRIME	Blue Lobster Bowl	11.431	8,905
		Total for 11.431		**8,905**
		Total for Consortium for Oceanographic Research & Education (Core)		**8,905**

Consortium of Ocean Leadership, Inc.

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745116	SA #11-39 UNDER PRIME	National Ocean Sciences Bowl (Nosb) For	11.431	10,450
		Total for 11.431		**10,450**
WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745091	SA12-01 UNDER PRIME	National Ocean Science Bowl Online Game	47.050	2,234
		Total for 47.050		**2,234**
		Total for Consortium of Ocean Leadership, Inc.		**12,684**

Draper Laboratory Incorporated

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2743444	PO 0001-0001017810	Draper Fellow - Saunders	12.CCC	-5,501
2743463	PO 0001-0001016728	Draper Fellow - Wang	12.CCC	-783
2744651	PI 001-0001019884	Draper Fellow - K. Kotru	12.CCC	48,608
2744652	PI 001-0001019867	Draper Fellow - D. Butts	12.CCC	26,885
2744653	PI 001-0001019886	Draper Fellow - B. Saunders - Usaf	12.CCC	32,307
2744654	PI 001-0001019875	Draper Fellow - C. Rossi	12.CCC	46,171
2744655	PI 001-0001019949	Draper Fellow - M. Knutson, Usaf	12.CCC	32,307
2744656	PI 001-0001019948	Draper Fellow - T. Steiner	12.CCC	46,171
2744657	PO 0001-0001020014	Draper Fellow - E Cook	12.CCC	1,248
2744658	PO 0001-0001020015	Draper Fellow - R. Effinger	12.CCC	5,160
2744659	PO 0001-0001020013	Draper Fellow - Stockham-Usaf	12.CCC	24,322
2744660	PO 001-0001020065	Draper Fellow - N. Lowry	12.CCC	51,188

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2744661	PO 001-0001020779	Draper Fellow - Nash	12.CCC	41,455
2744662	PO 001-0001020776	Draper Fellow - Dunn	12.CCC	32,307
2744663	PO 001-0001020777	Draper Fellow - Graham	12.CCC	41,455
2744672	PO 0001-0001019917	Draper Fellow - S. Fink	12.CCC	29,875
2744673	PO 0001-0001020016 +	Draper Fellow -Giuliano	12.CCC	26,905
2744674	PO 001-0001020196	Draper Fellow - Gardiner - Usn	12.CCC	29,875
2744676	PO 001-0001 020996	Draper Fellow - S. Yee	12.CCC	29,875
2744678	PO 0001-0001022720	Draper Fellow - Van Camp	12.CCC	22,065
2744686	PI 001-0001019947	Draper Fellow - J. Wang	12.CCC	48,608
2744687	PO 001-0001020778	Draper Fellow - Zens, Usaf	12.CCC	3,366
2744691	PI 001-0001019873	Draper Fellow - J. Jeon	12.CCC	48,608
2744692	PI 001-0001019915	Draper Fellow - R. Shreffler - Usn	12.CCC	32,335
2744693	PI 001-0001019950	Draper Fellow - N. Inamdar	12.CCC	4,717
2744694	PO 0001-0001020017	Draper Fellow - A. Ramirez	12.CCC	46,171
2744695	PO 0001-0001020997	Draper Fellow - Laun	12.CCC	24,524
2744699	PO 0001-0001020010	Draper Fellow - M. Bradwick-Usaf	12.CCC	32,307
2744700	PO 0001-0001020012	Draper Fellow - Evans-Usaf	12.CCC	32,307
2744701	PO 001-0001020193	Draper Fellow - B. Crimmel - Uscg	12.CCC	9,949
2744702	PO 001-0001020870	Draper Fellow - E. Robinson - Usaf	12.CCC	32,307
2744703	PO 001-0001020833	Draper Fellow - A. Arpa	12.CCC	41,738
2744704	PO 001-0001020870	Draper Fellow - E. Frost- Usn	12.CCC	32,307
		Total for 12.CCC		**951,139**
		Total for Draper Laboratory Incorporated		**951,139**

George Washington University

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2744551	07-S09	Department Of Defense National Security	12.000	35,887
		Total for 12.000		**35,887**
		Total for George Washington University		**35,887**

Harvard Medical School

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745347	HMS FUND #151844	Letter Agreement: Joel Brooks	93.879	9,900
2745348	HMS FUND #151844	Letter Agreement: Marzyeh Ghassemi	93.879	7,380
		Total for 93.879		**17,280**
		Total for Harvard Medical School		**17,280**

Institute of International Education, Inc.

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388239	AGREEMENT DATED 7/1/10	Hubert H Humphrey Fellowship Program (Sp	19.CCC	69,813
2388404	AGREEMENT DATED 7/1/11	Hubert H Humphrey Fellowship Program (Sp	19.CCC	153,324
		Total for 19.CCC		**223,137**
		Total for Institute of International Education, Inc.		**223,137**

Johns Hopkins University

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388321	SUBAWARD UNDER NSF	Lhc Fellowship	47.049	7,882
		Total for 47.049		**7,882**
		Total for Johns Hopkins University		**7,882**

Krell Institute

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2225900	FELLOWSHIP COMMITMENT	Doe-Csgf Krell Institute	81.049	15,707
2388183	LTR. AGREEMENT	Doe Nnsa Stewardship Science Graduate Fe	81.049	300
2388330	LTR. AGREEMENT	Doe Nnsa Stewardship Science Graduate Fe	81.049	1,589
		Total for 81.049		**17,596**
		Total for Krell Institute		**17,596**

Lincoln Laboratory

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2744450	PO #7000149034	Support Of The Security Studies Program	12.CCC	13,315
2745266	PO #7000195946	Support Of The Security Studies Program	12.CCC	16,581
		Total for 12.CCC		**29,896**
		Total for Lincoln Laboratory		**29,896**

Massachusetts General Hospital

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388456	218227 MEMORANDUM OF	Mit-Cimit Medical Engineering Fellowship	12.420	32,277
2388457	220257 - MEMORANDUM OF	Mit-Cimit Medical Engineering Fellowship	12.420	94,358
		Total for 12.420		**126,635**

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2744990	AGREEMENT DATED 8/16/11	Letter Of Agreement - Jeremiah Wala	93.CCC	4,677
		Total for 93.CCC		**4,677**

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745168	MGH 217390 - SUKKANT	Letter Of Agreement - Sukant Mittal	93.286	21,725
2745367	R01 HL 108229	Letter Of Agreement - Ashley Stein	93.286	4,664
		Total for 93.286		**26,389**
		Total for Massachusetts General Hospital		**157,701**

Missouri Botanical Garden

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2742101	DRL-0833663/NSF05848MI	Csi: Community Science Investigators	47.076	125,241
		Total for 47.076		**125,241**
		Total for Missouri Botanical Garden		**125,241**

NEROC

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2739744	AST-0457585	Reu Supplement	47.000	3,634
		Total for 47.000		**3,634**
		Total for NEROC		**3,634**

Sandia National Laboratories

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388045	PO 885049	Sandia Fellowship-Thomas	81.CCC	52,025
2388430	PO 1154670 UNDER 611557	Sandia Fellowship - Dwyer	81.CCC	53,060
		Total for 81.CCC		**105,085**
		Total for Sandia National Laboratories		**105,085**

Smithsonian Inst. - Astrophysical Observatory

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388273	PF0-110080	Exploiting Gravitational Wave Observatio	43.000	8,609
2388425	PF1-120085	Dissecting Supernova Remnants And Hii Re	43.000	75,912
		Total for 43.000		**84,521**
		Total for Smithsonian Inst. - Astrophysical Observatory		**84,521**

Spaulding Rehabilitation Hospital

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745361	SRH ACCOUNT #500194	Letter Agreement - Iahn Cajigas	93.CCC	7,137
		Total for 93.CCC		**7,137**
		Total for Spaulding Rehabilitation Hospital		**7,137**

Sri International

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2741133	SUBCONTRACT NO.	Participant Costs	47.050	19,721

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

		Total for 47.050		**19,721**
		Total for Sri International		**19,721**

University of Arizona

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2388462	P.O. Y562573-3698	The String Vacuum Project (Svp) - Gr Da	47.049	21,442
		Total for 47.049		**21,442**
		Total for University of Arizona		**21,442**

University of California - Berkeley

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2745158	SA5284-11210	Synberc:Synthethic Biology Engineering	47.041	46,077
		Total for 47.041		**46,077**
		Total for University of California - Berkeley		**46,077**

University of California-San Diego

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2742980	PO# 10298908	National Science Festival	47.076	208,395
		Total for 47.076		**208,395**
		Total for University of California-San Diego		**208,395**

University of Massachusetts - Amherst

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2737505	05-003146-E-01	No Longer A Dream Deferred: Greater Ste	47.076	129,484
		Total for 47.076		**129,484**
		Total for University of Massachusetts - Amherst		**129,484**

University of Minnesota

Appendix C - Detail
Massachusetts Institute of Technology
Federal Non-Research Support - Passthrough - On Campus
Fiscal 2012 Expenditures

WBS #	Contract Number	Wbs Title	Cfdano	FY Expenses
2744558	H001344229	ARRA - Trade Adjustment Assistance Program For	10.315	47,818
		Total for 10.315		**47,818**
		Total for University of Minnesota		**47,818**
		Total		**6,099,519**

SECTION III

REPORTS ON INTERNAL CONTROL AND COMPLIANCE AND SUMMARY OF AUDITORS' RESULTS

Report of Independent Auditors 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*

To the Audit Committee of the
Massachusetts Institute of Technology

We have audited the financial statements of the Massachusetts Institute of Technology (the "Institute") as of and for the year ended June 30, 2012, and have issued our report thereon dated September 14, 2012. 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 Institute'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 Institute's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Institute's internal control over financial reporting.

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

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 Institute'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 management of the Institute in a separate letter dated September 14, 2012.

This report is intended solely for the information and use of the Institute's Audit Committee, management, 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.

September 14, 2012

Report of Independent Auditors on Compliance with Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance with OMB Circular A-133

To the Audit Committee of the
Massachusetts Institute of Technology

Compliance

We have audited the compliance of Massachusetts Institute of Technology (the "Institute") with the types of compliance requirements described in the *OMB Circular A-133 Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2012, except as described in the second paragraph of this report. The Institute's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs (page 263 - 266). Compliance with the requirements of law, regulations, contracts and grants applicable for each of its major federal programs is the responsibility of the Institute's management. Our responsibility is to express an opinion on the Institute's compliance based on our audit.

We did not audit the Institute's compliance with the billing and certain of the collections and due diligence compliance requirements specified by the Federal Perkins Loan Program ("Perkins Loan") and described in the *OMB Circular A-133 Compliance Supplement*. Compliance with these requirements was audited by other auditors whose report thereon has been furnished to us, and our opinion expressed herein, insofar as it relates to the Institute's compliance with those requirements, is based solely on the report of the other auditors.

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 Institute's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of the Institute's compliance with those requirements.

In our opinion, based on our audit and the report of other auditors, the Institute complied, in all material respects, with the requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2012. However, the results of our auditing procedures disclosed an instance of noncompliance with those requirements, which is required to be reported in accordance with OMB Circular A-133 and which is described in the accompanying schedule of findings and questioned costs as item 2012-1.

Internal Control Over Compliance

Management of the Institute is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, except as noted in the following paragraph, we considered the Institute's internal control over compliance with the requirements that could have a direct and material effect on a major federal program in order to determine the auditing procedures for the purpose of expressing our opinion on compliance and to test and report on internal control over compliance in accordance with OMB Circular A-133, 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 Institute's internal control over compliance.

We did not consider internal control over compliance with the billing and certain of the collections and due diligence compliance requirements specified by the Federal Perkins Loan Program ("Perkins Loan") and described in the OMB Circular A-133 *Compliance Supplement*. Internal control over these compliance requirements was considered by the other auditors referred to above; and our report, insofar as it relates to the Institute's internal control over those compliance requirements, is based solely upon the report of the other auditors.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected on a timely basis.

Our consideration and the other auditors' consideration of the internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be deficiencies, 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. Also, the report of the other auditors did not

identify any deficiencies in internal control over compliance that they consider to be material weaknesses, as defined above.

The Institute's response to the finding identified in our audit is described in the accompanying schedule of findings and questioned costs. We did not audit the Institute's response and, accordingly, we express no opinion on the response.

This report is intended solely for the information and use of the Institute's Audit Committee, management, 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.

PricewaterhouseCoopers LLP

March 6, 2013

Massachusetts Institute of Technology
Schedule of Findings and Questioned Costs
Year Ended June 30, 2012

Section I Summary of Auditor's Results

Financial Statements

Type of auditor's report issued	Unqualified	
Internal control over financial reporting		
Material weakness(es) identified	___ Yes	__X__ No
Significant deficiency (ies) identified that are not considered to be material weaknesses	___ Yes	__X__ None Reported
Noncompliance material to financial statements noted?	___ Yes	__X__ No

Federal Awards

Internal control over major programs		
Material weakness (es) identified?	___ Yes	__X__ No
Significant deficiency (ies) identified that are not considered to be material weaknesses?	___ Yes	__X__ None Reported
Type of auditor's report issued on compliance for major programs	Unqualified	
Any audit findings disclosed that are required to be reported in accordance with section 510(a) of OMB Circular A-133?	__X__ Yes	___No

Identification of major programs

CFDA Number	**Name of Federal Program or Cluster**
Various	Student Financial Assistance Cluster
Various	Research & Development Cluster
12.CCC	Draper Laboratory Incorporated

Dollar threshold used to distinguish between Type A and Type B programs	$4,265,769	
Auditee qualifies as a low-risk auditee?	__X__ Yes	___ No

Section II Financial Statement Findings

None noted.

Section III Federal Award Findings and Questioned Costs

Research and Development Cluster - Lincoln Labs

Finding No. 2012-1

Compliance Requirement: Davis-Bacon Act (D)

Federal Programs Involved: Commerce, Defense, Energy, Homeland Security, National Aeronautics and Space Administration, Transportation, and Miscellaneous

Contract Number: FA8721-05-C-0002X

Award Year: 2005

Criteria

Non-federal entities shall include, in their construction contracts subject to the Davis-Bacon Act, a requirement that the contractor or subcontractor comply with the requirements of the Davis-Bacon Act and the Department of Labor regulations (29 CFR part 5, Labor Standards Provisions Applicable to Contacts Governing Federally Financed and Assisted Construction). This includes a requirement for the contractor or subcontractor to submit to the non-Federal entity weekly, for each week in which any contract work is performed, a copy of the payroll and a statement of compliance (certified payrolls) (29 CFR sections 5.5 and 5.6).

Condition

We selected a total of 15 purchase orders, across multiple programs, for testing of the Davis-Bacon Act compliance requirement.

We noted that for 1 out of the 15 purchase orders tested, MIT did not obtain the required certified payroll for the period in which contract work was performed under the respective purchase order. This purchase order represented one construction award totaling $7,948.

Cause

For the purchase order where the required certified payroll was not obtained in accordance with the Davis-Bacon Act, two line items were incorrectly identified as maintenance and repair by the MIT Contracts Specialist. These items should have been coded as construction expenditures. As a result of this error, MIT did not follow their policies and procedures that are applicable to purchase orders that are subject to the Davis Bacon Act.

Effect

MIT did not obtain the required payroll in accordance with their policy and was not in full compliance with the Davis-Bacon Act requirements for this particular project.

Amount of Questioned Costs

There are no questioned costs.

Recommendation

We recommend that MIT continue to emphasize more diligence when executing payment procedures, particularly as it relates to construction contracts.

Management's Views and Corrective Action Plan

See the Institute's views and corrective action

Massachusetts Institute of Technology
Summary Schedule of Prior Audit Findings
Year Ended June 30, 2012

See the Institute's Schedule of Prior Audit Findings, beginning on page 269 of the package.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
LINCOLN LABORATORY

244 WOOD STREET
LEXINGTON, MASSACHUSETTS 02420-9108

Area Code 781
981-8302

6 March 2013

PricewaterhouseCoopers, LLP
125 High Street
Boston, MA 02110

Attention: Lee Ann C. Leahy, Partner

Subject: Section III Federal Award Findings and Questioned Costs

Research and Development Cluster - Lincoln Labs

Finding No. 2012-1

Compliance Requirement: Davis-Bacon Act (D)

Federal Programs Involved	Federal CFDA Number	Contract Number	Award Year
Department of Defense	N/A	FA8721-05-C-0002	2005

Dear Ms. Leahy,

Below is the PwC Finding No. 2012-1 followed by the Lincoln Laboratory management response:

Criteria

Non-federal entities shall include, in their construction contracts subject to the Davis-Bacon Act, a requirement that the contractor or subcontractor comply with the requirements of the Davis-Bacon Act and the Department of Labor regulations (29 CFR part 5, Labor Standards Provisions Applicable to Contacts Governing Federally Financed and Assisted Construction). This includes a requirement for the contractor or subcontractor to submit to the non-Federal entity weekly, for each week in which any contract work is performed, a copy of the payroll and a statement of compliance (certified payrolls) (29 CFR sections 5.5 and 5.6).

Condition

We selected a total of 15 purchase orders, across multiple programs, for testing of the Davis-Bacon Act compliance requirement.

We noted that for 1 out of the 15 purchase orders tested, MIT did not obtain the required certified payroll for the period in which contract work was performed under the respective purchase order. This purchase order represented one construction award totalling $7,948.

Cause

For the purchase order where the required certified payroll was not obtained in accordance with the Davis-Bacon Act, two line items were incorrectly identified as maintenance and repair by the contracts specialist. These items should have been coded as construction expenditures. As a result of this error, MIT did not follow their policies and procedures that are applicable to purchase orders that are subject to the Davis-Bacon Act.

Effect

MIT did not obtain the required payroll in accordance with their policy and was not in full compliance with the Davis-Bacon Act requirements for this particular project.

Amount of Questioned Costs

There are no questioned costs.

Recommendation

We recommend that MIT continue to emphasize more diligence when executing payment procedures, particularly as it relates to construction contracts.

Management's Views and Corrective Action Plan

Corrective action will include formal training of contract specialists who handle construction subcontracts on what work constitutes construction for purposes of the Davis-Bacon Act reporting requirements and the applicable flowdown contract clauses to be included in such subcontracts. The formal training will be conducted by March 31, 2013.

Issue Coordinator: Ellen Kelley
Contracting Services Department

Sincerely,

Patricia O'Riordan
Financial Services Department Head

Michelle D. Christy
Director of Sponsored Programs

Massachusetts Institute of Technology
77 Massachusetts Avenue, Building NE18-901
Cambridge, Massachusetts 02139-4307

Office of Sponsored Programs

Phone 617.324.9022
Fax 617.253.4734
Email mchristy@mit.edu

January 31, 2013

Ms. Lee Ann C. Leahy
PricewaterhouseCoopers LLP
125 High Street
Boston, MA. 02110

Dear Ms. Leahy:

MIT has reviewed the condition and recommendation in the referenced audit report. Our Schedule of Prior Audit Findings containing updated corrective action is provided below.

Reference: PWC Report on MIT Compliance with OMB Circular A-133 (FY11)

11-1. Federal Financial Reporting

MIT remains fully committed to addressing this compliance issue. Over the past several years considerable effort has been expended identifying the root causes of late financial reports in order to correct underlying deficiencies and an institute-wide pre-closeout notice system has been rolled out to the research administration community. This advance notice provides staff with additional time to recognize and address issues which may slow closeout and reporting, well in advance of award expiration dates. In addition, with the assistance of MIT's Research Administration Coordinating Council (RACC), discussion of this issue and its importance has been elevated to the Institute's Deans, Provost, and Vice President for Research who have clearly communicated their concurrence and endorsement of our compliance efforts.

Issue Coordinator: Basil A. Stewart, Controller
Office of the Vice President for Finance
Completion Date: June 30, 2012

If you have any questions regarding our responses, or require further information, please contact me directly or John Donahue (617.258.7950 --- jpd@mit.edu) of my staff.

Sincerely,

Michelle D. Christy
Director of Sponsored Programs

Cc: M. Howard, Vice President for Finance
B. Stewart, Controller
P. Schickling, Manager of Sponsored Accounting
D. Fisher, Institute Auditor

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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Area Code 781
981-8302

20 February 2013

PricewaterhouseCoopers, LLP
125 High Street
Boston, MA 02110

Attention: Lee Ann C. Leahy, Partner

Subject: Supplemental Response to DCAA Audit 2171-2011F10110001

Dear Ms. Leahy,

The following is Lincoln Laboratory's actions taken to the subject inquiry (A-133 FY11 audit):

A. DIRECT COSTS

11-A. Building Capitalization

Action Taken:

MIT Lincoln Laboratory's Financial Services Department has adjusted questioned costs of $187,245 on the following journal vouchers:

RN 301075348	3/27/2012
RN 301075349	3/27/2012
RN 301075557	3/28/2012
RN 301075581	3/28/2012

Periodic review of procurements using the Operational Services product category is being performed. In addition, a new product category, J004 - Architectural Services, was created to facilitate proper classification of building design costs.

Completion date: March 28, 2012

Issue Coordinator: Kathleen Ryan
Administrative Staff
MIT LL Financial Services Department.

B. NONCOMPLIANCES

11-B. Noncompliance with OBM Circular A-133 Compliance Requirement I – Procurement and Suspension and Debarment

Action Taken:

Corrective action taken includes training on the topic of Suspension and Debarment verification (EPLS/SAM) conducted on January 24, 2012 for the entire Contracting Services Department (CSD) staff and supervisors who administer and manage procurement. In addition, the Purchasing Policies & Procedures Manual was revised to provide additional guidance and instruction. This subject area is also reviewed during internal audits to ensure adherence to requirements and continuous improvement.

Completion date: June 28, 2012

Issue Coordinator: Mark Syrnick
Subcontract Compliance Manager
MIT LL Contracting Services Department

11-C Noncompliance with OMB Circular A-133 Compliance Requirement L – Reporting

Action Taken:

Delivery of the unclassified Monthly Financial Reports to government sponsors has been automated, beginning with the monthly reports for September, 2012 which were transmitted in this fashion on October 11, 2012. As the delivery of the monthly reports for classified programs cannot be automated, confirmation of delivery by the mid-month deadline is being requested of Division Business Managers.

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Completion date: October 12, 2012

Issue Coordinator: William McDowell
Administrative Staff
MIT LL Financial Services Department

11-D Noncompliance with OMB Circular A-133 Compliance Requirement M—Subrecipient Monitoring

Action Taken:

Corrective action has included instructing CSD staff and supervisors as to the requirements concerning subrecipient monitoring and the issues that were addressed in the audit. In addition, subrecipient monitoring requirements have been added to the subcontract compliance oversight

audits to ensure that requirements are being properly addressed and that documentation is sufficient. Corrective actions were taken before the June 28, 2012 completion date, and the audits are ongoing.

Completion date: June 28, 2012

Issue Coordinator: Mark Syrnick
Subcontract Compliance Manager
MIT LL Contracting Services Department

11-E. Noncompliance with FAR 42.708 Quick-Closeout Procedures.

Action Taken:

Corrective actions have incorporated the requirements of FAR 42.708. Prior to June 28, 2012, management reviewed closeout requirements with the cognizant CSD staff and supervisor, with emphasis on the documentation necessary to demonstrate adherence to the requirements.

Completion date: June 28, 2012

Issue Coordinator: Mark Syrnick
Subcontract Compliance Manager
MIT LL Contracting Services Department

11-F. Noncompliance with Administrative Contracting Officer Consent Thresholds and FAR 52.244-2 Subcontracts

Action Taken:

Prior to June 28, 2012, the Purchasing Policies & Procedures Manual was revised to address the requirements of FAR 52.244.2. In addition, training on documentation was conducted on January 18, 2012 and April 3, 2012, with emphasis on the required documentation necessary pursuant to threshold levels. Review of SEA requirements and documentation are subject areas during the ongoing SCO internal audits of files to ensure compliance and improved file documentation.

Completion date: June 28, 2012

Issue Coordinator: Mark Syrnick
Subcontract Compliance Manager
MIT LL Contracting Services Department

11-G. **Lincoln Laboratory 2011 Compliance Requirement F – Equipment and Real Property Management**

Action Taken:

All requests for cannibalization of government assets are being routed to the ACO for approval prior to cannibalization.

Completion Date: April 30, 2012

Issue Coordinator: William Conley
Administrative Staff
MIT LL Property Office

Sincerely,

Patricia O'Riordan
Financial Services Department Head